

Prepared for
Nevada Environmental Response Trust

Prepared by
Ramboll US Consulting, Inc.
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Project Number
1690020169-008

Date
August 5, 2021

SCREENING-LEVEL ECOLOGICAL RISK ASSESSMENT FOR OPERABLE UNIT 2 NEVADA ENVIRONMENTAL RESPONSE TRUST SITE HENDERSON, NEVADA

Screening-Level Ecological Risk Assessment for Operable Unit 2

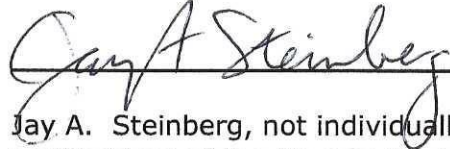
Nevada Environmental Response Trust Site (Former Tronox LLC Site) Henderson, Nevada

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Date: 8/4/21

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Responsible Certified Environmental Manager (CEM) for this project

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and, to the best of my knowledge, comply with all applicable federal, state and local statutes, regulations and ordinances.



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Screening-Level Ecological Risk Assessment for OU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Date **August 5, 2021**
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Description **Screening-Level Ecological Risk Assessment for Operable Unit 2**

Project No **1690020169-008**

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ACRONYMS AND ABBREVIATIONS

2,4-DB	4-(2,4-dichlorophenoxy)butyric acid
2,4-DDE	2,4'-dichlorodiphenyldichloroethylene
4,4'-DDE	4,4'-dichlorodiphenyldichloroethylene
4,4'-DDT	4,4'-dichlorodiphenyltrichloroethane
AhR	aryl hydrocarbon receptor
AMPAC	American Pacific Corporation
AP&CC	American Potash and Chemical Company
ATSDR	Agency for Toxic Substances and Disease Registry
AUF	area use factor
BAF	bioaccumulation factor
BCF	bioconcentration factor
BEC	Basic Environmental Company
beta-BHC	beta-hexachlorocyclohexane
bgs	below ground surface
BMI	Black Mountain Industrial
BRC	Basic Remediation Company
CAS	Chemical Abstract Service
CASRN	Chemical Abstract Service Registry Number
CEM	certified environmental manager
COPC	constituents of potential concern
COPEC	chemical of potential ecological concern
CSM	conceptual site model
d ⁻¹	per day
DDD	Dichlorodiphenyldichloroethane
DDE	dichlorodiphenyldichloroethylene
DDT	dichlorodiphenyltrichloroethane
dw	dry weight
Eco-SSL	Ecological Soil Screening Level
ENSR	ENSR International Corporation
EPC	exposure point concentration
ERA	ecological risk assessment

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ESV	ecological screening value
ft	foot or feet
f _{oc}	fraction organic carbon
GWETS	groundwater extraction and treatment system
HQ	hazard quotient
IP	intraperitoneal
Kerr-McGee	Kerr-McGee Chemical Corporation
kg	kilogram
kg (adult) body wt ⁻¹	per kg (adult) body weight
kg feed(ww) ⁻¹	per kilogram feed as wet weight
K _{oc}	soil organic carbon to water partitioning coefficient
K _{ow}	octanol-water partitioning coefficient
L	liter
LANL	Los Alamos National Laboratory
LOAEL	lowest observed adverse effect level
mg	milligram
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
MCPA	2-methyl-4-chlorophenoxy acetic acid
ng	nanogram
NDEP	Nevada Division of Environmental Protection
NERT	Nevada Environmental Response Trust
NFA	no further action
NOAA	National Oceanic and Atmospheric Administration
NOAEL	no observed adverse effect level
OU	operable unit
ORNL	Oak Ridge National Laboratory
PEPCON	Pacific Engineering and Production Company of Nevada
PAH	polycyclic aromatic hydrocarbon
PBT	persistent, bioaccumulative, and toxic
PCB	polychlorinated biphenyl
PCOPEC	preliminary constituent of potential ecological concern

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PeCDF	2,3,4,7,8- pentachlorodibenzo-p-furan
Ramboll	Ramboll US Corporation or Ramboll US Consulting, Inc.
Ramboll Environ	Ramboll Environ US Corporation
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
RSV	refined screening value
SLERA	screening-level ecological risk assessment
SMDP	scientific management decision point
SQL	sample quantitation limit
SQuiRT	NOAA Screening Quick Reference Tables
TCDD	2,3,7,8-tetrachlorodibenzo-p-dioxin
TCDF	2,3,7,8-tetrachlorodibenzo-p-furan
TCEQ	Texas Commission of Environmental Quality
TDI	total daily intake
TEF	toxic equivalent factor
TEQ	toxic equivalency quotient
TIMET	Titanium Metals Corporation of America
TPH	total petroleum hydrocarbons
Tronox	Tronox LLC
TRV	toxicity reference value
Trust	Nevada Environmental Response Trust
UCL	upper confidence level
UMCF	upper Muddy Creek formation
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
VOC	volatile organic compound
Wash	Las Vegas Wash
WBZ	water-bearing zone
WECCO	Western Electrochemical Company
WHO	World Health Organization
wk ⁻¹	per week
ww	wet weight

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xMCF transitional Muddy Creek Formation

EXECUTIVE SUMMARY

This report presents the Screening-Level Ecological Risk Assessment (SLERA) for Operable Unit 2 (OU-2) within the Nevada Environmental Response Trust (NERT, or the Trust) Remedial Investigation (RI) Study Area in Henderson, Nevada. This SLERA is part of the Trust's Remedial Investigation/Feasibility Study (RI/FS) for OU-2. This OU-2 SLERA is provided to evaluate whether constituents from the NERT site (OU-1) in Henderson, NV, (the "Site") pose a potential risk to ecological receptors in OU-2, which is adjacent to and downgradient of the Site.

Consistent with the SLERA Work Plan for OU-2, Revision 1, dated September 28, 2018 (Ramboll 2018), and approved by the Nevada Division of Environmental Protection (NDEP) on October 30, 2018 (NDEP 2018) (Work Plan), the evaluation presented herein is limited to the NERT Off-Site Study Area component of OU-2 located west of Pabco Road and herein referred to as the "OU-2 SLERA Area" (Figure ES-1). As presented in the Remedial Investigation (RI) Report for OU-1 and OU-2 (Ramboll 2021), the conceptual site model developed for the RI Study Area indicates that contaminants in OU-1 migrated into OU-2 primarily through groundwater. Since groundwater is currently found between 10 to 40 feet (ft) below grade, there is not a complete pathway for ecological receptors to be exposed. However, prior to the installation of NERT's groundwater extraction and treatment system (GWETS), groundwater was present at shallower depths. Given that the potential for contaminants in groundwater to impact shallow soil is very limited, the NDEP-approved Work Plan specified evaluating risk to ecological receptors using existing soil data within OU-2. The OU-2 SLERA Area, approximately 662 acres, is bordered to the south by Warm Springs Road, to the east by Pabco Road, to the north by a line just north of Galleria Drive, and to the west by the western border of the NERT RI Study Area. This area is used primarily for residential housing, with commercial and light industrial operations adjacent to major roadways. As such, much of the OU-2 SLERA Area is developed and offers limited available ecological habitat. Prior investigations of the southern-most portion of the NERT Off-Site Study Area within OU-2 is referred to as Parcels A and B. In 2013, NDEP issued a no further action (NFA) determination for Parcels A and B, which included an Environmental Covenant limiting future use of the property to commercial or industrial purposes (NDEP 2013e). However, due to the proximity of this property to OU-1 it is appropriate to use data from this property in the OU-2 SLERA.

Consistent with the NDEP-approved Work Plan (Ramboll 2018), this OU-2 SLERA Report does not include the Eastside Sub-Area and covers only the area discussed in Section 1.2.2. The Eastside Sub-Area component of OU-2 located east of Pabco Road, approximately 1,983 acres, is not included in this OU-2 SLERA because surface soils have been remediated and NFA determinations were issued by NDEP between 2011 through 2015 (NDEP 2011a, 2011b, 2013a, 2013b, 2013c, 2013d, 2013e; 2015a, 2015b, 2015c). Contact with surface soil is the primary concern for ecological receptors within the Eastside Sub-Area, and since surface soils have been remediated, no additional evaluation, including ecological risk, is warranted for the upper 10 ft of soil within the Eastside Sub-Area.

OU-2 SLERA Approach

The SLERA for OU-2 was conducted consistent with the Work Plan. The SLERA follows procedures outlined by the NDEP ecological risk assessment (ERA) guidance and United

States Environmental Protection Agency (USEPA) risk assessment guidance, as listed in Section 1.3. The objective of this OU-2 SLERA was to determine which one of the following is applicable:

1. Constituents which may have been released during historical manufacturing activities at the Site have the potential to pose risks to ecological resources within the OU-2 SLERA Area and a risk management decision can be made.
2. The available data are adequate to conclude that constituents present from historical manufacturing activities at the Site do not pose an unacceptable risk to ecological receptors in the OU-2 SLERA Area, and, therefore, there is no need for further action on the basis of ecological risk.
3. The available information is not adequate to make a decision, whereupon the ERA process should continue beyond this screening-level evaluation.

Initial Screening of Maximum Constituent Concentrations and Maximum Screening Results

The initial screening approach provided in Section 2 of this report includes a conservative screening of maximum detected constituent concentrations, as follows:

- Maximum detected constituent concentrations were identified as exposure point concentrations (EPCs) for this OU-2 SLERA.
- Maximum detected concentrations were evaluated for the following chemical groups:
 - Dioxins and furans
 - Polycyclic aromatic hydrocarbons (PAHs)
 - Perchlorate
 - Radium compounds
 - Explosives
 - Semi-volatile organic compounds (SVOCs)
 - Metals
 - Total petroleum hydrocarbons (TPH)
 - Organic halides
 - Volatile organic compounds (VOCs)
 - Organophosphate pesticides
 - Organochlorine pesticides
 - Polychlorinated biphenyls (PCBs)
- Chemical mixtures including dioxins and furans, PAHs and DDx (DDT plus metabolites) were also considered because they can influence ecotoxicity:
 - Conservatively protective ecological screening values (ESVs) were identified for use in the screening.
 - Risk estimates were calculated in this OU-2 SLERA by dividing maximum soil concentrations by the most conservative, constituent-specific soil ESVs. These unitless, constituent-specific ratios are referred to as hazard quotients (HQs).
 - HQs less than or equal to a value of 1 (to one significant figure) indicate that adverse impacts to wildlife are considered unlikely (USEPA 1997).
 - An HQ greater than 1 is an indication that further evaluation may be necessary to evaluate the potential for adverse impacts to wildlife.

The results of the initial screening provided in Section 2 of this report indicated:

- Many constituents were either not detected or were detected at concentrations less than the conservative ESVs, and as such, the HQs were less than the threshold value of 1 and were therefore excluded from further consideration because this screening demonstrates that those chemicals are not present in soils in the OU-2 SLERA Area at concentrations that pose an unacceptable risk to plants, soil invertebrates, birds, or mammals.
- Some constituents had HQs that exceeded the threshold value of 1 in the initial screening. For these constituents, representative regional background constituent concentrations¹ and the frequency that constituents were detected were evaluated. Constituents with concentrations within OU-2 SLERA Area soils that are less than or similar to background concentrations based on statistical analysis (Gilbert Toolbox), in addition to those constituents detected at a low frequency (less than 5 percent of the samples), were excluded from further consideration.
- A short list of constituents were identified at the end of Section 2 for additional consideration in the risk characterization described in Section 3 of this OU-2 SLERA because:
 - HQs based on maximum concentrations exceeding the threshold value of 1, concentrations that were greater than background concentrations for metals and radionuclides, and constituents detected at a frequency greater than 5 percent are retained for further evaluation. HQs calculated using maximum concentrations ranged from 2 to 200 for the following constituents (from highest to lowest HQs):
 - Beta-hexachlorocyclohexane (beta-BHC), with a maximum HQ of 200;
 - Perchlorate, with a maximum HQ of 200;
 - Dioxin/furan bird and mammal toxic equivalency quotients (TEQs), with maximum HQs of 30 and 70, respectively;
 - Bis(2-ethylhexyl)phthalate, with a maximum HQ of 50;
 - Lead with a maximum HQ of 10; and
 - Bromine and cadmium with maximum HQs of 2.
 - DDX (DDT plus metabolites) had a maximum HQ of 1, which would typically eliminate this constituent group from further evaluation, but DDX was carried through the risk assessment to illustrate and confirm that DDX, which is highly bioaccumulative, does not pose a risk to wildlife within the OU-2 SLERA Area.

In addition to the short list of constituents with HQs exceeding the threshold value of 1, as described above, there were some constituents that did not have ESVs available from the many sources considered as part of this SLERA. Constituents lacking ESVs were considered further in the uncertainty assessment as part of the risk characterization section provided in Section 3 of this OU-2 SLERA report. Those constituents lacking ESVs for OU-2 include:

¹ The regional background values used are those reported in the Basic Remediation Company (BRC) and Titanium Metals Corporation of America (BRC/TIMET) 2007 report. Specifically, as recommended by NDEP guidance (Neptune, 2017), the 95 McCullough samples collected as part of the BRC/TIMET background study were used in the background evaluation for the OU-2 SLERA.

- General chemistry: bromide, chlorate, chloric acid, chlorine, nitrate, nitrite, ortho-phosphate, and sulfate;
- Metals: Sulfur;
- Pesticides: 4-(2,4-dichlorophenoxy) butyric acid (2,4-DB), Dicamba, and 2-Methyl-4-chlorophenoxy acetic acid (MCPA);
- Oil range organics; and
- Total organic halides.

SLERA Ecological Risk Characterization Approach and Results

The risk characterization provided in Section 3 of this SLERA focused on those constituents and constituent mixtures identified in the initial screening of maximum concentrations in Section 2 of the SLERA.

For the evaluation of plants and soil invertebrates:

- HQs for plants and soil invertebrates were calculated using detected maximum, 95% upper confidence level of the mean (95% UCL), and average concentrations of constituents detected in OU-2 SLERA Area soil compared to ESVs that are specifically focused on plants and soil invertebrates.
- As necessary to illustrate exposure and potential impacts (if any), the full data distributions for some constituents were discussed as they related to the plant and soil invertebrate ESVs.

For the evaluation of birds and mammals:

- Food web modeling was performed for bioaccumulative constituents using maximum and central tendency exposure concentrations for four bird species and five mammal species that may live and forage in the OU-2 SLERA Area. The species selected for the food web model represent herbivorous, omnivorous, insectivorous, and carnivorous feeding (i.e., trophic) guilds within the food web. The following specific species were evaluated:
 - Cooper's Hawk
 - Kit Fox
 - Western Burrowing Owl
 - American Robin
 - Desert Shrew
 - Fringed Myotis
 - Raccoon
 - Mourning Dove
 - Great Basin Pocket Mouse
- The food web model was performed using no observed adverse effect level (NOAEL) and lowest observed adverse effect level (LOAEL) toxicity reference values for birds and mammals.
- As necessary to illustrate exposure and potential impacts, if any, the full data distributions for some constituents were discussed as they related to bird and mammal exposures.
- The food web model evaluation also considered conservative, protective assumptions. For example, it was assumed that birds and mammals lived and forage only in the OU-2 SLERA Area. In addition, exposure assumptions that reflect more realistic foraging behaviors were considered for some of the birds and mammals with larger home ranges.

- The uncertainties associated with the OU-2 SLERA were also discussed in Section 3, including a discussion of those chemicals that are lacking ESVs. For example:
 - There are no specific ESVs for reptiles, but the evaluations for plants, soil invertebrates, birds, and mammals, inform an understanding of potential risks for reptiles.
 - For constituents lacking ESVs, results are discussed in qualitative terms, such as the magnitude of detected concentrations, the frequency and distribution of detected concentrations, and the likelihood of exposure and bioaccumulative potential for the chemicals lacking ESVs.

OU-2 SLERA Conclusions

The OU-2 SLERA evaluation demonstrated that constituents detected in the OU-2 SLERA Area soils (including constituents not linked to historical activities at the NERT Site based on the screening for OU-1-specific constituents) do not pose unacceptable risks for:

- The plant and soil invertebrate community;
- Birds and mammals that inhabit or forage in OU-2; and
- Reptiles.

While there are uncertainties in all ERAs, the uncertainties identified for this OU-2 SLERA are not significant and do not lead to data gaps or uncertainties that prevent conclusions from being drawn at this time. The uncertainty evaluation for the OU-2 SLERA Area demonstrates that there are no unacceptable ecological risks related to constituents in OU-2 SLERA Area soils. Therefore, there is no need for further action in the OU-2 SLERA Area on the basis of ecological risk.

1. INTRODUCTION

This Screening-Level Ecological Risk Assessment (SLERA) is provided for Operable Unit 2 (OU-2) of the Nevada Environmental Response Trust (NERT or the Trust) Remedial Investigation (RI) Study Area (the "NERT RI Study Area") in Henderson, Nevada. This SLERA is part of the Trust's Remedial Investigation/Feasibility Study (RI/FS) for OU-2. This OU-2 SLERA is provided to evaluate whether constituents from the NERT Site pose a potential risk to ecological receptors in OU-2, which is adjacent to and downgradient of the NERT Site.

Currently, the "NERT RI Study Area" (Figure 1-1) collectively consists of four study areas (Figure 1-2). These are the NERT Site Study Area² and the NERT Off-Site Study Area (established in 2012 as the original NERT RI Study Area), the Downgradient Study Area (added in 2015), and the Eastside Study Area (added in 2016 and comprised of the Eastside Sub-Area and the Northeast Sub-Area).

The NERT RI Study Area has been divided into three Operable Units (OUs) for the purposes of investigation and determination of future remedial action (Figure 1-2). Operable Unit 1 (OU-1) consists of the NERT Site, as well as Sale Parcels C, D, and H. The property comprising OU-1 is located within the Black Mountain Industrial (BMI) Complex and has a long, complex ownership and operational history, as discussed in detail in Section 1.1. The BMI Complex currently consists of several facilities owned and operated by different companies, as shown on Figure 1-3. Operable Unit 2 (OU-2) comprises the southern portion of the NERT Off-Site Study Area and the Eastside Sub-Area. Operable Unit 3 (OU-3) encompasses the Downgradient Study Area, the Northeast Sub-Area and the northern portion of the NERT Off-Site Study Area.

This SLERA for OU-2 was conducted in accordance with the SLERA Work Plan for OU-2, Revision 1, dated September 28, 2018 (Ramboll 2018), and approved by the Nevada Division of Environmental Protection (NDEP) on October 30, 2018 (NDEP 2018). As presented in the RI Report for OU-1 and OU-2 (Ramboll 2021), the conceptual site model developed for the RI Study Area indicates that contaminants in OU-1 migrated into OU-2 primarily through groundwater. Since groundwater is currently found between 10 to 40 feet (ft) below grade there is not a complete pathway for ecological receptors to be exposed. However, prior to the installation of NERT's groundwater extraction and treatment system (GWETS), groundwater was present at shallower depths. Given that the potential for contaminants in groundwater to impact shallow soil is very limited, the NDEP-approved Work Plan specified evaluating risk to ecological receptors using existing soil data within OU-2. This SLERA follows the procedures outlined in the United States Environmental Protection Agency (USEPA) risk assessment guidance and applicable NDEP guidance, as listed in Section 1.3. This assessment was limited to the NERT Off-Site Study Area component of OU-2 located west of Pabco Road, herein referred to as the "OU-2 SLERA Area". The OU-2 SLERA Area is approximately 662 acres, bordered to the south by Warm Springs Road, to the east by Pabco Road, to the north by a line just north of Galleria Drive (the boundary between OU-2 and OU-3), and to the west by the western border of the NERT

² The original "NERT Site Study Area" was established as part of the original NERT RI/FS Work Plan in 2012 where it was referred to as simply the "NERT Site." The NERT Site Study Area is identical to the OU-1 area, includes Sale Parcels C, D, and H, and refers to the property owned by the Trust between February 14, 2011 and May 8, 2020.

RI Study Area (Figure 1-2). This area is used primarily for residential housing, with commercial and light industrial operations adjacent to major roadways. As such, much of the OU-2 SLERA Area is developed and offers limited available ecological habitat. Consistent with the NDEP-approved Work Plan (Ramboll 2018), this OU-2 SLERA Report does not include the Eastside Sub-Area and covers only the area discussed in Section 1.2.2. The Eastside Sub-Area component of OU-2 located east of Pabco Road, approximately 1,983 acres, is not included in this OU-2 SLERA because surface soils have been remediated and no further action (NFA) determinations were issued by the NDEP between 2011 through 2015 (NDEP 2011a, 2011b, 2013a, 2013b, 2013c, 2013d, 2013e; 2015a, 2015b, 2015c). Contact with surface soil is the primary concern for ecological receptors within the Eastside Sub-Area, and since surface soils have been remediated, no additional evaluation, including ecological risk, is warranted for the upper 10 ft of soil within the Eastside Sub-Area.

1.1 NERT Site History

The following text summarizes information contained in the RI Report for OU-1 and OU-2 (Ramboll 2021). The NERT Site and surroundings are shown in Figure 1-3. The BMI Complex area was first developed as a magnesium metal manufacturing facility during World War II with ten identical Unit Buildings, six of which (Unit 1-6 Buildings) are within the boundaries of the NERT Site. The first production operations (for magnesium metal) began on August 31, 1942. Process wastewater generated by industrial operations within the NERT Site and surrounding BMI Complex during this time was initially accumulated in the Trade Effluent Ponds (partially located within OU-1). In the early 1940s, the Trade Effluent Ponds were replaced by a series of unlined ditches leading to infiltration/evaporation ponds, referred to as the Upper and Lower BMI Ponds and located north and east of the current BMI Complex (located within OU-2 and OU-3). The Beta Ditch, an unlined conveyance cutting across the northern portion of OU-1, acted as a migration pathway for process effluent between the Site and Upper BMI Ponds located within OU-2 from the 1940s until the 1970s.

After World War II, the Basic Magnesium facility was repurposed, leased, and eventually sold to several chemical manufacturers. The portion that includes OU-1 was operated as a perchlorate and chlorate manufacturing facility beginning in 1945, with the later additions of manganese dioxide (1951), elemental boron (1973), and boron trichloride (1973) operations, in addition to several other chemical products. Chemical production operations within OU-1 were historically operated by several different companies. The Western Electronic Chemical Company (WECCO) leased property from the government starting in 1945 before purchasing the Site in 1952. WECCO merged with the American Potash and Chemical Company (AP&CC) in 1955. Kerr-McGee Chemical Corporation (Kerr-McGee) acquired the Site in 1967 following a merger with AP&CC. More than 900,000 tons of chlorate products and over 340,000 tons of perchlorate products were produced within OU-1 during this operational history. Much of the chlorate and perchlorate manufacturing process was conducted within the Unit 4 and 5 Buildings, as well as an area to the north near the Beta Ditch. Process liquids associated with chlorate and perchlorate production, which also contained hexavalent chromium,³ were collected in the basement areas of the Unit 4 and 5 Buildings resulting in subsurface impacts to soil and groundwater via cracks in the concrete

³ Hexavalent chromium was generated during the production of sodium chlorate and sodium perchlorate between 1945 and 1997 due to the use of sodium dichromate in the production process.

basement floor. Contamination of soil and groundwater also occurred via discharge to lined and unlined process water ponds, unlined wastewater conveyance ditches, and infiltration/evaporation ponds.

During the 1970s, the USEPA, the State of Nevada, and Clark County investigated potential environmental impacts from operations conducted within the BMI Complex, including atmospheric emissions, groundwater and surface water discharges, and soil impacts (E&E 1982). From 1971 to 1976, Kerr-McGee modified their manufacturing process and constructed lined surface impoundments to recycle and evaporate industrial wastewater. Use of the Beta Ditch for process wastewater migration ceased in 1976 when companies operating within the BMI Complex were required to implement zero discharge, industrial wastewater management practices.

In 1980, the USEPA requested specific information from the BMI Complex companies regarding their manufacturing processes and their waste management practices. Investigations of hexavalent chromium-impacted groundwater began in late 1983. Identification and cleanup of hexavalent chromium contaminated groundwater was initiated by Kerr-McGee based on a 1986 Consent Order with NDEP. Treatment of hexavalent chromium in groundwater began in mid-1987 and is on-going today.

In 1997, perchlorate, later shown to originate from OU-1 and the former AMPAC/PEPCON property, was detected in the Las Vegas Wash ("the Wash") and the Colorado River (NDEP 2011b). In 1999 and 2002, temporary groundwater treatment systems for removal of perchlorate were constructed near the Wash and OU-1, respectively. The temporary treatment systems were replaced by a biological fluidized bed reactor (FBR) treatment system located within OU-1, which has operated since 2004 to the present.

Kerr-McGee discontinued production of sodium chlorate and ammonium perchlorate in 1997 and 1998, respectively. In 2005, Tronox LLC (Tronox) took ownership of the facility from Kerr-McGee. In 2009, Tronox filed for Chapter 11 bankruptcy. The Trust took title to the Site on February 14, 2011 as a result of the settlement of Tronox's bankruptcy proceeding. Tronox maintained a lease for a portion of the Site between 2011 and 2018, where it continued its manufacturing operations. EMD Acquisitions LLC (EMD) acquired Tronox's operations in 2018 and continues to produce manganese dioxide, elemental boron, and boron trichloride within a leased portion of the NERT Site.

1.2 Overview of OU-2

OU-2 lies between OU-1 (the NERT Site, as well as former Sale Parcels C, D, and H) and OU-3 and consists of the NERT Off-Site Study Area component of OU-2 located west of Pabco Road and the Eastside Sub-Area component of OU-2 located east of Pabco Road as shown in Figure 1-2. Pabco Road serves as a boundary demarcating differing historical land use within OU-2 and is also used to identify NERT's obligations related to the RI/FS. NERT's obligations in OU-2 are different than in OU-1 in that in the Eastside Sub-Area, located east of Pabco Road, NERT is only responsible for evaluating the nature and extent of perchlorate and chlorate in the environment. As previously indicated, the OU-2 SLERA Area is limited to the NERT Off-Site Study Area component of OU-2 located west of Pabco Road. The evaluation of the OU-2 SLERA Area from an ecological perspective follows numerous investigations conducted to evaluate the nature, extent, and movement of contaminants from OU-1 to downgradient and cross-gradient areas.

The OU-2 SLERA Area is approximately 662 acres and is shown in Figure 1-2 and is bordered to the south by Warm Springs Road, to the east by Pabco Road, to the north by a line just north of Galleria Drive, and to the west by the western border of the NERT RI Study Area.

The OU-2 SLERA Area has been the subject of numerous subsurface investigations related to the downgradient migration of contaminants originating from OU-1. This area was mostly vacant in the early 1950s, with scattered structures located north and south of what is now North Boulder Highway. By the early 1980s, much of the OU-2 SLERA Area was developed with a combination of commercial and residential structures and continues to be used primarily for residential housing, known as the Pittman Neighborhood, with commercial and light industrial operations adjacent to major roadways. As such, much of the OU-2 SLERA Area is developed and offers limited available ecological habitat.

NDEP issued an NFA in 2013 for a portion of OU-2 referred to as Parcels A and B⁴ in the southern portion of the NERT Off-Site Study Area (NDEP 2013e).⁵ According to the 2013 NFA, the future use for Parcels A and B is for purposes of commercial or industrial use only. Shallow soil data collected within Parcels A and B as part of the NFA process, as well as soil scraping, is further discussed in Section 2.1.1.4. Parcels A and B were redeveloped for industrial use in 2019-2020 (Figure 1-3).

1.3 SLERA Objectives and Approach

The objective of this SLERA is to assess whether constituents released as the result of historical manufacturing activities in OU-1 have the potential to pose risks to ecological resources within the OU-2 SLERA Area. The OU-2 SLERA report was conducted to be consistent with the following NDEP and USEPA ERA guidance documents:

- NDEP guidance: Screening-Level Ecological Risk Assessment Guidelines for the BMI Complex, Henderson, Nevada (NDEP 2006).
- Ecological Risk Assessment Guidance for Superfund: Process for Designing and Conducting Ecological Risk Assessments (USEPA 1997).
- Guidelines for Ecological Risk Assessment (USEPA 1998).
- Screening-Level Ecological Risk Assessment Protocol for Hazardous Waste Combustion Facilities (USEPA Region 6 1999).
- ECO-Update: Role of Screening-level Risk Assessments and Refining Contaminants of Concern in Baseline Ecological Risk Assessments (BERAs) (USEPA 2001).
- USEPA Region 4 ERA Supplemental Guidance (USEPA 2018a).
- Generic Ecological Assessment Endpoints for Ecological Risk Assessment (USEPA 2003).
- Weight of Evidence in Ecological Risk Assessment (USEPA 2016).

⁴ The original Parcel B had three sections as depicted in Figure 2-3 (the western, central, and eastern sections). The central and eastern sections were sold by Tronox prior to creation of the Trust. The western portion was transferred to the Trust in 2011 and has also been referred to as just 'Parcel B'. This Parcel B (formerly the western portion of the original Parcel B) is the property included in the NFA for Parcels A and B.

⁵ An NFA was issued for Parcels A and B in 2013 following a formal human health risk assessment, submittal of other technical data, and a voluntary Environmental Covenant (NDEP 2013e).

This OU-2 SLERA evaluates the potential risks for mammals, birds, plants, and soil invertebrates that may live or forage in the OU-2 SLERA Area. The USEPA's SLERA approach to evaluate potential risks consists of Steps 1 and 2 of USEPA's eight-step ERA process as listed below and shown in Figure 1-4:

- Step 1: Screening-Level Problem Formulation and Ecological Effects Evaluation
- Step 2: Screening-Level Preliminary Exposure Estimate and Risk Calculation

NDEP's Screening-Level Ecological Risk Assessment Guidelines for the BMI Complex (NDEP 2006) allows for several additional considerations to focus on the constituents at the site that are truly contributing to risk, similar to the USEPA's Step 3a process. Therefore, this OU-2 SLERA is generally consistent with Steps 1-3a of the USEPA's ERA process as well as NDEP's guidance.

The USEPA ERA process identifies scientific management decision points (SMDPs) following certain steps, as shown on Figure 1-4. The USEPA ERA process was integrated with the NDEP SLERA guidance to illustrate the approach used in this SLERA (Figure 1-5). The SMDPs represent critical steps in the ERA process where NERT and its beneficiaries provide input for risk-management decision making.

The objective of this OU-2 SLERA was to determine which one of the following is applicable:

1. Constituents which may have been released during historical manufacturing activities at the Site have the potential to pose risks to ecological resources within the OU-2 SLERA Area and a risk management decision can be made.
2. The available data are adequate to conclude that constituents present from historical manufacturing activities at the Site do not pose an unacceptable risk to ecological receptors in the OU-2 SLERA Area, and, therefore, there is no need for further action on the basis of ecological risk.
3. The available information is not adequate to make a decision, whereupon the ERA process should continue beyond this screening-level evaluation.

In the event that the information used in a SLERA is inadequate or concentrations of certain constituents exceed ESVs, it may be recommended that the ERA advance to a more comprehensive evaluation, including additional data collection as illustrated in Steps 3 through 8 of USEPA's 8 Step Process (Figure 1-4). Steps 3-8 of the ERA process consider more site-specific conditions and are only necessary for those constituents that cannot be ruled out in the SLERA.

This OU-2 SLERA is consistent with NDEP and USEPA guidance (Figures 1-5 and 1-6). This SLERA represents conservative analyses designed to examine potential risks in an overly protective fashion. The SLERA is intended to be protective of all organisms, as the ESVs used are based on impacts to the most sensitive organism among terrestrial plants, soil invertebrates, birds and mammals. The screening scenario involves the following assumptions:

- The maximum constituent concentrations in soils were used to quantify risk to ecological receptors.
- Conservatively protective ESVs were used, which reflect no adverse impacts. The ecological receptors that reside in the OU-2 SLERA Area are assumed to be as

sensitive to the constituents as the most sensitive organisms used to develop the ESVs.

- It was assumed that ecological receptors spend their entire life within the boundaries of the OU-2 SLERA Area where the maximum concentration was detected, even if that area contains no habitat for ecological receptors and even if ecological receptors wander in and out of the OU-2 boundaries.

Consistent with NDEP and USEPA guidance, additional information, such as background concentrations, average exposure assumptions, and food web modeling are provided to focus the risk assessment on those chemicals, if any, that may potentially pose an ecological risk. These analyses are discussed in detail in Sections 2 and 3 of this OU-2 SLERA report.

1.4 OU-2 SLERA Report Organization

The remainder of this OU-2 SLERA is organized as follows:

- Section 2 – Problem Formulation and Screening Maximum Risk Calculations
- Section 3 – SLERA Ecological Risk Characterization Approach and Results
- Section 4 – OU-2 SLERA Conclusions
- Section 5 – References

2. PROBLEM FORMULATION AND SCREENING MAXIMUM RISK CALCULATIONS

2.1 Screening-Level Problem Formulation and Effects Evaluation

Step 1 of the SLERA involves the screening-level problem formulation (Section 2.1.1) and ecological effects evaluation (Section 2.1.2).

2.1.1 Screening-Level Problem Formulation

The screening-level problem formulation defines the reasons for this OU-2 SLERA and the methods for analyzing and characterizing risks. Information pertaining to site characterization, potential receptors, sources and effects of stressors, and ecosystem characteristics is vital to the problem formulation. The screening-level problem formulation provides the information used to establish the overall goals, breadth, and focus of a SLERA (USEPA 1997, 1998, 2001).

The screening-level problem formulation produces two outputs: 1) assessment endpoints that reflect the management and ecosystem attributes that are to be protected; and, 2) a conceptual site model (CSM) that describes the relationships between stressors and the assessment endpoints.

2.1.1.1 Environmental Setting

This section describes the regional ecology, climate, geology, and local hydrogeology in and around the OU-2 SLERA Area.

Regional Ecology

The regional ecosystem distribution and the predominant ecosystem types in the vicinity of the NERT RI Study Area are illustrated in Figure 2-1. The predominant ecosystem type in this region of southern Nevada is Mojave Desert scrub (Clark County Department of Comprehensive Planning 2000). The Mojave Desert scrub ecosystem includes creosote-bur sage and Mojave mixed scrub vegetation communities; invasive, transitional grasslands, as well as large tracts of urban development; small areas of barren land; and agricultural development.

OU-1 and OU-2 are located in an arid region with no natural surface water bodies. The only surface water present within OU-2 are man-made ponds associated with residential developments. These man-made ponds are in the Eastside Sub-Area, which are not part of the OU-2 SLERA Area. The USEPA ecological checklist was completed during the OU-2 reconnaissance, conducted by a senior ecologist from Ramboll on April 2 and 3, 2018. It is provided in Appendix A. A photographic log of OU-2 and surroundings is provided in Appendix B. The checklist includes the following types of information:

- Historical activities in the OU-2 SLERA Area relevant to potential ecological risk.
- Land use, topography, and urbanization.
- Habitats, vegetation types, and biological communities.
- Surface water features (if any) including lakes, ponds, streams, wetlands, etc. and the potential presence of benthic invertebrates.
- The wildlife community (fish, birds, mammals) present in the vicinity of the OU-2 SLERA Area.

- The presence or absence of ecologically sensitive areas.

Climate

The climate of the Las Vegas Valley is arid with mild winters and dry hot summers. Average annual precipitation as measured in Las Vegas between 1980 and 2016 was 4.14 inches (NOAA 2018). Precipitation generally occurs during two periods, December through March and July through September. Winter storms produce low intensity rainfall over a large area. Summer storms produce high intensity rainfalls over a smaller area for a short duration. These violent summer thunderstorms account for most of the documented floods in the Las Vegas area. Winds frequently blow from the south or northwest at a mean velocity of approximately 9 miles per hour; however, velocities in excess of 50 miles per hour are not atypical when weather fronts move through the area. During these windy events, dust, sand, and soil at the ground surface can become airborne and may travel several miles. Temperatures can rise to 120°F in the summer, and the average relative humidity is approximately 20%. The mean annual evaporation from lake and reservoir surfaces ranges from 60 to 82 inches per year (Shevenell 1996).

Geology

The following subsections provide a summary of the regional geology, local geology, and local hydrogeology. A detailed description of the regional and local geology can be found in the RI Report for OU-1 and OU-2 (Ramboll 2021).

Regional Geology

The OU-2 SLERA Area is found within a topographic and structural basin trending northwest-southeast and extending approximately 55 miles from near Indian Springs on the north to Railroad Pass on the south. The valley in which the OU-2 SLERA Area is located is bounded by the Las Vegas Range, Sheep Range, and Desert Range to the north; by Frenchman and Sunrise Mountains to the east; by the McCullough Range and River Mountains to the south and southeast; and the Spring Mountains to the west. The mountain ranges bounding the east, north, and west sides of the valley consist primarily of Paleozoic and Mesozoic sedimentary rocks (limestones, sandstones, siltstones, and fanglomerates), whereas the mountains on the south and southeast consist primarily of Tertiary volcanic rocks (basalts, rhyolites, andesites, and related rocks) that overlie Precambrian metamorphic and granitic rocks (ENSR 2005, 2007; Ramboll Environ 2016).

Local Geology

The local geology and hydrogeology are defined by data collected from more than 2,000 borings and wells that have been installed in the area. The following descriptions are summarized from the RI Report for OU-1 and OU-2 (Ramboll 2021).

Alluvium – The surface of the OU-2 SLERA Area is primarily Quaternary alluvial deposits (Qal) that slope north toward the Wash. The alluvium consists of a reddish-brown heterogeneous mixture of well-graded sand and gravel with lesser amounts of silt, clay, and caliche. Clasts within the alluvium are primarily composed of volcanic material. Boulders and cobbles are common. Due to the mode of deposition, no distinct beds or units are continuous over the area.

Muddy Creek Formation – The Muddy Creek Formation of Pleistocene age occurs in the Las Vegas Valley as valley-fill deposits that are coarse-grained near mountain fronts and become progressively finer-grained toward the center of the valley. Within the OU-2 SLERA

Area, the Muddy Creek Formation does not crop out but instead subcrops beneath a veneer of Qal. Locally, the Muddy Creek Formation reaches thicknesses greater than 1,000 ft in Las Vegas Valley.

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

Local Hydrogeology

OU-1 and OU-2 are located in an arid region with no natural surface water bodies. The only surface water present within OU-2 are man-made ponds associated with residential developments. These man-made ponds are in the Eastside Sub-Area component of OU-2 located east of Pabco Road which are not part of this SLERA. While the groundwater alluvial aquifer for the entire NERT RI Study Area is briefly described below, groundwater is not considered in the OU-2 SLERA because wildlife is not exposed to groundwater in the OU-2 SLERA Area.

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

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

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

Perchlorate and other contaminants found in groundwater in this area migrated from the NERT Site through subsurface transport in shallow groundwater (Ramboll 2021) but does not impact the OU-2 SLERA Area, as there are no current groundwater-surface water connections.

2.1.1.2 Ecological Exposure Media in the OU-2 SLERA Area

In an ERA, ecologically relevant media typically include surface water, sediment, and soil. Groundwater becomes relevant in an ERA only at the groundwater and surface water transition zone (i.e., the interface; USEPA 2008). While impacted groundwater is present within OU-2, as shown in Figure 2-2, there is no groundwater to surface water connection within the OU-2 SLERA Area. No bodies of water are located within the OU-2 SLERA Area, eliminating possible exposure pathways between surface water and/or sediment to ecological receptors. Therefore, soil is the only exposure media evaluated in this SLERA.

The portion of the soil column where the majority of biological activity occurs is typically the upper foot of the soil column (TCEQ 2014). For this OU-2 SLERA, soil data from 0 to 1 ft bgs was used and was supplemented with additional soil data to provide a more robust surface soil dataset. These include data from 0 to 2.5 ft from ENSR (2007) and Kerr-McGee (1998) as well as surface soil data from Basic Environmental Company (BEC 2007a, b)⁶.

2.1.1.3 Preliminary Constituents of Potential Ecological Concern

Preliminary constituents of potential ecological concern (PCOPECs) are defined as any chemical that was used or manufactured on the NERT Site (OU-1) that may have migrated downgradient to the OU-2 SLERA Area. The chemical classes that were analyzed in soil from previous investigations in the OU-2 SLERA Area and were evaluated in the SLERA are shown in Table 2-1.

2.1.1.4 Data Used in the SLERA

The data used for this SLERA are summarized in Appendix C-1 for ENSR (2007) and Kerr-McGee (1998) data as well as Appendix C-2 for BEC (2007) data; they were approved for use in the Work Plan (Ramboll 2018). The following constituent groups were evaluated in this SLERA:

- Dioxins and furans
- Explosives
- Metals
- Pesticides
- Polychlorinated biphenyls (PCBs)
- Polycyclic aromatic hydrocarbons (PAHs)
- Semi-volatile organic compounds (SVOCs)
- Organic Halides
- Total petroleum hydrocarbons (TPH)
- Volatile organic compounds (VOCs)
- Radionuclides

The BEC dataset is the most comprehensive of the three datasets used in the OU-2 SLERA. The data were validated per the NDEP-approved *Data Validation Summary Report* (BEC 2007a, b). Following surface soil sampling from several areas of Parcels A and B, 3 to 6

⁶ Data from BEC Parcels A-B have a start depth of 0 ft, but the end depth of the samples is not defined. These samples are referred to by BEC as "surface soil" samples (BEC 2007).

inches of soil was removed by surface scraping due to the detection of long amphibole asbestos fibers (BEC 2007a, b). The areas of surface soil that were scraped and removed (Remediated Areas) are illustrated on Figure 2-3. The consequences of this remediation are that the new surface layer within Parcels A and B⁷ have different concentrations of constituents than those that were measured prior to remediation. According to BEC (2007a), it is reasonable to assume that constituent concentrations are now lower for some constituents because of the removal of some soil. However, BEC (2007a) also states that because there are no historical uses within Parcels A and B, it is reasonable to assume that the concentration distribution may not have changed in any important way and that the previous samples are representative of current conditions. In the absence of more recent data, the BEC dataset is used in the SLERA with the understanding that (1) surface soils were scraped and therefore concentrations of various constituents in soil are likely lower than when samples were taken, and (2) the parcels have been partially developed and much of the soil is now covered in pavement or buildings. As such, this dataset represents a very conservative evaluation of potential risk to terrestrial receptors and in many areas, there are no longer complete exposure pathways from soil to receptor.

NDEP issued an NFA for Parcels A and B on December 6, 2007 (NDEP 2013e). According to the NFA, Parcels A and B are suitable for purposes of commercial or industrial use only. Despite the soil removal and NFA issued for Parcels A and B, the BEC dataset was retained for this OU-2 SLERA because the other two datasets (ENSR 2007 and Kerr-McGee 1999) included only five sampling locations and, in the case of the Kerr-McGee data, are over 20 years old. Nonetheless, the uncertainties associated with the OU-2 SLERA dataset are not significant and do not lead to data gaps or uncertainties that prevent conclusions from being drawn.

Data from four soil samples located in the southeastern portion of Parcel B were excluded from the OU-2 SLERA dataset because these locations are under pavement and were under pavement before the RI began. The dataset is collectively referred to as the OU-2 SLERA Area soil dataset, and the locations of the samples are presented in Figures 2-3 (BEC locations) and Figure 2-4 (ENSR and Kerr McGee locations). The sample locations in Parcels A and B can be seen in greater detail in Figures 2-5 and 2-6. Constituents that were not detected in soil are not included in the OU-2 SLERA directly. They are discussed as an uncertainty in this OU-2 SLERA (Section 3.5). As described above, Parcels A and B have changed significantly since the soil samples were taken. Much of the area is developed and some sample locations are now under pavement as illustrated in Figure 2-7 and Figure 2-8.

Data Usability

The primary objective of the data usability evaluation was to identify appropriate data for use in this SLERA. OU-2 SLERA Area data were evaluated in accordance with NDEP's Supplemental Guidance for Assessing Data Usability for Environmental Investigations at the BMI Complex and Common Areas in Henderson, Nevada (NDEP 2010), which is based on USEPA's two-part Guidance for Data Usability in Risk Assessment (USEPA 1992a, b).

⁷ The original Parcel B had three sections as depicted in Figure 2-3 (the western, central, and eastern sections). The central and eastern sections were sold by Tronox prior to creation of the Trust. The western portion was transferred to the Trust in 2011 and has also been referred to as just 'Parcel B'. The original Parcel B, which includes the central and eastern sections, is depicted on Figure 2-3 because surface soil samples that inform the OU-2 SLERA were collected in this area.

Data Handling

The chemical names, groupings, and, in some cases, Chemical Abstract Service (CAS) Registry Numbers (CASRNs) were standardized for the screening process of the OU-2 SLERA Area soil dataset. Table 2-2 lists the constituents that were standardized and the basis of the standardization. For samples with primary and field duplicate results, both samples were treated as independent samples and both were included in the screening process. In order to focus on those substances that potentially contribute the greatest to the overall risk, several procedures were used to eliminate constituents for quantitative evaluation in the screening, consistent with the Screening-Level Ecological Risk Assessment Guidelines for the BMI Complex, Henderson, Nevada (NDEP 2006):

- Comparison to Background: Identification of constituents with detected levels which are at or less than background concentrations (where applicable). The procedure for evaluating constituents relative to background conditions is presented in Section 2.1.1.5.
- Detection Frequency: In general, constituents exhibiting a low frequency of detection will not contribute significantly to the risk estimates. USEPA (1989) and NDEP (2006) advocates that constituents with a frequency of detection less than or equal to five percent may be considered for elimination.

This OU-2 SLERA considers chemical mixtures:

- The dioxin/furan mixtures were considered using the toxicity equivalency quotient (TEQ) approach for birds and mammals, using World Health Organization (WHO) equivalency factors and consistent with USEPA guidance (Van den Berg et al. 2006). The Total TEQ was calculated by multiplying the actual gram weight of each dioxin and dioxin-like compound by its corresponding avian or mammalian toxic equivalent factor (TEF) and then summing the results to reflect potential exposures for mammals in terms of TEQ. The avian and mammalian TEQs used in this OU-2 SLERA are provided in Table C-3a.
- PAH mixtures were considered as high molecular weight PAHs, low molecular weight PAHs, and total PAHs. The sum of PAHs is provided in Table C-3b.
- Organochlorine pesticides including dichlorodiphenyltrichloroethane (DDT) and the isomers DDT, dichlorodiphenyldichloroethane (DDD), and dichlorodiphenyldichloroethylene (DDE) isomers are summed to a DDx value for the evaluation of potential risks related to the chemical mixture. The sum of DDx values is provided in Table C-3c.

2.1.1.5 Evaluation of Site Concentrations Relative to Background Conditions

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

- Constituents that are naturally occurring: metals often occur naturally in soil and geological formations and may be transported into surrounding soils and water by processes like weathering and dissolution of the underlying soil. Background concentrations for radionuclides are also considered naturally occurring.
- Constituents present due to anthropogenic sources (USEPA 2001): background constituents may come from a variety of anthropogenic sources such as road runoff,

atmospheric deposition, washout by rainfall (or precipitation scavenging), and surface flow of constituents from upstream sources unrelated to activities at the Site.

USEPA (1989, 1992a, b) and NDEP (2008) guidance allows for the elimination of constituents from further quantitative evaluation if detected levels are consistent with naturally occurring levels. Typically, chemicals of potential ecological concern (COPECs) are selected for a risk assessment if they are elevated above naturally occurring levels based on statistical analyses. Generally, this approach is applicable to metals and radionuclides (USEPA 1989).

Consistent with the Work Plan, the Basic Remediation Company / Titanium Metals Corporation (BRC/TIMET 2007) regional background data set was used for this OU-2 SLERA. Specifically, as recommended by NDEP (Neptune 2017) and confirmed by Ramboll (2021), the 95 McCullough samples collected as part of the BRC/TIMET background study were used in the background evaluation for the OU-2 SLERA. The BRC/TIMET regional background data set (BRC/TIMET 2007) is summarized in Appendix C-4 of this OU-2 SLERA Report.

NDEP guidance (NDEP 2008a) recommends including field duplicates in a data set when the variance of the duplicates is similar to the variance of the primary samples. As noted in the guidance, field duplicate samples represent a discrete and unique measurement of soil chemical conditions proximal to the primary sample (unlike split samples). For the background evaluation presented in this report, soil samples with primary and field duplicate results were treated as independent samples, consistent with Option 2 in NDEP guidance (NDEP 2008a, b).

The background evaluation was performed using normal and lognormal Q-Q plots, and side-by-side box-and-whisker plots (box plots). These plots are included in Appendix C-5. Normal and lognormal Q-Q plots provide a visual assessment of how closely the data follow a normal or lognormal distribution. Data points that fall roughly on a straight line may be considered to follow a normal or lognormal distribution. Both background and OU-2 SLERA Area soil data are included on these plots such that the Q-Q plots provide a direct visual comparison of the two distributions. The Shapiro-Wilk test was used to evaluate the consistency of each data set more formally with a normal or lognormal distribution.

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

The computer statistical software program R (R Core Team, 2019) was used to perform all statistical tests⁸. Specifically, statistical background comparisons were performed using the t-test, Gehan test, Quantile test, and Slippage test. This suite of tests is sometimes referred to as “Gilbert’s Toolbox.” The t-test is a parametric test (i.e., an underlying condition is that the data or log-transformed data are normally distributed). In contrast, the Gehan test, Quantile test, and Slippage test are nonparametric, and thus do not require that the data are normally or lognormally distributed (USEPA 2002; NDEP 2009b). These tests are described below:

- The two-sample t-test tests for equality of the means of OU-2 SLERA Area and background concentrations. An underlying assumption of the test is that concentrations are normally distributed for both data sets.
- The Gehan test is a modification of the Wilcoxon Rank Sum test that evaluates the difference between the sums of the ranks for two populations. This is a nonparametric method for assessing differences in the center of the distributions and is based solely on the relative order (or ranking) of the observations from the two samples. This test has less power than the two-sample t-test when the data are normally distributed, but the assumptions are not as restrictive. The Gehan test uses the Mantel approach for ranking the data, which is equivalent to using the Gehan ranking system. The Gehan ranking system is used to rank non-detects with the detected concentrations (NDEP 2009b).
- The Quantile test evaluates “tail effects” that are not specifically considered in the Wilcoxon Rank Sum test. The Quantile test looks for differences in the right tails (upper end of the distribution), rather than evaluating central tendency. The Quantile test was performed using a defined quantile of 0.80, consistent with the approach used in the Parcels Soil HRA (Northgate Environmental Management, Inc. [Northgate] 2014).
- The Slippage test looks for a shift to the right in the extreme right tail of the background data set as compared with the extreme right tail of the OU-2 SLERA Area data set. This test evaluates whether the number of OU-2 SLERA Area samples with concentrations greater than the maximum background concentration is greater than would be expected statistically if the OU-2 SLERA Area and background distributions were the same.

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

Metals

The background evaluation for metals in the OU-2 SLERA Area is presented in Appendix C-5, as follows:

⁸ Neptune provided Ramboll with a copy of the R codes used for the statistical background evaluation on May 18, 2020.

- Table C-5a presents summary statistics for each metal, including the total number of samples, number of detections, percent detections, minimum sample quantitation limit (SQL), maximum SQL, minimum detected value, maximum detected value, median, mean, and standard deviation. Consistent with NDEP guidance (NDEP 2008a), the median, mean, and standard deviation are calculated based on detected concentrations only. The results of the Shapiro-Wilk test are also presented in the table.
- Table C-5b includes the calculated probability (p-values) for the four statistical tests and the overall determination as to whether soil concentrations in the OU-2 SLERA Area are greater than background levels (five results are shown in the table because the t-test was performed twice, once on the raw data set and once on the log-transformed data set).
- The figure C-5a and C-5b series present boxplots for metals and radionuclides in background soils and OU-2 SLERA Area soils (upper 2.5 ft).
- The figure C-5c series presents normal and lognormal Q-Q plots for metals and in background soils and OU-2 SLERA Area soils (upper 2.5 ft).

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

Radionuclides

The background (BRC/TIMET) data set includes results for the long-lived radionuclides in the U-238 decay series (U-238, U-234, Th-230, and Ra-226) and in the Th-232 series (Th-232, Ra-228, and Th-228). The BRC/TIMET background data set also includes data for U-235, but not for the U-235 decay chain. NDEP guidance (2009c) notes that most isotopes of the U-235 decay chain are barely discernible from the minimal detectable concentrations. The background evaluation and tests for secular equilibrium are presented in Appendix C-5, as follows:

- Table C-5c presents summary statistics for each radionuclide, including the total number of samples, number of detections, percent detections, minimum detected value, maximum detected value, median, mean, and standard deviation. Consistent with NDEP guidance (NDEP 2008a), the median, mean, and standard deviation are calculated based on detected concentrations. The results of the Shapiro-Wilk test are also presented in the table.
- Table C-5d includes the p-values for the four statistical tests and the overall determination as to whether soil concentrations in the OU-2 SLERA Area are greater than background levels (five results are shown in the table because the t-test was performed twice, once on the raw data set and once on the log-transformed data set).
- Tables C-5e present the results of the equivalence testing for secular equilibrium of the uranium decay series (U-238 chain)
- Table C-5f presents the results of the equivalence testing for secular equilibrium of the thorium decay series (Th-232 Chain).
- Table C-5g presents the correlation matrices for the uranium decay series and the thorium decay series.
- Figures C-5b series presents the boxplots for radionuclides in background soils and OU-2 SLERA Area soils (upper 2.5 ft).

- The figure C-5d series presents normal and lognormal Q-Q plots for radionuclides in background soils and OU-2 SLERA Area soils (upper 2.5 ft).

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

2.1.1.6 Description of Potentially Exposed Receptors

The identification of the categories of receptors in the OU-2 SLERA Area most likely affected by OU-1 Site activities helps focus the SLERA. A site reconnaissance in April 2018 by a Ramboll senior ecologist provided information on potential wildlife and habitats present in OU-2. The Clark County, Nevada Species Account Manual (Clark County Department of Comprehensive Planning 2003) provided information on Clark County's Multiple Species Habitat Conservation Plan and summarizes the appearance, occurrence, life histories and habitat preferences of a wide variety of species within Clark County, Nevada. Information from this document, the Peterson Field Guides (Peterson et al. 2010), and the April 2018 OU-2 reconnaissance was used to identify potentially exposed receptors. Based on this information, potentially exposed receptors in the OU-2 SLERA Area include⁹:

- Terrestrial plants
- Soil invertebrates
- Birds
- Mammals
- Reptiles
- The United States Fish and Wildlife Service (USFWS) and NDEP are the federal and state agencies, respectively, responsible for monitoring and managing at risk and protected species. Species with threatened or endangered listing status in Clark County are provided in Table 2-3. Of the species listed on Table 2-3, aquatic species, such as amphibians, fish and aquatic-feeding birds, would not be present within the OU-2 SLERA Area due to the absence of water resources. There is no record of special status species observations at or in the immediate vicinity of OU-2, and no special status species are expected within the OU-2 SLERA Area. Based on the April 2018 OU-2 site reconnaissance, there is no critical habitat on or in the immediate vicinity surrounding OU-2¹⁰.

2.1.1.7 Identification of Potentially Complete Exposure Pathways

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

1. A source of chemical constituents
2. An environmental medium and transport mechanism (such as historical runoff that impacted surrounding soils)
3. A point of exposure (such as surface soil)

⁹ Microorganisms in soil are not considered in the SLERA consistent with NDEP guidance (NDEP 2006).

¹⁰ Critical habitat is a term defined and used in the Endangered Species Act. It is a specific geographic area that contains features essential to the conservation of an endangered or threatened species and that may require special management and protection (USFWS 2014).

4. A route of exposure (such as a receptor touching, drinking, or eating contaminated soil)
5. A population of receptors (such as a community of terrestrial invertebrates)

The exposure pathway is considered complete and potentially capable of causing unacceptable risks only when all five parts are present. A CSM provides a description of ecological receptor pathways for contact with COPECs via release mechanisms and exposure to soil and/or associated food items. The ecological CSM for the OU-2 SLERA Area is provided in Figure 2-9 and identifies contaminant sources, release mechanisms, exposure media, exposure routes, and ecological receptors that were evaluated in the SLERA, based on the current understanding of environmental conditions in the OU-2 SLERA Area. This information was used as necessary to understand potentially complete ecological exposure pathways from soil for each receptor group in the OU-2 SLERA Area. These included areas where surface soil contamination has previously been addressed and where historical releases from potential source areas were documented or inferred from field investigations.

This SLERA focuses on the following potentially complete exposure pathways:

- Direct contact of terrestrial invertebrates to COPECs in surface soil.
- Direct contact and root uptake of surface soil COPECs by terrestrial plants.¹¹
- Exposure of terrestrial birds, mammals, and reptiles to COPECs through the incidental ingestion of soil and ingestion of terrestrial food items. Although other exposures, such as dermal (i.e. direct contact) or inhalation, may occur, these routes are poorly characterized for most wildlife species. Ingestion is considered the primary route of exposure for wildlife.

An example desert food web that reflects potential pathways considered in this OU-2 SLERA is illustrated in Figure 2-10. Areas of the OU-2 SLERA Area considered to be inaccessible or highly unlikely to attract wildlife were not considered in the SLERA, as there is no complete exposure pathway from source to receptor at these locations (e.g., developed areas). Based on the observations made during the April 2018 site reconnaissance (Appendices A and B), developed areas do not contain a significant number of ecologically attractive features that would entice wildlife to preferentially forage or nest there, as most of these areas are covered by buildings and pavement.

2.1.1.8 Identification of Generic Assessment and Measurement Endpoints

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

¹¹ The term plants in this SLERA Report includes all vascular, photosynthetic terrestrial plants consistent with NDEP guidance (NDEP 2006).

Because of the complexity of natural systems, it is generally not possible to directly assess the potential impacts to all ecological receptors present within an area. Therefore, receptor species (e.g., American robin) or species groups (e.g., plants) are often selected as surrogates to evaluate potential risks to larger components of the ecological community, or guilds (e.g., invertebrate eating or “invertivorous” birds), represented in the assessment endpoints (e.g., survival and reproduction of bird populations).

Appropriate assessment endpoints for this SLERA include those receptors that may be affected by COPECs that have migrated from the Site to the OU-2 SLERA Area, and for which complete exposure pathways exist. Ecological receptors are selected for their potential exposure, ecological significance, economic importance, societal relevance, and/or cultural significance.

The assessment endpoints used for the OU-2 SLERA are as follows:

- Survival, growth, and reproductive ability of indigenous terrestrial plant communities within the OU-2 SLERA Area
- Survival, growth, and reproductive ability of terrestrial invertebrate communities within the OU-2 SLERA Area
- Survival, growth, and reproductive ability of terrestrial bird populations within the OU-2 SLERA Area
- Survival, growth, and reproductive ability of terrestrial mammal populations within the OU-2 SLERA Area
- Survival, growth, and reproductive ability of reptile populations within the OU-2¹² SLERA Area

The analysis for special status species (including federally listed threatened and endangered species) is performed on an individual level, as even a single individual comprises a larger percentage of those populations at risk. There is no critical habitat in the OU-2 SLERA Area, and no record of special status species being observed at or in the immediate vicinity of the OU-2 SLERA Area (Table 2-3).

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

2.1.2 Screening-Level Ecological Effects Evaluation

The protective constituent-specific ESVs used in this OU-2 SLERA are summarized on Table 2-4a for the non-radiological constituents. ESVs for radiological constituents are identified on Table 2-4b. The ecological receptors that reside in the OU-2 SLERA Area are assumed to be as sensitive to the constituents as the most sensitive organisms used to develop the ESVs. ESVs are available from other scientific literature sources, one or more of which may be relevant to any given site. Further, ESVs may not be available from each source; therefore, consideration of a range of sources provides greater opportunity for identification

¹² Due to the lack of toxicity data available for reptiles, the evaluation for reptiles is presented qualitatively in the OU-2 SLERA Report.

of ESVs. The ESV hierarchy used in the OU-2 SLERA is consistent with the OU-2 SLERA Work Plan (Ramboll 2018), as follows:

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

The primary criteria sources listed above (i.e., Eco-SSLs, USEPA Region 4, USEPA Region 6, ORNL, and LANL) may not have ESVs for every chemical that was detected in surface soil in the OU-2 SLERA soil dataset. As such, secondary sources of criteria, such as the following, were also considered:

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

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

The radionuclide contaminants being screened in the SLERA were initially evaluated based on a comparison of concentrations of radionuclides in soil against the NERT background dataset to determine whether the concentrations found in OU-2 SLERA Area soils are significantly different than background. In the event that radionuclides were found in OU-2 SLERA Area soils at concentrations significantly higher than background, TRVs used as ESVs provided by LANL (2018) were used in the next steps of risk assessment process. The pathways of exposure include external exposure from soil and internal exposure from the uptake of radionuclides in food and water, as well as ingestion of soil. ESVs for radionuclides are derived from models that calculate the internal and external dose (LANL 2018).

2.2 Screening-Level Exposure Assessment and Risk Calculations

The screening-level exposure assessment Step 2 is comprised of the calculation of exposure (Section 2.2.1) and risk (Section 2.2.2) estimates (USEPA 1997, 2001).

2.2.1 Identification of Screening-Level Exposure Estimates

The maximum concentrations detected in surface soil used in the OU-2 SLERA are provided in Table 2-5a, including additional summary statistics, such as the number of samples analyzed, the percent of detections, the minimum, average and maximum detected concentrations, and the location of the maximum concentrations for each constituent. A table summarizing the background evaluation showing constituents that are similar to or significantly different than background is provided on Table 2-5b for metals and Table 2-5c for radionuclides.

2.2.2 Screening-Level Risk Calculations

Screening-level risk calculations are calculated in this OU-2 SLERA by dividing conservative, constituent-specific exposure estimates by conservative, constituent-specific ESVs. These unitless, constituent-specific ratios are referred to as HQs. Of the 291 chemicals evaluated in the screening, 209 chemicals were eliminated from further evaluation because they were not detected. HQs are defined by USEPA as follows:

- An HQ less than or equal to a value of 1 (to one significant figure) indicates that adverse impacts to wildlife are considered unlikely (USEPA 1997).
- At the screening level, where conservatively protective assumptions are used, an HQ exceeding a value of 1 indicates that further evaluation may be necessary to understand if that constituent is likely to pose an unacceptable risk to wildlife. Additional considerations in this OU-2 SLERA included comparison of OU-2 SLERA Area soil constituent concentrations to representative regional background constituent concentrations and the frequency that constituents were detected.
- The screening used in the OU-2 SLERA involves the following, conservatively protective assumptions:
 - The maximum constituent concentrations in soils were used to quantify risk to ecological receptors. Therefore, the receptors of concern were assumed to be exposed to only the maximum concentrations within the OU-2 SLERA Area rather than the actual range of concentrations.
 - Conservatively protective ESVs were used. The ecological receptors that reside within the OU-2 SLERA Area are assumed to be as sensitive to the constituents as the most sensitive organisms used to develop the ESVs.
- It was assumed that ecological receptors spend their entire life within the boundaries of the OU-2 SLERA Area where the maximum concentration was detected, even if that area contains no habitat for ecological receptors and even if ecological receptors wander in and out of the OU-2 SLERA Area boundaries.

Selecting the maximum concentration as the screening-level exposure value is conservative and protective. With the exception of plants and some less-mobile terrestrial invertebrates, it is very unlikely that most organisms would be exposed to the maximum concentration of a chemical for 100 percent of their life or even 100 percent of their day. Because wildlife moves throughout their home range, they are more likely to experience a wide range of concentrations throughout their life cycle and even during a single day. However, in

keeping with the conservative nature of a SLERA, maximum detected chemical concentrations were used in the screening.

The screening presented in Table 2-5a identifies:

- All of the chemical constituents included in each of the three data sources used in the OU-2 SLERA.
- The detection frequencies, maximum concentrations, and location of the maximum detected concentration;
- Maximum OU-2 SLERA Area soil constituent concentrations that were below the protective ESVs;
- Constituents with concentrations below the BRC/TIMET Regional Background Dataset; and,
- Constituents with detection frequency less than or equal to 5%.
- Chemicals were retained for further analysis in the risk assessment process if:
 - HQs using the maximum soil concentration for a chemical exceeds a value of 1;
 - The soil concentrations for a chemical within the OU-2 SLERA Area is statistically greater than the background concentration;
 - There is no ESV for the chemical; or
 - The chemical cannot be eliminated based on a detection frequency of less than or equal to 5%.
- Table 2-5d lists only those chemicals that did not pass the screening or do not have ESVs. These COPECs are retained for further analysis.
- Twenty-one COPECs had maximum concentrations that exceeded their respective ESVs (see the highlighted cells in the "Max HQ" column of Table 2-5a). However, 11 of the 21 COPECs (as listed in the table below) were eliminated from further evaluation because the concentrations of these constituents were not significantly different than background. Two of the 21 COPECs (as listed in the second table below) that had maximum concentrations that exceeded their respective ESVs had detection frequencies of less than 5% and were therefore eliminated from further evaluation, leaving eight chemicals. DDx is also carried through the risk assessment for thoroughness despite a maximum HQ of 1 in the screening due to the highly bioaccumulative nature of this constituent group resulting in a total of nine chemicals retained for further evaluation based on the maximum HQs greater than 1 (Table 2-5d).
- The following eleven chemicals have maximum HQs greater than 1 but have concentrations from within the OU-2 SLERA Area that were not significantly different than background. These constituents were therefore eliminated from further evaluation.
 - Aluminum
 - Antimony
 - Boron
 - Iron
 - Lithium
 - Manganese
 - Strontium
 - Thallium
 - Vanadium
 - Zinc

- Radium-228
- The following two chemicals with maximum HQs greater than 1 were eliminated from further evaluation because they were detected at a frequency of less than or equal to 5%.
 - Endrin aldehyde
 - Di-n-butylphthalate
- In addition, twenty-three COPECs that were detected had no ESV (Table 2-5a; see Max HQ column). Seven of the 23 COPECs with no ESV had concentrations in OU-2 SLERA Area soils that were not significantly different than background and two COPECs had detection frequencies of less than 5%. Therefore, these nine COPECs were eliminated from further evaluation, leaving 14 COPECs retained due to lack of an ESV for that constituent. In total, 23 COPECs (nine chemicals with HQs greater than 1 and 14 chemicals that have no ESVs) are retained and carried forward into the next steps of the risk assessment process (Table 2-5d). The 9 COPECs with HQs greater than 1 are evaluated in Sections 3.3 and 3.4. The 14 chemicals with no ESVs are discussed in the Uncertainty Section (Section 3.5).

Results of the background screening are provided in Table 2-5a, 2-5b, and 2-5c. The summary of constituents retained for further analysis is provided in Table 2-5d, as these are the constituents based on the preliminary screening identified in Table 2-5a. The constituents retained for further analysis and discussed further in Section 3 of this report are addressed through consideration of potential exposures and risks to plants and soil invertebrates via uptake to birds and mammals through the food web, or both, as indicated below:

HQ Summary for the Nine Constituents Retained for the Risk Characterization (Section 3)		
HQs using Maximum Soil Concentrations		
Constituent	Maximum HQ	Reason Retained
Beta-hexachlorocyclohexane (beta-BHC)	200	a
Perchlorate	200	a
Calculated Dioxin TEQ (mammals; ND=0.5DL)	70	b
bis(2-Ethylhexyl)phthalate	50	b
Calculated Dioxin TEQ (birds; ND=0.5DL)	30	b
Lead	10	a
Bromine	2	c
Cadmium	2	a
DDx	1	b

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Notes:

- a) Constituent (or constituent mixture) is retained for the screening specific for plants and soil invertebrates and retained for the wildlife food web modeling evaluation.
- b) Constituent (or constituent mixture) is retained for the wildlife food web modeling evaluation only (not retained for further consideration for plants and invertebrates).
- c) Constituent is retained for screening of plants and soil invertebrates only because it is not considered bioaccumulative.

The following 14 constituents identified on Table 2-5a do not have ESVs from the hierarchy of available USEPA ESV sources identified in this OU-2 SLERA report. These constituents are not considered bioaccumulative, so uptake via the wildlife food web is not considered likely. These constituents, summarized below, are discussed further as an uncertainty in Section 3 of this report, particularly with regard to how plants and soil invertebrates may be exposed.

- Fourteen COPECs with no ESV
 - General Chemistry
 - Bromide
 - Chlorate
 - Chloric Acid
 - Nitrate
 - Nitrite
 - Orthophosphate
 - Chlorine
 - Pesticides
 - 2,4-DB
 - Dicamba
 - 2-Methyl-4-chlorophenoxy acetic acid (MCPA)
 - Other
 - Sulfur
 - Sulfate
 - Oil range organics
 - Total organic halides

3. SLERA ECOLOGICAL RISK CHARACTERIZATION APPROACH AND RESULTS

The risk characterization phase integrates information from the preliminary problem formulation and the screening risk calculations provided in Section 2 of this report. Specifically, this SLERA ecological risk characterization focuses on those chemicals identified in Section 2.2.2, where the maximum detected concentrations exceeded conservative ESVs and background, and constituents were detected at a frequency of greater than 5 percent. The remainder of this section is organized as follows:

- Section 3.1 summarizes the assessment endpoints considered.
- Section 3.2 identifies the measurement endpoints used to refine COPECs.
- Section 3.3 describes the risk characterization for plants and soil invertebrates via direct contact pathways.
- Section 3.4 describes the risk characterization for birds, mammals, and reptiles via the food web pathways.
- Section 3.5 discusses uncertainties in the SLERA evaluation.

3.1 Assessment Endpoints Considered in the Risk Characterization

The assessment endpoints identified in Section 2.1.1.8 are those considered in this risk characterization. However, whereas the screening uses the most conservative ESV regardless of ecological receptor group to eliminate or retain COPECs, this risk characterization allows for the evaluation of each receptor group shown below separately in order to focus risk management decision-making on those chemicals, if any, that may truly pose a risk.

Ecological Receptor	Assessment Endpoints
Terrestrial plant community	Diversity, structure, and function
Terrestrial invertebrate community	
Terrestrial bird populations	Survival, growth, and reproductive ability
Terrestrial mammal populations	
Reptile populations	

3.2 Measurement Endpoints Used in the Risk Characterization of COPECs

The risk characterization of COPECs is based on the quantitative measurement endpoints described below. Potential risks to plants and soil invertebrates exposed to the constituents in OU-2 SLERA Area soils were evaluated. For this evaluation of plants and soil invertebrates, the maximum, the 95% upper confidence level of the mean (95% UCL) and average detected concentrations of constituents detected in OU-2 soil were compared to ESVs that are specifically focused on plants and soil invertebrates. This is in contrast to the use of generic ESVs used in the initial screening provided in Section 2.2.2 that simply uses the lowest ESV from the sources listed in Section 2.1.2. In order to illustrate exposure and

potential impacts (if any), the full data distributions for some constituents are discussed as they relate to plant and soil invertebrate ESVs.

Potential risks to bird, mammal, and reptile populations exposed to the constituents in OU-2 SLERA Area soils were assessed using a food web model for bioaccumulative constituents. The model utilized maximum and central tendency exposure concentrations for four bird species and five mammal species that may live and forage in the OU-2 SLERA Area. The species selected for the food web model represent herbivorous, omnivorous, insectivorous, and carnivorous feeding (trophic) guilds within the food web (Figure 2-10). The specific species evaluated include:

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

The food web model is performed using no observable adverse effect level (NOAEL) and lowest observable adverse effect level (LOAEL) TRVs for birds and mammals. The food web model evaluation also considers conservative, protective assumptions. For example, it was assumed that birds and mammals lived and foraged only in the OU-2 SLERA Area. In addition, more realistic assumptions are considered for some of the birds and mammals with larger home ranges.

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

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

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

- Terrestrial plant community diversity, structure, and function; and
- Terrestrial invertebrate community diversity, structure, and function.

The constituents in soil that were retained in Section 2.2.2 were evaluated for the direct contact pathway specific to plants and invertebrates. These evaluations occurred to the extent that plant and terrestrial invertebrate specific ecological benchmarks were available for consideration of these receptor groups. For these terrestrial communities, the refinement includes refined ecological benchmarks, hereafter referred to as refined screening values (RSV), relevant for these receptor groups. This process occurred as opposed to the generic screening values used in the screening steps which may be based on receptors irrelevant to the OU-2 SLERA Area. The RSVs were compiled from the literature where available and appropriate. The discussion below describes the refined exposure and effects assessment as well as the refined risk characterization for the terrestrial plant and invertebrate community.

The ecological benchmarks specific to the plant and soil invertebrate community are provided in Table 3-1. As noted on Table 3-1, there are not complete ESVs for plants and invertebrates for all detected constituents. For dioxins and furans, for example, a variety of studies have documented that invertebrates are not sensitive to dioxins and furans because they lack the aryl hydrocarbon receptor (AhR) upon which toxicity is exerted (Borgman et al. 1990, Hahn et al. 1994, West et al. 1997). West et al. notes that the ability of invertebrates to accumulate relatively high concentrations of dioxins and furans in the absence of toxic effects may be relevant to the transfer of these chemicals through the food web. Therefore, the uptake of dioxins and furans through invertebrates is considered in the food web evaluation.

The exposure point concentrations (EPCs) of the dataset used in this OU-2 SLERA are provided in Table 3-2. The use of maximum concentrations in the screening-level evaluation are not necessarily indicative of true exposures (e.g., receptors are unlikely to be exposed to the highest concentrations of all COPECs at all times). Therefore, 95% UCL of the mean soil concentrations (95% UCL) and average concentrations are also considered as EPCs for the evaluation of potential risks to plants and soil invertebrates. The 95% UCLs were calculated for compounds that exceeded conservative ESVs using R Code provided by Neptune¹³. Non-detected results were included as one-half the SQL. The R Code output identifying all 95% UCL calculations is provided in Appendix C-6. In instances where the recommended UCL was higher than the maximum concentration reported for a chemical, then the maximum concentration was used as a surrogate in the screening process.

Three Exposure Scenarios Considered			
	Maximum EPC	95% UCL EPA	Average EPC
OU-2 SLERA Dataset	✓	✓	✓

3.3.1 Risk Calculations for Plants and Soil Invertebrates

This evaluation for the terrestrial plant and invertebrate communities involves the calculation of HQs for plants and soil invertebrates based on the site-wide maximum, 95% UCL, and average concentrations against the benchmarks identified for plants and soil invertebrates described in Section 3.3.1.

$$\text{Hazard Quotient (HQ)} = \frac{\text{Maximum, 95\% UCL, \& Average Concentration}}{\text{Plant and Soil Invertebrate ESVs}}$$

Similar to the screening evaluation, HQs less than or equal to the threshold value of 1 indicate that the constituents do not pose an unacceptable risk. HQs that exceed the threshold value of 1 indicate a potentially unacceptable risk, although closer consideration may be warranted to understand whether this is the case (e.g., the magnitude of the HQ and the spatial distribution of elevated HQs), including the basis of the ecological

¹³ The higher UCL value generated between the bias-corrected accelerated bootstrap method (BCA UCL) and the test method was selected. Neptune provided Ramboll with a copy of the R codes used for the UCL calculation on May 18, 2020.

benchmark and other considerations, such as qualitative observations in areas where samples were collected.

- HQs for plants and soil invertebrates are provided in Table 3-3 and 3-4, respectively. There are a number of constituents on Tables 3-3 and 3-4 that do not have plant or soil invertebrate specific ESVs. These are discussed further below and in the uncertainty section (Section 3.5).

Terrestrial Plants

- As shown in Table 3-3, twenty-one COPECs were evaluated for plant-specific risks based on the screening results summarized in Table 2-5a. Five of the 21 COPECs were eliminated from further evaluation because maximum and/or 95% UCL concentrations of these COPECs were below plant specific ESVs. These include bromine, perchlorate, cadmium, lead, and calculated DDx (sum of DDT and metabolites). While bromine had an HQ of 2 using the maximum concentration, the HQ was below 1 using the 95% UCL concentration. The HQ using the maximum and 95% UCL concentrations of the other four COPECs were less than or equal to 1.
- Three COPECs have no ESVs but can be compared to background. These include nitrate, nitrite, and sulfate. Maximum and 95% UCL concentrations of nitrate and nitrite in soil exceed the 95% UCL background concentration. As such, these COPECs will be discussed further in the uncertainty section (Section 3.5). Maximum concentrations of sulfate in soil exceeds the 95% UCL background concentration, but the 95% UCL concentration of sulfate in OU-2 soils is below the 95% UCL background concentration. As such, sulfate is not expected to pose a risk to plants within the OU-2 SLERA Area and is not evaluated further in regard to plants.
- There are 13 COPECs with no ESVs and for which background comparison is not available (organic compounds). These COPECs are evaluated further in the uncertainty section (Section 3.5).
- Overall, the HQs for plants indicate that OU-2 SLERA Area soils do not pose unacceptable risks to plants, including special status plants, if they are present in the OU-2 SLERA Area in the future.

Soil Invertebrates

- Twenty-one COPECs were evaluated for soil invertebrate-specific risks based on the screening results summarized in Table 2-5a. Six of the 21 COPECs were eliminated from further evaluation because maximum and/or 95% UCL concentrations of these COPECs were below invertebrate-specific RSVs. These include perchlorate, cadmium, lead, beta-BHC, calculated DDx (sum of DDT and metabolites), and bis[2-Ethylhexyl] phthalate. HQs for soil invertebrates are provided on Table 3-4.
- Two sets of HQs are provided for perchlorate, beta-BHC, and DDx, as indicated in Table 3-4. One set of HQs is based on the ESV and another is provided using an RSV obtained from the literature that is specific to soil invertebrates, if available. An excerpt of Table 3-4 shows the two sets of HQs for these three constituents:

Excerpt from Table 3-4 – Soil Invertebrates				
Constituent	Soil Invertebrate ESV/RSV	Potential Risks to Soil Invertebrates		
		AVG	95% UCL	MAX
		HQ	HQ	HQ
Perchlorate	NOAEL	0.7	1	6
	LOAEL	0.07	0.1	0.6
beta-BHC	USEPA Region R4 ESV	20	40	200
	Novais et al. (2010) RSV	0.001	0.002	0.01
Calculated DDX	Eco-SSL ESV	0.03	0.05	0.2
	Eco-SSL RSV	0.003	0.005	0.02

Notes:

No observable adverse effect level (NOAEL); lowest observable adverse effect level (LOAEL); Ecological soil screening level (Eco-SSL); gamma-BHC (g-BHC); average (AVG); upper confidence level (UCL); maximum (MAX); background (BKG); ecological screening value (ESV); refined screening level (RSV)

Legend:

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

Beta-BHC reflects the largest maximum and 95% UCL HQs of 200 and 40, respectively, when using the USEPA Region 4 generic ESV. The USEPA Region 4 ESV for soil invertebrates (0.0003 mg/kg) is not directly based on a study of toxicity for soil invertebrates. Rather, it is based on predicted toxicity from an ecological structure-activity relationship soil model, which is a threshold for no adverse effects. USEPA guidance identifies ESVs and RSVs for many constituents but does not provide an RSV for beta-BHC. Therefore, a study of beta-BHC from scientific literature is used for a comparison. The study from Novais et al. (2010) is a toxicity study conducted on soil invertebrates. Novais et al. (2010) showed that there were no reproductive impairments at 18 mg/kg and no mortality at 5.6 mg/kg for the potworm (soil invertebrate) exposed to beta-BHC for 42 days. The Novais et al. (2010) study is used as an RSV for this OU-2 SLERA. The beta BHC concentrations from the OU-2 dataset are illustrated on Figure 3-1, which shows that the detected concentrations of beta-BHC are well below the soil invertebrate RSV of 5.6 mg/kg, resulting in HQs below 1.

The perchlorate HQs range from 1 to 6 using the 95% UCL and maximum EPCs, respectively, and the invertebrate NOAEL. The perchlorate HQs are less than the threshold value of 1 for 95% UCL and maximum EPCs using the perchlorate LOAEL. Perchlorate data distributions are provided in Figure 3-2. The maximum detected concentrations exceed the NOAEL ESV for soil invertebrates, but they are well below the LOAEL RSVs for invertebrates. As such, adverse impacts related to perchlorate in OU-2 SLERA Area soils is not expected.

Three COPECs have no ESVs but can be compared to background. As described for plants, these include nitrate, nitrite, and sulfate. Maximum and 95% UCL concentrations of nitrate and nitrite in soil exceed the 95% UCL background concentration. As such, these COPECs will be discussed further in the uncertainty section (Section 3.5). Maximum concentrations of sulfate in soil exceeds the 95% UCL background concentration. However, the 95% UCL concentration of sulfate in OU-2 soils is below the 95% UCL background concentration. As such, sulfate is not expected to pose a risk to plants or soil invertebrates within OU-2 and is not evaluated further.

There are 12 COPECs with no ESVs and for which background comparison is not available (as these are organic compounds). These COPECs are evaluated further in the uncertainty section (Section 3.5). However, overall, and based on the uncertainty evaluation for those COPECs that lack ESVs, the results provided in Tables 3-4 demonstrate that OU-2 soils do not pose an unacceptable risk to soil invertebrates when both the ESVs and RSVs are considered.

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

Food web pathways were considered for all preliminary COPECs identified in the SLERA as being potentially bioaccumulative. Table 2-5d provides a list of COPECs for consideration in the SLERA food web model. The chemicals considered to be bioaccumulative based on USEPA guidance documents (USEPA 2000, 2007a) include cadmium, lead, dioxins/furans (as TEQ), and beta-BHC. DDX was retained in the food web model to confirm that there is no potential risk from DDX, as the HQ based on screening was 1 and DDX is highly bioaccumulative. Perchlorate, which is not considered bioaccumulative, was also retained from the screening evaluation due to this chemical being a primary chemical of concern from OU-1 historical operations. This section discusses the following elements of the evaluation of food web pathways:

- Wildlife Receptors for Food Web Pathways (Section 3.4.1)
- Exposure Assessment for Food Web Pathways (Section 3.4.2)
- Effects Assessment for the Food Web Pathways (Section 3.4.3)
- Risk Characterization for the Food Web Pathways (Sections 3.4.4 and 3.4.5)

3.4.1 Wildlife Receptors of Interest

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

Representative Wildlife Species Selected for Evaluation in the OU-2 SLERA	
Carnivore	Cooper's Hawk
	Kit Fox
	Western Burrowing Owl
Omnivore	Raccoon
Herbivore	Mourning Dove
	Great Basin / Desert Pocket Mouse
Insectivore	American Robin
	Fringed Myotis (Bat)
	Desert Shrew

These species are both known to be susceptible to food web exposures or are representative prey of organisms that are susceptible to food web exposures (USEPA 1993). They reflect a range of trophic levels (e.g., carnivorous mammal as compared to an omnivorous mammal), and thus dietary exposure. Furthermore, dietary and toxicological information is available for these species, making them good candidate species for food web modeling (e.g., EPA 1993, Sample et al. 1996). As such, the selected species can be used as surrogate species to represent the types of exposures and potential impacts that could occur to other wildlife species within the OU-2 SLERA Area. These animals selected for the food web model are commonly found in southern Nevada.

3.4.2 Exposure Assessment for Food Web Pathways

As with plants and invertebrates, the food web evaluation considers three exposure scenarios with EPCs identified in Table 3-2. These include the maximum (worst case) and a central tendency estimates, characterized by the average and the 95% UCL when available (or the maximum when the UCL exceeded the maximum).

- Worst Case: This scenario uses maximum media concentrations to give upper-bound estimates of exposures within the OU-2 SLERA Area because wildlife does not remain fixed around a single point in space.
- Central Tendency Case (Average and 95% UCL): This scenario uses average media concentrations that more realistically estimate the types of exposures that are likely to occur as animals move around the OU-2 SLERA Area and beyond. The 95% UCL is the upper estimate of the average concentration. The average is used as well because sometimes the UCL exceeds the maximum concentration given the characteristics of the dataset.

3.4.2.1 Total Daily Intake

The exposure assessment yields estimates of total daily dose (TDD) of COPECs for the birds and mammals considered in the food web model via diet and incidental ingestion of soil while foraging or preening/grooming. Incidental ingestion of water was not considered

because there are no natural waterbodies within the OU-2 SLERA Area and soil is the only media examined in the OU-2 SLERA, as described in the OU-2 SLERA Work Plan (Ramboll 2018). TDIs were calculated based on the methodology described by USEPA (1993). The TDD is estimated as a function of an EPC, food ingestion rate, composition of diet, body weight, and area use factor (AUF).

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

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

Where:

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

and:

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

- C_{FOOD} = Concentration of COPEC in food (mg/kg)
- C_{FOOD1} = C_{MEDIUM} × BAF_{FOOD1} (mg/kg)
- P_{FOOD1} = Proportion of diet composed of food item 1 (unitless)
- C_{FOOD2} = C_{MEDIUM} × BAF_{FOOD2} (mg/kg)
- P_{FOOD2} = Proportion of diet composed of food item 2 (unitless)
- C_{FOOD i} = C_{MEDIUM} × BAF_{FOOD i} (mg/kg)
- P_{FOOD i} = Proportion of diet composed of the ith food item (unitless)
- C_{MEDIUM} = Concentration is the medium of interest, such as soil or plants
- BAF_{FOOD1} = Bioaccumulation factor for first food item (unitless)
- BAF_{FOOD2} = Bioaccumulation factor for second food item (unitless)
- BAF_{FOOD i} = Bioaccumulation factor for the ith food item (unitless)

Dietary dose for soil is estimated by multiplying the amount of soil that is ingested by the chemical concentration in the soil. Surface water is not considered a pathway in the OU-2 SLERA Area; therefore, the dietary dose by this pathway is 0. Dietary dose for food is obtained by summing the proportion of each dietary component multiplied by the concentration in each dietary component and multiplying that by the food ingestion rate. The concentration of chemicals in food and prey items (plants, invertebrates, small mammals) are estimated using COPEC concentrations in the OU-2 SLERA Area soil and

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

Absorption factors are also a component of the TDD. A conservative default value of 1 is used as the absorption factor (i.e., the fraction of chemical ingested that is absorbed into the system). This assumption likely overestimates the TDDs, as laboratory toxicity tests often use highly available forms of the test chemical, whereas actual bioavailability under natural conditions is considerably lower.

The three EPC scenarios described in Section 3.4.2 are used to perform a series of calculations that represent the TDD estimates for each bird and mammal receptor.

Three TDD Estimates in the Food Web Model for Each Bird and Mammal Exposed to Each COPEC		
Average TDD	95% UCL TDD	Maximum TDD
✓	✓	✓

3.4.2.2 Bioaccumulation and Bioconcentration Factors

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

BAFs and bioconcentration factors (BCFs) used for the food web modeling were obtained from literature sources such as Sample et al. (1997), Baes et al. (1984), Travis and Arms (1988), Belfroid et al. (1994), Belfroid et al. (1995), Beyer (1990), Beyer et al. (1996), and other related literature. The specific sources of BAFs and BCFs are provided in Appendix D — Tables D-1a, D-1b, and D-1c for plants, invertebrates, and mammals, respectively.

Bioaccumulation and Bioconcentration Factors for TEQ

The USEPA's Eco SSL guidance document (USEPA 2007b) develops a mathematical approximation for uptake factors of non-ionic organic constituents from soil into earthworms based on a series of equations that take into account the octanol-water partitioning

coefficient (K_{ow}), the lipid fraction of the earthworms, the organic carbon content of the soil, and the soil organic carbon to water partitioning coefficient (K_{oc}). This means that the uptake of hydrophobic persistent organic pollutants such as dioxins and furans is governed by the balance between the organic carbon in the soil and the lipids of the receptor mediated by the amount of the constituent that can be dissolved in soil porewater.

The USEPA (2007a) states:

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

Where:

C_{worm} = concentration in worm (mg/kg ww)

K_{ww} = biota to soil water partitioning coefficient (L soil pore water/kg ww tissue)

C_w = concentration in soil pore water (mg/L)

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

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

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

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

Where:

C_w = Concentration in soil porewater (mg/L)

C_s = Concentration in soil (mg/kg soil)

K_d = soil to water partitioning coefficient (L soil pore water/kg dry weight [dw] soil)

and:

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

Where:

f_{oc} = fraction of organic carbon in soil (kg organic carbon/kg soil)

K_{oc} = soil organic carbon to water partitioning coefficient (L soil pore water/kg organic carbon)

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

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

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

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

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

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

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

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

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

The soils within the NERT Site average 0.5287% organic carbon, or a f_{oc} of 0.00529.

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

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

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

$$K_d = 0.00529 \times (3.98 \times 10^6)$$

$$K_d = 21,042$$

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

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

$$C_{worm} = C_{soil} \times \left(\frac{8,242}{21,042} \right)$$

$$C_{worm} = C_{soil} \times 0.39$$

The OU-2 SLERA Area BAF for earthworms for dioxin and furan TEQs (as TCDD) is 0.39, calculated using equations 1 to 8 as shown above with the average organic carbon content of 0.5%. The organic carbon for the OU-2 SLERA Area ranges from 0.03% to 1.4%. BAFs derived using the average, 95th percentile, 99th percentile of f_{oc} are summarized below:

Range of Estimated TCDD BAFs Based on OU-2 Organic Carbon				
	Avg	95th Percentile foc	99th Percentile foc	Maximum foc
foc	0.005287	0.01264	0.014128	0.0145
BAFs	0.39	0.16	0.15	0.14

Literature studies were also considered as a basis of BAFs because Nevada is part of the American desert and *"the distribution and presence of earthworms will be closely associated with habitats that remain moist and protected from extreme temperature changes"* (Reynolds, 2015). The soils in the OU-2 SLERA Area are mostly sandy, dry, and compacted that provide little moisture and protection for earthworms (see photolog in Appendix B and description in Section 2.1.1.1). These soils have been described as *"primarily Quaternary alluvial deposits that slope north toward the Wash. The alluvium consists of a reddish-*

brown, heterogeneous mixture of well-graded sand and gravel, with lesser amounts of silt, clay, and caliche" (Section 2.1.1.1). Sand and gravel are not the type of soil where earthworms can flourish. Uptake factors for earthworms, therefore, likely overestimate the likelihood of chemical exposures via the food web within the OU-2 SLERA Area.

Studies of TCDD/TEQ uptake factors for terrestrial insects were also considered for the OU-2 SLERA Area food web model and are described here. The uptake factors provided are derived from a field study where TCDD was measured in soil and in a variety of insects in Florida (Young et al. 1987). TCDD soil concentrations were measured in three areas. The TCDD uptake factors calculated from this study, assuming a TCDD soil concentration of approximately 325 nanograms per kilogram (ng/kg, or 0.000325 mg/kg), range from 0.06 to 0.73 and as follows for crickets, insects, spiders, and grubs:

BAFs Estimated from Young et al. (1987)	Estimated TCDD BAF
Grasshoppers	Not detected, so BAF of 0
Crickets (minimum)	0.06
Crickets (maximum)	0.08
Soil/Plant Insects	0.12
Burrow Spiders	0.35
Beetle Grubs	0.73

Kay et al. (2005) surveyed soil and wildlife concentrations of TCDD near the Tittabawassee River in Michigan. Their data includes co-located soil concentrations and invertebrate concentrations that allow for calculation of BCFs for the reference area and two study areas. The estimated BAFs from this study range from 0.0062 to 0.55 in areas with average soil concentrations of TCDD, ranging from 2.04 ppt for the reference area and approximately 2,500 ppt for Locations 1 and 2 (i.e., 0.0000204 and 0.0025 mg/kg). Estimated BAFs using the data from Kay et al. (2005) showed that higher TCDD concentrations yielded lower BAFs.

BAFs Estimated from Kay et al. (2005)	Estimated BAFs		
	Reference Area	Location 1 Mean	Location 2 Mean
Fresh earthworms	0.34	0.051	0.039
Terrestrial, non-earthworm invertebrates	0.55	0.0062	0.012

The concentration range using TEQ for OU-2 SLERA Area soil is approximately 0.068 ng/kg to approximately 400 ng/kg, with an average of approximately 62 ng/kg for mammal TEQ (0.0000062 mg/kg to 0.00040 mg/kg, with an average of 0.000062 mg/kg, Table 2-5a),

and 0.895 ng/kg to 925 ng/kg, with an average of approximately 140 ng/kg avian TEQ (0.000000895 mg/kg to 0.000925 mg/kg, with an average of 0.000141 mg/kg, Table 2-5a). These concentrations are in the range of the Young et al. (1987) and the Kay et al. (2005) studies. Based on the available information, including the range of BAFs calculated using the USEPA EcoSSL (USEPA 2007b) formulae and OU-2 SLERA Area organic carbon data, the BAF used for OU-2 is 0.19. The uncertainty associated with the BAF is discussed in the uncertainty assessment.

3.4.2.3 Exposure Parameters

Exposure parameters include incidental soil ingestion rates, food ingestion rates, prey preferences (percent dietary composition), body weight, and foraging range. For terrestrial wildlife species, these parameters were generally obtained from the USEPA's Wildlife Exposure Factors Handbook (USEPA 1993) and ORNL's Estimating Exposure of Terrestrial Wildlife to Contaminants (ORNL 1994). Alternate sources were used if the standard sources did not provide sufficient information. The literature was reviewed for exposure factors specific to local or southwestern species where available.

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

Receptor-specific food ingestion rates were used for each of the receptors listed in Section 3.4.1 (USEPA 1993, Sample et al. 1997, USACHPPM 2004). Guidance documents (USEPA 1993, Sample et al. 1997, USACHPPM 2004) did not have receptor-specific food ingestion rates for the burrowing owl, fringed myotis, raccoon, and great basin pocket mouse. For these receptors, food ingestion rates were calculated using an allometric equation for either birds or mammals, as described in USEPA (1993), and converted from dry weight to wet weight as needed using the moisture content of the dietary items, which ranged from 10% to 75%. The exposure parameters or inputs for the receptor-specific dietary exposure models are identified by species in Appendix D-2. A summary of wildlife food web input variables and receptor parameters is provided in Table 3-5a based on the exposure parameters summarized in Appendix D for each bird and mammal receptor, as follows:

- Table D-2a: Cooper's Hawk Exposure Parameters
- Table D-2b: Kit Fox Exposure Parameters
- Table D-2c: Western Burrowing Owl Exposure Parameters
- Table D-2d: American Robin Exposure Parameters
- Table D-2e: Desert Shrew Exposure Parameters
- Table D-2f: Fringed Myotis Exposure Parameters
- Table D-2g: Raccoon Exposure Parameters
- Table D-2h: Mourning Dove Exposure Parameters
- Table D-2i: Great Basin Pocket Mouse Exposure Parameters

The AUFs account for site-specific exposure frequency and are applied when the foraging area of a wildlife receptor is larger than the area being assessed. AUFs account for mobile wildlife receptors obtaining at least a portion of their food outside the OU-2 SLERA Area. An AUF of 1 indicates that a wildlife receptor would obtain 100% of their diet from an area. An AUF of less than 1 (e.g., 0.4) assumes that a wildlife receptor would obtain only a portion

(e.g., 40% for a AUF of 0.4) of their diet from an area. Although the OU-2 SLERA Area encompasses a relatively large area and might include the entire foraging area of some wildlife receptors, there are many wildlife receptors with AUFs substantially larger than the OU-2 SLERA Area. The specific AUFs used for each of the bird and mammal wildlife receptors included in this OU-2 SLERA are also provided in Appendix D-2. For example, the AUF for the kit fox, whose home range is approximately 1,220 hectares based on radiotelemetry data, is set to 0.96 to adjust for the fact that the foxes home range is larger than the OU-2 SLERA Area (ORNL 1994). The basis of each AUF considered in this SLERA is described in Appendix D-2, as appropriate. Species such as mice, robins, and shrews do not have variable AUFs because their home ranges are small compared to the spatial scale of the area included in this OU-2 SLERA.

3.4.2.4 Calculation of Potential Doses

Food web, ingestion-based modeling calculations were performed to characterize potential exposures to contaminants via the food web and to identify potential adverse effects for mammals and birds, as provided in Appendix E, using the dataset in Tables E-1 to E-9.

The following tables are provided in Appendix E for the food web evaluation:

- Cooper's Hawk (Table E-1)
- Kit Fox (Table E-2)
- Western Burrowing Owl (Table E-3)
- American Robin (Table E-4)
- Desert Shrew (Table E-5)
- Fringed Myotis (Table E-6)
- Raccoon (Table E-7)
- Mourning Dove (Table E-8)
- Great Basin Pocket Mouse (Table E-9)

Understanding potential effects to populations requires some consideration of the spatial scale of effects. The portion of the OU-2 SLERA Area where constituent exposures may reasonably occur was conservatively estimated. Where birds and mammals have large home ranges, their exposure to constituents is lower than for birds and mammals with smaller home ranges.

Through food web modeling, COPECs were either retained or eliminated from further steps of the refined SLERA. As stated above, the food-web modeling starts from an initial set of extremely conservative assumptions (maximum EPC, 100% bioavailability, AUF of 1) and was used to identify chemicals that require further consideration. The food web model was refined to incorporate more realistic, site-specific assumptions to better understand both the conservative and realistic scenarios using refined exposure estimates.

3.4.3 Effects Assessment for Food Web Pathways

The effects assessment for wildlife is based on TRVs that relate ingested daily dose to ecotoxicological endpoints. TRVs for wildlife are literature-derived doses, below which adverse effects are unlikely. NOAEL TRVs are indicative of doses of constituents that have no deleterious effects on a given wildlife receptor. LOAEL TRVs are the minimum doses of constituents where deleterious effects are only just becoming apparent. Both NOAEL and

LOAEL TRVs were used in the ERA because the NOAEL TRVs represent the reasonable worst-case measure of effect and the LOAEL TRVs provide a realistic measure of effect. This approach provides a basis for understanding potential effects to individual birds and mammals. The results for birds and mammals can also be used to estimate potential risk to reptiles, considering the lack of TRVs available in the literature specific to reptiles.

The following literature sources were reviewed for TRVs to be used in the ERA:

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

The TRVs used in the food web model are provided in Table 3-5b. TRVs for dioxin and furan TRVs are based on bird and mammal TEQ, as described for birds and mammals.

Bird Dioxin/Furan TEQ TRVs

The dietary TRVs used for the food web modeling for birds in this OU-2 SLERA were derived from the Nosek et al. (1992a) pheasant study, as shown in Table 3-5b. These NOAEL and LOAEL TRVs are considered appropriately protective for use in the OU-2 SLERA because there is a scientific basis and a regulatory precedent for use of this study by USEPA. The scientific basis and USEPA precedents are described as follows: Nosek et al., 1992a, Nosek et al., 1992b, and Nosek et al., 1993, conducted several comprehensive toxicity studies of TCDD in the ring-necked pheasant. Nosek et al. measured egg production and hatchability following weekly exposure of hens via injection of TCDD into the abdominal cavity, at three concentrations for 10 weeks that included reproduction. Hens were dosed once per week for 10 weeks, with 10, 100, 1,000 ng TCDD per kg adult body weight ($\text{kg adult body wt}^{-1}$) per week (wk^{-1}). During weeks 9 and 10, the hens were bred to unexposed roosters. Eggs were collected from each hen and reared through hatching. All hens receiving 10 doses of 1,000 ng TCDD/kg adult body $\text{wt}^{-1}\cdot\text{wk}^{-1}$ (a cumulative dose of 10,000 ng/kg adult body wt^{-1}) died by the end of 24 weeks. Body weight and egg production in the high dose group declined, whereas body weight and egg production increased in the other treatment groups. Embryo mortality was 100% in the eggs produced by hens in the high dose group and generally occurred within 72 hours of laying. Embryo mortality appeared to increase in a dose-dependent manner but was only significantly different from controls in the high dose group. The subacute NOAEL and LOAEL derived from this study were 100 and 1,000 ng TCDD $\cdot\text{kg adult body wt}^{-1}\cdot\text{wk}^{-1}$. Based on daily dietary exposure, the NOAEL and LOAEL are 14 and 140 ng TCDD $\cdot\text{kg adult body wt}^{-1}$ per day (d^{-1}) based on adult mortality, egg production, and embryo mortality.

- The results of the same Nosek et al. (1992a) study have been used to develop TRVs in other studies, and they are therefore considered applicable for the NERT OU-2 SLERA. For example, Sample et al. (1996) used the NOAEL and LOAEL TRVs reported in Nosek et al. (1992a) as the basis for developing TCDD TRVs for

numerous avian wildlife receptors. Sample et al. (1996) did not apply any uncertainty factors to the values reported by Nosek et al. (1992a) due to the sensitivity of measured endpoints and are therefore not applied in this OU-2 SLERA. In addition, an interspecies uncertainty factor is not necessary because the pheasant is equally sensitive or more sensitive to TCDD induced effects than other avian species studied (e.g., Cohen-Barnhouse et al. 2011). The endpoints, egg laying and egg hatchability, measured in Nosek et al. (1992a) are of ecological relevance and likely the most sensitive endpoints for avian species; therefore, there is no endpoint extrapolation uncertainty factor.

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

Mammal Dioxin/Furan TEQ TRVs

The protective mammalian TRVs for this NERT OU-2 SLERA are based on the scientific literature: Murray et al. 1979; Moore et al. 2011; and Zwiernik et al. 2009. Specifically, the Murray et al. (1979) rat study was used for the evaluation of exposures and risks for the pocket mouse in this OU-2 SLERA, shown in Table 3-5b. TRVs derived from studies on sensitive species, such as mink, were considered conservative and protective for the evaluation in this OU-2 SLERA. While mink are not present in the OU-2 SLERA Area due to the lack of available aquatic habitat, mink have been observed to be among the most sensitive mammalian species for which information on the effects of dioxins, furans, and related compounds is available. Therefore, use of mink TRVs for the shrew, raccoon, kit fox, and fringed bat is considered a conservative evaluation of potential risks for these receptors. The studies considered for OU-2 SLERA TRVs are briefly described as follows:

- Murray et al. (1979) conducted a three-generation reproduction study in which Sprague-Dawley rats were exposed by diet to three doses of TCDD plus a control (0, 1, 10, and 100 ng·kg body wt⁻¹·d⁻¹) through a reproductive life stage. No adverse effects were observed at a dose level of 1 ng TCDD·kg body wt⁻¹·d⁻¹. At 10 ng TCDD·kg body wt⁻¹·d⁻¹, adverse effects were observed including a decrease in fertility, litter size, gestation survival, postnatal survival, and postnatal body weight. This was a multi-generational study that considered dietary exposure during reproduction, and the effect levels are lower than reproductive effect levels reported for other mammals. Hence, the 1 and 10 ng TCDD·kg body wt⁻¹·d⁻¹ doses were considered to be chronic NOAELs and LOAELs that are appropriately conservative for the range of sensitivity for mammals in terrestrial habitats.
- Blankenship (2007) identified dietary TRVs for mink exposed to TEQ that ranged from 12.1 to 56.6 ng TEQ·kg feed(ww)⁻¹ for the NOAEC and from 50.4 to 242 ng TEQ·kg feed(ww)⁻¹ for the LOAEC. The corresponding body weight normalized doses for the high end of each of these ranges are 7.2 ng TEQ kg body wt⁻¹ d⁻¹ for NOAEL (Bursian et al. 2006) and 31 ng TEQ kg body wt⁻¹ d⁻¹ for LOAEL (Zwiernik et al. 2009).
- The more recent and relevant laboratory feeding study conducted by Moore et al. (2011) evaluated reproductive and developmental effects of 2,3,7,8-TCDD, 2,3,7,8-

tetrachlorodibenzofuran (TCDF) and 2,3,4,7,8-pentachlorodibenzo-p-furan (PeCDF). The design of the feeding study followed the WHO's recommendations for exposure studies investigating the relative potency of dioxin-like compounds (Van den Berg et al. 1998; Van den Berg et al. 2006). Mink exposure occurred over an entire reproductive cycle as part of the daily diet for 117 female mink and their offspring. The study included four doses each for three treatments: two individual furan congener treatments (TCDF and PeCDF) and a single dioxin treatment (TCDD). The lower doses bracketed environmentally relevant concentrations, while the highest dose-level for each congener (TCDD=8.4 ng, PeCDF=15 ng, and TCDF=25 ng TEQ/kg body wt-1 d-1) was significantly greater than median predicted environmental exposures for dioxin-contaminated sites. Based on TEF-normalized PCB and PCB mixture feeding studies, this was expected to elicit complete reproductive failure. Measurement endpoints included adult survival, adult breeding success, whelping success, kit survival, nutritional status, feed consumption, gross morphology attributes including organ masses and physical abnormalities, induction and activity of cytochrome P450 xenobiotic metabolizing enzymes (enzyme induction, protein concentrations, and gene expression related to cytochrome P450), liver and jaw histology, and kit health measurements including birth mass, survival, and growth. TCDD, PeCDF or TCDF, at the greatest doses employed, did not result in complete reproductive failure. In fact, the greatest dose did not elicit a statistically significant response for any of the measurement endpoints associated with reproduction or survival. Therefore, congener-specific NOAELs derived from the Moore et al. (2011) study are applied as NOAELs in this OU-2 SLERA (8.4 ng TCDD TEQ, 15 PeCDF ng TEQ, and 25 TCDF ng TEQ kg body wt-1 d-1). The LOAEL of 31 ng TEQ kg body wt-1 d-1 from Zwiernik et al. (2009) is also applied but considered conservative due to the presence of co-contaminants.

- There is a wide range of species sensitivities to PCDDs, PCDFs, and other AhR-active chemicals (Gasiewicz et al. 1991). Thus, the less related the test species is compared to the receptor of concern, the more uncertainty is associated with the TRV. Very few studies have evaluated ecologically relevant endpoints after chronic exposure of dioxins and furans to mammals. Given that limitation, studies that included ecologically relevant endpoints such as effects on reproductive and developmental toxicity as well as reduced survival were relied upon whenever possible.

3.4.4 Refined Risk Calculations for Food Web Pathways

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

$$\text{FWM HQ} = \frac{\text{TDI}}{\text{TRV}}$$

Where:

- HQ = Hazard quotient
- TDI = Total daily intake
- TRV = NOAEL and LOAEL TRVs

The food web model for the OU-2 SLERA Area presents a matrix of risk assessment results (i.e., HQs) in terms of the NOAEL HQs and LOAEL HQs for each of the bird and mammal wildlife receptors as follows:

Bird and Mammals	Food Web Model Risk Estimates (HQs) for Birds and Mammals					
	NOAEL			LOAEL		
	Maximum	Average	UCL	Maximum	Average	UCL
Cooper's Hawk	✓	✓	✓	✓	✓	✓
Kit Fox	✓	✓	✓	✓	✓	✓
Burrowing Owl	✓	✓	✓	✓	✓	✓
American Robin	✓	✓	✓	✓	✓	✓
Desert Shrew	✓	✓	✓	✓	✓	✓
Fringed Bat	✓	✓	✓	✓	✓	✓
Raccoon	✓	✓	✓	✓	✓	✓
Mourning Dove	✓	✓	✓	✓	✓	✓
Pocket Mouse	✓	✓	✓	✓	✓	✓

Where:

- ✓ Reflects the most conservative of any risk estimate, likely not realistic because wildlife is not continuously exposed to maximum concentrations.
- ✓ Reflects varying degrees of conservative risk estimates depending on the exposure point concentration (maximum or central tendency), the dataset used (all data or the refined dataset excluding data points from soils under asphalt and pavement), and the toxicity reference value (reflecting "no observable adverse effect" or the "lowest observable adverse effect").
- ✓ Reflects the risk estimates (i.e., HQs) that are most informative as to whether or not potential "lowest observable adverse effects" are likely to be observed for one or more of the birds and mammals evaluated.

The ecological significance of risk must consider the available information, such as wildlife use of the environment, the spatial extent of the release, the persistence of the release (i.e., the temporal scale), and natural variability within the system (and whether impacts can be measured separate from natural variability). The spatial scale of the risk is considered relative to the extent of the actual wildlife populations, the number of organisms within the population that may be impacted, the correlation between stressor and response as indicated by the TRV, the scientific basis for judging environmental harm, the receptor specificity of available data and how that relates to the OU-2 SLERA Area, and the representativeness of exposure and effects data sets (spatial, temporal, and quantitative) (Barnthouse et al. 2008; USEPA 1997, 1994).

3.4.5 Risk Characterization for the Food Web Pathways

The risk characterization for the food web pathways involves the integration of the exposure assessment and effects assessment to evaluate the likelihood, severity, and spatial

distribution of predicted or observed effects. For the food web pathways, this is an HQ that compares the TDI and TRV, where an HQ that is less than or equal to a threshold value of 1 indicates that adverse impacts to bird and mammal populations via the food web is unlikely.

The food web model HQs for each of the representative species identified in Section 3.4.1 is provided in Appendix E, Tables E-1 through E-9, as follows:

- Table E-1 Potential Daily Dose and Hazard Quotients for Cooper's Hawk
- Table E-2 Potential Daily Dose and Hazard Quotients for Kit Fox
- Table E-3 Potential Daily Dose and Hazard Quotients for Western Burrowing Owl
- Table E-4 Potential Daily Dose and Hazard Quotients for American Robin
- Table E-5 Potential Daily Dose and Hazard Quotients for Desert Shrew
- Table E-6 Potential Daily Dose and Hazard Quotients for Fringed Myotis
- Table E-7 Potential Daily Dose and Hazard Quotients for Raccoon
- Table E-8 Potential Daily Dose and Hazard Quotients for Mourning Dove
- Table E-9 Potential Daily Dose and Hazard Quotients for Great Basin Pocket Mouse

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

- Food Web Model Maximum Hazard Quotient Summaries are provided on Table 3-6
- Food Web Model Average and 95% UCL Hazard Quotient Summaries are provided on Table 3-7.
- Food Web Model 95% UCL/LOAEL Hazard Quotient Summaries are provided on Table 3-8.

Constituents with All HQs Less than the Threshold of 1 using Maximum EPCs

HQs are less than the threshold value of 1 for perchlorate, cadmium, beta-BHC, and DDX using maximum EPCs, which is the most conservatively protective scenario evaluated (Table 3-6). As such, these results support a conclusion that no adverse impacts are expected via the food web for any of the wildlife species evaluated for these four COPECs.

Constituents with Some HQs Exceeding the Threshold Value of 1 with Maximum EPCs

As can be seen in the table with the maximum HQ summaries for the OU-2 dataset (Table 3-6), there are some constituents and some wildlife receptors with HQs exceeding the threshold value of 1. HQs using maximum soil concentrations and conservative NOAELs results in mammal TEQ HQs of 2 for the desert shrew. HQs using maximum soil concentrations and conservative NOAELs results in bird TEQ HQs of 2 for the American robin. HQs using maximum concentrations of lead and conservative NOAELs results in an HQ of 3 for the robin. HQs using maximum soil concentrations and more realistic LOAELs results in a TEQ and lead HQ of 2 for the American robin. All other HQs using maximum soil concentrations and LOAELs are less than or equal to 1.

HQs Exceeding the Threshold Value of 1 with 95%UCLs with NOAELs and LOAELs

HQs are summarized in Table 3-7 for 95% UCLs with NOAELs and LOAELs for the OU-2 soil dataset. All HQs are less than the threshold value of 1 for all constituents, indicating that adverse impacts to bird and mammal populations via the food web is unlikely even when

using the highly conservative assumption that wildlife spends 100% of their time within the OU-2 SLERA Area.

All HQs for 95%UCLs with LOAEL TRVs

The HQs for each COPEC are below the threshold value of 1 for all of the 95% UCL and LOAEL HQs, as summarized on Table 3-8, even when using the highly conservative assumption that wildlife spends 100% of their time within OU-2.

Conclusions for Birds and Mammals via the Food Web Modeling Evaluation

Collectively, these findings support the conclusion that the constituents present in OU-2 SLERA Area soils do not pose an unacceptable risk to wildlife via the food web.

3.4.5.1 Risk Characterization for Reptiles

Although populations of herpetofauna (reptiles and amphibians) are valued ecological entities, the current state of the art techniques for risk assessment are insufficient to adequately incorporate herpetofauna in risk analysis with acceptable levels of uncertainty (Sparling, Linder, and Bishop 2000). Therefore, generalizations are made regarding risk to reptiles using terrestrial invertebrates, mammals, and birds. Results indicate that there is little to no risk for terrestrial invertebrates, mammals, and birds in the OU-2 SLERA Area; therefore, risks to reptiles and amphibians are likely to be minimal to non-existent. Furthermore, the OU-2 SLERA Area habitat is predominantly developed and improved with buildings and roads, such that there is very limited natural habitat for reptiles and no known habitat for amphibians in this area.

3.5 Characterization of Uncertainties

The characterization of uncertainty is a component of the ERA process (USEPA 1997). Some of these uncertainties were discussed in Section 2 of this report. The ERA process seeks to reduce uncertainty (when possible) using site-specific information. Uncertainties associated with the following food web model attributes were considered and discussed. A detailed summary of the uncertainties associated with the OU-2 SLERA is provided in Table 3-9.

COPECs Lacking ESVs

- The primary uncertainty in this OU-2 SLERA is the lack of ESVs for fourteen of the constituents detected within the OU-2 SLERA Area. These are:
- General chemistry: bromide, chlorate, chloric acid, chlorine, nitrate, nitrite, ortho-phosphate, sulfate
- Metals: sulfur;
- Pesticides: 2,4-DB, Dicamba, MCPA;
- Oil range organics;
- Total organic halides;

None of these constituents are bioaccumulative, so the concern lies with potential risks to plants and soil invertebrates only. A summary of the information available for these constituents lacking ESVs is provided in Table 3-10, including the frequency of detection and the background concentrations. These constituents were initially considered in the screening provided in Section 2 of this report; constituents were retained for further consideration with maximum detected concentrations exceeding background concentrations

(metals) and a frequency of detection exceeding 5%. Since there are no ESVs given the extensive sources considered, as described in this SLERA, the uncertainty assessment provided in Table 3-10 considered average detected concentrations exceeding background concentrations and a frequency of detection exceeding 10%. In addition, there are several constituents detected only 1 time (total organic halides, MCPA, dicamba, and 2,4-DB). Ortho-phosphate, sulfur and oil range organics had a detection frequency less than 10%. Bromide does not have ESVs, but the maximum HQ for bromine was 2 and the 95% UCL HQ for bromine is less than 1. Therefore, it is unlikely that bromide poses an ecological risk.

Average concentrations of nitrate and sulfate concentrations within the OU-2 SLERA Area are below background. Chlorate was sampled in four locations and detected at only two of the four locations. The half-life of chlorate in soil ranges from 7 to 47 days (European Chemicals Agency, 2021). As such, current chlorate concentrations in soil are unlikely to pose a risk to ecological receptors within the OU-2 SLERA Area.

As seen in Table 3-10, the constituents lacking an ESV that remain for additional consideration include chloric acid, chlorine, and nitrite.

- Chloric acid was only detected in six of 30 samples collected from the OU-2 SLERA Area. Chlorine was detected in 93% of samples. The location with the highest concentrations of these constituents is TSB-AR-06. Chlorine is not expected to be found in soil since it reacts and volatilizes so rapidly. Chlorine is too reactive to be bioavailable from soil, water, or other environmental media (ATSDR 2021). Chloric acid partitions from soil to air and water quickly with a half-life in the atmosphere of 11 days. It is therefore, like chlorine, unlikely to be present in soil in significant concentrations even after days or weeks. Chlorine and chloric acid are therefore unlikely to present a risk to terrestrial receptors within the OU-2 SLERA Area.
- Nitrite was detected in 15% of the samples collected from the OU-2 SLERA Area. The maximum concentrations of nitrite were found at location SA27. Nitrite is part of the nitrogen cycle and is an essential element for the survival of plants (as well as animals) because of its use in the creation of amino acids, and therefore, the formation of proteins. This is very likely the reason there are no ESVs for nitrite as it is not an inherently toxic chemical.
- Locations SA27 and TSB-AR-06 are in Parcel A, which has been redeveloped. There is no indication that these concentrations pose an unacceptable risk but considering that they no longer exist for wildlife exposures is relevant.

COPECs Lacking Plant ESVs

Beta-BHC lacks a plant-specific ESV. As this chemical is a pesticide, plants are inherently less sensitive to exposure than invertebrates. The location with the highest chloric acid, chlorine, and sulfur concentrations is TSB-AR-06 (maximum chlorine concentration = 4,410 mg/kg). These locations are in Parcel A, which has been redeveloped. There is no indication that these concentrations pose an unacceptable risk and since this area has been redeveloped, wildlife exposure do not occur.

- There was no plant-specific ESV for bis(2-Ethylhexyl)phthalate, which results in this COPEC being retained as an uncertainty. However, bis(2-Ethylhexyl)phthalate had a

detection frequency of 9% and is therefore, given the low frequency of this COPEC, not likely to pose a risk to terrestrial plants.

Evaluation of Detection Limit Uncertainties

An evaluation of detection limits (i.e., sample quantitation limits) for constituents analyzed is provided in Appendix F. Specifically, the ratio of sample quantitation limits to ESVs is provided. This ratio is similar to an HQ mathematically, but since the constituent was not actually detected, it is referred to as a ratio for this discussion. The constituents with quantitation limits that exceed ESVs are identified, with the ratios sorted from highest to lowest and showing the constituent detected, the location where it was detected, the sample quantitation limit for the sample, and the ratio. Overall, the sample quantitation limits for constituents were suitable for this SLERA, as the ratios for sample quantitation limits and ESVs for most constituents not detected were less than 1.

The constituents with the most frequent sample quantitation limits exceeding ESVs at the highest ratios (i.e., greater than or equal to 100) include hexachlorocyclopentadiene, guthion, malathion, and toxaphene. Those chemicals with intermediate ratios (between 10 and 100) include ethylene glycol, and parathion.

Additional OU-2 SLERA Uncertainties

Some additional examples of uncertainties associated with this OU-2 SLERA include:

- Uncertainties that exist in ecological modeling;
- Use of standardized receptor parameters that may not be reflective of the actual body weights, intakes, or dietary preferences of organisms at the Site;
- Use of a single BAFs in food web estimates, as it is possible that BAFs for some chemicals range in value based on the organic carbon content of soil and the type of organism (e.g., plant, soil invertebrate, or mammal);
- Extrapolation laboratory toxicity benchmarks to wildlife;
- AUFs that may not reflect actual organism use of the study area, particularly given human disturbances within the area;
- Conservative toxicological benchmarks;
- HQs that indicate that risks are greater than NOAEL concentrations but less than LOAEL concentrations; and
- Risks to reptiles and amphibians.

The uncertainties identified for this OU-2 SLERA are not significant and do not lead to data gaps or uncertainties that prevent conclusions from being drawn at this time.

4. OU-2 SLERA CONCLUSIONS

The objective of this OU-2 SLERA was to determine which one of the following is applicable:

1. Constituents which may have been released during historical manufacturing activities at the Site have the potential to pose risks to ecological resources within the OU-2 SLERA Area and a risk management decision can be made.
2. The available data are adequate to conclude that constituents present from historical manufacturing activities at the Site do not pose an unacceptable risk to ecological receptors in the OU-2 SLERA Area, and, therefore, there is no need for further action on the basis of ecological risk.
3. The available information is not adequate to make a decision, whereupon the ERA process should continue beyond this screening-level evaluation.

The OU-2 SLERA Area evaluation demonstrated that constituents detected in the OU-2 SLERA Area soils (including constituents not linked to historical activities at the NERT Site based on the screening for OU-1-specific COPCs) do not pose unacceptable risks for:

- The plant and soil invertebrate community;
- Birds and mammals that inhabit or forage in OU-2; and
- Reptiles.

While there are uncertainties in all ERAs, the uncertainties identified for this OU-2 SLERA are not significant and do not lead to data gaps or uncertainties that prevent conclusions from being drawn at this time. The uncertainty evaluation for the OU-2 SLERA Area demonstrates that there are no unacceptable ecological risks related to constituents in OU-2 SLERA Area soils. Therefore, there is no need for further action in the OU-2 SLERA Area on the basis of ecological risk.

5. REFERENCES

- ATSDR (Agency for Toxic Substances and Disease Registry). Toxicological Profiles Database. Toxicological Profiles | ATSDR (cdc.gov). Accessed May 2021.
- Baes, C.F.I., R.D. Sharp, A.L. Sjoreen, and R.W. Shor. 1984. A review and analysis of parameters for assessing transport of environmentally released radionuclides through agriculture. ORNL5786. U. S. Dept. of Energy, Oak Ridge, TN.
- Barnthouse L.W., W.R. Munns, Jr., and M.T. Sorensen (eds). 2008. Population-Level Ecological Risk Assessment. SETAC Press/Taylor and Francis, Boca Raton, FL.
- BEC (Basic Environmental Company). 2007a. Phase 2 Sampling and Analysis Plan to Conduct Soil Characterization, Tronox Parcels "A" and "B" Site, Henderson, Nevada (Revision 1).
- BEC (Basic Environmental Company). 2007b. Technical Memorandum – Data Review for 2007 Tronox Parcels A/B Investigation, BMI Industrial Complex, Clark County, Nevada. December.
- Belfroid, A., J. Meiling, D. Sijm, J. Hermens, W. Seinen, and K. van Gestel. 1994. Uptake of Hydrophobic Halogenated Aromatic Hydrocarbons from Food by Earthworms (*Eisenia andrei*). Archives of Environmental Contamination Technology 27: 260-265.
- Belfroid, A., W. Scejnen, K. van Gestel, J. Hermens, and K. van Leeuwen. 1995. Modeling the Accumulation of Hydrophobic Organic Chemicals in Earthworms. Environmental Science and Pollution Research 2(1): 5-15.
- Beyer, N. 1990. Evaluating Soil Contamination (Biological Report 90(2)). U.S. Fish and Wildlife Service.
- Beyer, W.N., G.H. Heinz, and A.W. Redmon-Norwood (eds). 1996. Environmental Contaminants in Wildlife: Interpreting Tissue Concentrations. Boca Raton: Lewis Publishers.
- Borgman U., W.P. Norwood, K.M. Ralph. 1990. Chronic toxicity and bioaccumulation of 2,5,2',5' and 3,4,3',4'-tetrachlorobiphenyl and Aroclor 1242 in the amphipod (*Hyalella azteca*). Arch. Environ. Contam. Toxicol. 19:558-564.
- Blankenship, A.L., Kay, D., Zwiernik, M., Holem, R., Newsted, J., and Hecker, M. 2008. Toxicity reference values for mink exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) equivalents (TEQs). Ecotoxicology and environmental safety. 69. 325-49.
- Basic Remediation Company (BRC). 2007. BRC Closure Plan, Revision 1; BMI Common Areas; Clark County, Nevada. May. Approved by NDEP on July 16, 2007.
- BRC and Titanium Metals Corporation (BRC/TIMET). 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity. March 16. NDEP commented May 31, 2007 requested errata pages; Errata submitted June 28, 2007; NDEP approved July 3, 2007; Addendum submitted July 22, 2007. Approved by NDEP on July 26, 2007.

- Bursian, S.J., K.J. Beckett, B. Yamini, P.A. Martin, K. Kannan, K.L. Shields, and F.C. Mohr. 2006. "Assessment of Effects in Mink Caused by Consumption of Carp Collected from the Saginaw River, Michigan, USA." *Arch. Environ. Contam. Toxicol* 50:614-23.
- Clark County (Nevada) Department of Comprehensive Planning. 2000. Clark County Multiple Species Habitat Conservation Plan and Environmental Impact Statement for Issuance of a Permit to Allow Incidental Take of 79 Species in Clark County, Nevada. September 2000. Appendix A: Ecosystem Analyses.
- Clark County (Nevada) Department of Comprehensive Planning. 2003. Species Account Manual. Clark County Comprehensive Planning.
http://www.clarkcountynv.gov/Depts/dcp/Documents/Library/dcp%20reports/2003/20031100_MSHCPSpeciesAcctManual.pdf.
- Cohen-Barnhouse. A.M., M.J. Zwiernik, J.E. Link, S.D. Fitzgerald, S.W. Kennedy, J.P. Giesy, S. Wiseman, P.D. Jones, J.L. Newsted, D. Kay, and S.J. Bursian. 2011. Developmental and posthatch effects of in ovo exposure to 2,3,7,8-TCDD, 2,3,4,7,8-PECDF, and 2,3,7,8-TCDF in Japanese quail (*Coturnix japonica*), common pheasant (*Phasianus colchicus*), and white leghorn chicken (*Gallus gallus domesticus*) embryos. *Environmental Toxicology and Chemistry*. 30(7):1659-68.
- E&E (Ecology & Environmental). 1982. Summary and Interpretation of Environmental Quality Data, BMI Industrial Complex, Henderson Nevada. November.
- Efroymson, R. A., M. E. Will, G. W. Suter II, and A. C. Wooten. 1997a. Toxicological benchmarks for screening potential contaminants of concern for effects on terrestrial plants: 1997 Revision. ES/ER/TM-85/R2.
- Efroymson, R.A., G. W. Suter II, B.E. Sample, D.S. Jones. 1997b. Preliminary Remediation Goals for Ecological Endpoints. ES/ER/TM-162/R2
- Efroymson, R. A., M. E. Will, and G. W. Suter II. 1997c. Toxicological benchmarks for screening potential contaminants of concern for effects on soil and litter invertebrates and heterotrophic process: 1997 Revision. ES/ER/TM-126/R2.
- ENSR (ENSR International Corporation). 2005. Conceptual Site Model, Kerr-McGee Facility, Henderson, Nevada, ENSR, Camarillo, California, 04020-023-130. February and August 2005.
- ENSR. 2007. Phase A Source Area Investigation Report, Tronox LLC Facility, Henderson, Nevada. May 1.
- European Chemicals Agency (ECHA). [Potassium chlorate - Registration Dossier - ECHA \(europa.eu\)](#). Accessed May 5, 2021.
- ECHA. [Hydrogen chloride - Registration Dossier - ECHA \(europa.eu\)](#). Accessed May 8, 2021.
- Gasiewicz, T.A., C.J. Elferink, and E.C. Henry. 1991. "Characterization of Multiple Forms of the Ah Receptor: Recognition of a Dioxin-Responsive Enhancer Involves Heteromer Formation." *Biochemistry* 30:2909-16.
- Hahn, M.E., A. Poland, E. Glover, J.J. Stegeman. 1994. Photoaffinity labeling of the Ah receptor: Phylogenetic survey of diverse vertebrate and invertebrate species. *Arch. Biochem. Biophys.* 310:218-228.

Screening-Level Ecological Risk Assessment for OU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

- Health Effects Research Department. 2007. Wildlife Toxicity Assessment for Perchlorate (USACHPPM Document No. 87-MA02T6-05D). February.
- Kay, D., A. Blankenship, M. Zwiernik, J. L. Newsted, P. D. Jones and J. P. Giesy. 2005. PCDDs and PCDFs in Aquatic and Terrestrial Food Webs of the Tittabawassee River, Michigan, USA. *Organohalogen Compounds*. 67:2130-2133.
- Kerr-McGee. 1998. Preliminary Report on a Hydrologic Investigation of Channel-Fill Alluvium at the Pittman Lateral, Henderson, Nevada. October 19.
- LANL. 2018. ECORISK Database (Release 4.1). April. <http://www.lanl.gov/>. Accessed October 2020.
- Law Engineering, Inc. (Law Engineering), 1993. Final Report of Phase 1 Environmental Conditions Assessment, Titanium Metals Corporation (TIMET), Henderson, Nevada. April 15.
- Menzie, C., Henning, M. H., Cura, J., Finkelstein, K., Gentile, J., Maughan, J., Tyler, P. 1996. Special report of the Massachusetts weight-of-evidence workgroup A weight-of-evidence approach for evaluating ecological risks. *Human and Ecological Risk Assessment: An International Journal*, 2(2), 277-304.
- Moore, J.N., M.J. Zwiernik, J.L. Newsted, S.D. Fitzgerald, J.E. Link, P.W. Bradley, D.P. Kay, R.A. Budinsky, J.P. Giesy, and S.J. Bursian. 2011. "Effects of Dietary Exposure of Mink (*Mustela Vison*) to 2,3,7,8-Tetrachlorodibenzo-P-Dioxin, 2,3,4,7,8-Pentachlorodibenzofuran, and 2,3,7,8-Tetrachlorodibenzofuran on Reproduction and Offspring Viability and Growth." *Environmental Toxicology and Chemistry* 31, No. 2:360-9.
- Murray, F.J., F.A. Smith, K.D. Nitschke, C.G. Humiston, R.J. Kociba, and B.A. Schwetz. 1979. "Three-Generation Reproduction Study of Rats Given 2,3,7,8-Tetrachlorodibenzo-P-Dioxin (Tcdd) in the Diet." *Toxicol. Applied Pharmacol* 50:241-52.
- National Oceanic and Atmospheric Administration (NOAA). 2018. Climate Data Online: Las Vegas Weather Station #USW00023169. Data from January 1980 to December 2016. <https://www.ncdc.noaa.gov/cdo-web/>. Accessed April 26, 2018.
- National Oceanic and Atmospheric Administration (NOAA). 2008. Screening Quick Reference Tables (SQuiRT). June 2019. http://response.restoration.noaa.gov/book_shelf/122_NEW-SQuiRTs.pdf.
- NDEP. 2006. Screening-Level Ecological Risk Assessment Guidelines for the BMI Complex, Henderson, Nevada. Nevada Division of Environmental Protection Bureau of Corrective Actions. September 28.
- NDEP. 2008a. Guidance on the Development of Summary Statistics Tables, BMI Complex and Common Areas Projects, Henderson, Nevada. December 10.
- NDEP. 2008b. BMI Plant Sites and Common Areas Projects, Henderson, Nevada: Statistical Analysis Recommendations for Field Duplicates and Field Splits. November 14.
- NDEP. 2009a. BMI Plant Sites and Common Areas Project, Henderson, Nevada: Hydrogeologic and Lithologic Nomenclature Unification. January 6.

- NDEP. 2009b. Guidance for Evaluating Radionuclide Data for the BMI Plant Sites and Common Areas Projects, Henderson, Nevada. February 6.
- NDEP. 2009c. Significance Levels for the Gilbert Toolbox of Background Comparison Tests, BMI Plant Sites and Common Areas Projects, Henderson, Nevada. July. (Prepared for NDEP by Neptune and Company).
- NDEP. 2010. Supplemental Guidance for Assessing Data Usability for Environmental Investigations at the BMI Complex and Common Areas in Henderson, Nevada. September.
- NDEP. 2011a. No Further Action Determination – Mohawk Sub-Area, BMI Common Areas (Eastside Site), Clark County, Nevada, Portions of APN Nos. 179-05-501-002, 179-05-301-004 and 179-05-502-001, NDEP Facility ID: H-000688. March 8.
- NDEP. 2011b. Action Memorandum: Removal Actions; Nevada Environmental Response Trust Site; Clark County, Nevada. July 21.
- NDEP. 2013a. No Further Action Determination – Galleria North of ROW Sub-Area, BMI Common Areas (Eastside Site), Clark County, Nevada, APNs 179-05-301-005, and 179-06-301-004, NDEP Facility ID: H-000688. March 11.
- NDEP. 2013b. No Further Action Determination – Phase I Development Sub-Area, BMI Common Areas (Eastside Site), Clark County, Nevada, Portions of APNs 179-05-301-004, 179-05-401-001, 179-06-301-004, and 179-07-501-009, NDEP Facility ID: H-000688. March 27.
- NDEP. 2013c. No Further Action Determination – Galleria Drive Right of Way, BMI Common Areas (Eastside Site), Clark County, Nevada, Portions of APNs 179-05-301-004, 179-05-301-004, 179-05-401-001, 179-06-301-004, and 179-07-501-009, NDEP Facility ID: H-000688. July 31.
- NDEP. 2013d. No Further Action Determination – Southern RIBS Sub-Area, BMI Common Areas (Eastside Site), Clark County, Nevada, Portions of APNs 160-31-401-003, 160-31-801-003, 160-31-801-002, 179-05-301-004, NDEP Facility ID: H-000688. December 9.
- NDEP. 2013e. No Further Action Determination – NERT Parcels A and B, Tronox LLC (TRX) Facility, Nevada Environmental Response Trust (Trust) Property, Clark County, Nevada, Portion of APNs 1781415001, 17812110004, NDEP Facility ID #H-000539.
- NDEP. 2015a. No Further Action Determination – Eastside Main Sub-Area. BMI Common Areas (Eastside Site), Clark County, Nevada, APNs 179-06-501-003, 179-06-301-004, 179-07-501-012, 160-31-401-005. NDEP Facility ID: H-000688. January 22.
- NDEP. 2015b. No Further Action Determination – APN 178-11-501-007, BMI Common Areas, Clark County, Nevada, APN #178-11-501-007, NDEP Facility ID: H-000688. July 22.
- NDEP. 2015c. No Further Action Determination – Western Hook-Development Sub-Area, BMI Common Areas (Eastside Site), Clark County, Nevada, APNs 161-36-201-005, 161-36-101-002, 161-36-301-001, 161-36-301-003, NDEP Facility ID: H-000688. September 28.

- NDEP. 2015d. No Further Action Determination – Parcel 9 South Commercial Sub-Area, BMI Common Areas (Eastside Site), Clark County, Nevada, APNs 178-12-601-010, NDEP Facility ID: H-000688. September 29.
- NDEP. 2015e. No Further Action Determination – Triangle Commercial Sub-Area, BMI Common Areas (Eastside Site), Clark County, Nevada, APNs 179-07-201-006, 179-07-101-005, 179-07-299-002, 179-07-199-001, Portions of APNs 179-06-501-003, 179-07-201-008, NDEP Facility ID: H-000688. September 29.
- NDEP. 2018. Nevada Division of Environmental Protection (NDEP) Response to: Screening-Level Ecological Risk Assessment Work Plan for Operable Unit 2 Revision 1. October 30.
- Neptune. 2017. History of soil background datasets at BMI Complex and Common Areas. December 23.
- Northgate. 2014. Post-remediation Screening Health Risk Assessment Report for Parcels C, D, F, G, and H, Revision 3, Henderson, Nevada. June 19. NDEP responded May 6, 2015.
- Nosek, J.A., S.R. Craven, J.R. Sullivan, S.S. Hurley, and R.E. Peterson. 1992a. "Toxicity and Reproductive Effects of 2,3,7,8-Tetrachlorodibenzo-P-Dioxin in Ring-Necked Pheasant Hens." *J. Toxicol. Environ. Health* 35:187-98.
- Nosek, J.A., S.R. Craven, J.R. Sullivan, J.R. Olson, and R.E. Peterson. 1992b. "Metabolism and Disposition of 2,3,7,8-Tetrachlorodibenzo-P-Dioxin in Ring-Necked Pheasant Hens, Chicks, and Eggs." *J. Toxicol. Environ. Health* 35:153-64.
- Nosek, J.A., J.R. Sullivan, S.R. Craven, A. Gendron-Fitzpatrick, and R.E. Peterson. 1993. "Embryotoxicity of 2,3,7,8-Tetrachlorodibenzo-P-Dioxin in the Ring Necked Pheasant." *Environ. Toxicol. Chem* 12:1215-22.
- Novais, S.C., A.M.V.M. Soares, and M.J.B. Amorim. 2010. Can Avoidance in *Enchytraeus albidus* be Used as a Screening Parameter for Pesticides Testing *Chemosphere* 79(2): 233-237.
- ORNL (Oak Ridge National Laboratory). 1994. ES/ER/TM-125 Estimating Exposure of Terrestrial Wildlife to Contaminants. <https://rais.ornl.gov/documents/tm125.pdf>
- ORNL (Oak Ridge National Laboratory). 2009. ORNL Risk Assessment Information System (RAIS) database. March 2012 http://rais.ornl.gov/tox/tox_values.shtml.
- Peterson, R. T.; DiGiorgio, M.; & Peterson, R. T. 2010. *Peterson field guide to birds of Western North America*.
- Ramboll Environ (Ramboll Environ US Corporation). 2016. Technical Memorandum: Remedial Investigation Data Evaluation, Nevada Environmental Response Trust Site, Henderson, Nevada. May 2. Initial NDEP comment letter issued on July 13, 2016. Ramboll Environ provided a response to comments (RTC) letter on August 12, 2016. Approved by NDEP on August 23, 2016.
- Ramboll Environ. 2017a. RI/FS Work Plan Addendum: Phase 3 Remedial Investigation Rev. 1. Nevada Environmental Response Trust Site; Henderson, Nevada. Approved by NDEP on October 2017.
- Ramboll Environ. 2017b. Identification of COPCs and Decision Units for OU-1 Soils, Revision 1. November 15. Approved by NDEP on December 27, 2017.

- Ramboll (Ramboll US Corporation) 2018. Screening-Level Ecological Risk Assessment Work Plan for Operable Unit 2, Nevada Environmental Response Trust Site, Henderson, Nevada, Revision 1. September 28. Approved by NDEP on October 30, 2018.
- Ramboll. 2021 (Ramboll US Consulting, Inc.). Remedial Investigation Report for OU-1 and OU-2; Nevada Environmental Response Trust Site, Henderson, Nevada. July 9. Under NDEP review.
- R Core Team. 2019. R: A language and environment for statistical computing. R Foundation for Statistical Computing, Vienna, Austria. URL <https://www.R-project.org/>.
- Reynolds, John. 2015. Reynolds, J.W. 2015. A checklist by counties of earthworms (Oligochaeta: Lumbricidae) in Nevada, USA. *Megadrilogica* 17(7): 105-112. *Megadrilogica*. 17. 105-112.
- Sample, B.E., D.M. Opresko, and G.W. Suter II. 1996. Toxicological Benchmarks for Wildlife: 1996 Revision (ES/ER/TM-86/R3). Oak Ridge, Tennessee: Risk Assessment Program, Health Sciences Research Division. June.
- Sample, B.E., M.S. Aplin, R.A. Efroymsen, G.W. Suter II, and C.J.E. Welsh. 1997. ORNL/TM-13391. Methods and Tools for Estimation of the Exposure of Terrestrial Wildlife Contaminants. Oak Ridge National Laboratory. Environmental Sciences Division. Publication No. 4650.
- Santostefano, M., and S. Safe. 1996. "Characterization of the Molecular and Structural Properties of the Transformed and Nuclear Aryl Hydrocarbon (Ah) Receptor Complexes by Proteolytic Digestion." *Chem. Biol. Interact* 100:221-40.
- Shevenell, L., Henry, C.D., and Christensen, L., 1996, Assessing the relative potential of abandoned mine sites in Clark County, Nevada to degrade water quality: Geographic Information Systems in Environmental Resource Management, Proceedings of a Specialty Conference Sponsored by the Air and Waste Management Association, Reno, Nev.. March 13-15, 1996. pgs 267-278.
- Sparling, D.W., G. Linder, and C.A. Bishop. 2000. *Ecotoxicology of Amphibians and Reptiles* (SETAC Technical Publication Series).
- Streit, B. 1992. Bioaccumulation processes in ecosystems. *Experientia*, 48(10), 955-970.
- Suter G.W. and C.L. Tsao. 1996. Toxicological Benchmarks for Screening Potential Contaminants of Concern for Effects on Aquatic Biota: 1996 Revision. ES/ER/TM-96/R2. Oak Ridge National Laboratory, Oak Ridge, TN.
- TCEQ (Texas Commission of Environmental Quality). 2014. Conducting Ecological Risk Assessments at Remediation Sites in Texas. Remediation Division. TCEQ Publication RG-263.
- Travis, C.C, and A.D. Arms. 1988. Bioconcentration of Organics in Beef, Milk, and Vegetation. *Environmental Science and Technology*. 22(3):271-274.
- U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM). 2004. Development of Terrestrial Exposure and Bioaccumulation Information for the Army Risk Assessment Modeling System. Contract No. DAAD050-00-P-8365

- USACHPPM. 2007. Wildlife Toxicity Assessment for Perchlorate (USACHPPM Document No. 87-MA02T6-05D). February.
- USEPA (United States Environmental Protection Agency). 1989. Risk Assessment Methodology Environmental Impact Statement for NESHAPS Radionuclides Volume 1. Background Information Document EPA 520/1-89-005. September.
- USEPA. 1992a. Guidance for Data Usability in Risk Assessment (Part A), Final. Office of Emergency and Remedial Response. April.
<http://www.epa.gov/oswer/riskassessment/datause/parta.htm>.
- USEPA. 1992b. Guidance for Data Usability in Risk Assessment (Part B), Final. Office of Emergency and Remedial Response. April.
<http://www.epa.gov/oswer/riskassessment/datause/partb.htm>
- USEPA. 1993. Wildlife Exposure Factors Handbook. Office of Research and Development (8603). EPA/600/R-93/187.
- USEPA. 1994. Eco-Update: Selecting and Using Reference Information in Superfund Ecological Risk Assessments. Intermittent bulletin Volume 2, Number 4. Publication 9345.0-101. EPA 540-F-94-050 PB94-963319.
- USEPA. 1995. "Great Lakes Water Quality Initiative Criteria Documents for the Protection of Wildlife: DDT; Mercury; 2,3,7,8-TCDD; PCBs." EPA/820/B-95/008.
- USEPA. 1997. Ecological Risk Assessment Guidance for Superfund: Process for Designing and Conducting Ecological Risk Assessments. Interim Final. Solid Waste and Emergency Response. EPA 540-R-97-006.
- USEPA. 1998. Guidelines for Ecological Assessment. Office of Research and Development, EPA/630/R-95/002FA. April.
- USEPA Region 6. 1999. Screening-Level Ecological Risk Assessment Protocol for Hazardous Waste Combustion Facilities. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. EPA530-D-99-001A. August.
- USEPA. 2000. Exposure and Human Health Reassessment of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) and Related Compounds: Science Advisory Board (EPA/600/P-00/001(ab-ad,be,ag)). Washington, D.C.: USEPA.
- USEPA. 2001. ECO-Update: Role of Screening-level Risk Assessments and Refining Contaminants of Concern in Baseline Ecological Risk Assessments.
<http://www.epa.gov/oswer/riskassessment/ecoup/pdf/slera0601.pdf>.
- USEPA. 2002. Guidance for Comparing Background and Chemical Concentrations in Soil for CERCLA Sites. Office of Emergency and Remedial Response, Washington, DC. EPA 540-R-01-003. September.
- USEPA. 2003. Generic Ecological Assessment Endpoints (GEAEs) for Ecological Risk Assessment. EPA/630/P-02/004F.
<http://cfpub2.epa.gov/ncea/cfm/recordisplay.cfm?deid=55131>.
- USEPA 2007a. USEPA Bioaccumulative Compounds. Bioaccumulation Testing And Interpretation For The Purpose Of Sediment Quality Assessment Status and Needs. EPA-823-R-00-001. February 2000.

- USEPA. 2007b. Guidance for Developing Ecological Soil Screening Levels (Eco-SSLs). Attachment 4-1 Exposure Factors and Bioaccumulation Models for Derivation of Wildlife Eco-SSLs. OSWER Directive 9285.7-55. Revised April 2007.
- USEPA. 2007c. Ecological Soil Screening Levels. Last accessed September 2014. <http://www.epa.gov/ecotox/ecossl/>.
- USEPA. 2007d. Guidance for Developing Ecological Soil Screening Levels (Eco-SSLs). Attachment 4-5 Eco-SSL Standard Operating Procedure #6: Derivation of Wildlife Toxicity Reference Value. OSWER Directive 9285.7-55. Revised June 2007.
- USEPA. 2008. ECO Update/Ground Water Forum Issue Paper. Evaluating Ground-Water/Surface-Water Transition Zones in Ecological Risk Assessments. EPA-540-R-06-07. July.
- USEPA. 2009. ECOTOX Database. July 2019. <http://cfpub.epa.gov/ecotox/>.
- USEPA. 2016. Weight of Evidence in Ecological Risk Assessment. EPA/100/R-16/001 December. www.epa.gov/osa
- USEPA. 2018a. Region ERA Supplemental Guidance. March 2018 Update. Scientific Support Section Superfund Division. https://www.epa.gov/sites/production/files/2015-09/documents/r4_era_guidance_document_draft_final_8-25-2015.pdf
- USEPA. 2018b. USEPA R Code Software Version 5.1.00. <https://www.epa.gov/land-research/R-Code-software> (Last Updated: February 12, 2018; Software Downloaded: December 2019).
- US Fish and Wildlife Service (USFWS) 2014. Endangered Species (Accessed October 2014: <http://www.fws.gov/endangered/what-we-do/critical-habitats-faq.html>).
- Van den Berg, M., Birnbaum, L., Bosveld, B.T.C., Brunström, B., Cook, P., Feeley, M., Giesy, J.P., Hanberg, A., Hasegawa, R., Kennedy, S.W., Kubiak, T., Larsen, J.C., van Leeuwen, F.X.R., Liem, A.K.D., Nolt, C., Peterson, R.E., Poellinger, L., Safe, S., Schrenk, D., Tillitt, D., Tysklind, M., Younes, M., Waern, F., Zacharewski, T. 1998. Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for humans and wildlife. *Environmental Health Perspective*. 106 (12), 775-792.
- Van den Berg, M., L.S. Birnbaum, M. Denison, M. DeVito, W. Farland, M. Feeley, H. Fiedler, H. Hakansson, A. Hanberg, L. Haws, M. Rose, S. Safe, D. Schrenk, C. Tohyama, A. Tritscher, J. Tuomisto, M. Tysklind, N. Walker, and R.E. Peterson. 2006. The 2005 World Health Organization re-evaluation of human and mammalian toxic equivalency factors for dioxins and dioxin-like compounds. *Toxicological Sciences* 93(2): 223-241.
- West, C., G. Ankley, J. Nichols, G. Elonen, D. Nessa. 1997. Toxicity and bioaccumulation of 2,3,7,8-TCDD in long-term tests with freshwater benthic invertebrates. *ET&C*, 16:1287-1294.
- Young, A. L., Cockerham, L. G., and Thalken, C. E. (1987). A long-term study of ecosystem contamination with 2,3,7,8-tetrachlorodibenzo-p-dioxin. *Chemosphere*, 16(8-9), 1791-1815.

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Zwiernik, M.J., K.J. Beckett, S.J. Bursian, D.P. Kay, R.R. Holem, J.N. Moore, B. Yamini, and J.P. Giesy. 2009. "Chronic Effects of Polychlorinated Dibenzofurans on Mink in Laboratory and Field Environments." *Integ. Environ. Assess. Manage* 5:291-301.

TABLES

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

Groups
Dioxins/Furans
Explosives
Metals
Organic Halides
Organochlorine Pesticides
Organophosphates Pesticides
Other
Polychlorinated Biphenyls
Polycyclic Aromatic Hydrocarbons
Radium Compounds
Semivolatile Organic Compounds
Total Petroleum Hydrocarbons
Volatile Organic Compounds

Notes:

Any chemical where a chemical group could not be decided was assigned "Other" as a group.

OU-2 = Operable Unit 2

**TABLE 2-2. List of Chemicals for which Names and/or CAS Numbers were Standardized for Use in the ERA Process
Nevada Environmental Response Trust Site
Henderson, Nevada**

ORIGINAL		→	STANDARDIZED			
CASRN	CHEMICAL NAME		CASRN	CHEMICAL NAME	CHEM GROUP	CHANGE TYPE
OCDD	Octachlorodibenzodioxin	3268-87-9	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	Dioxins	CASRN edited to be numeric, and chemical name standardized	
OCDF	Octachlorodibenzofuran	39001-02-0	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	Dioxins	CASRN edited to be numeric, and chemical name standardized	
ALK	Alkalinity	ALKA	Alkalinity (as CaCO3)	General Chemistry	CASRN and name standardized	
7664-41-7[0]	Ammonia (as N)	7664-41-7	Ammonia (as N)	General Chemistry	CASRN Changed	
7790-93-4	Chlorate	7790-93-4	Chloric acid	General Chemistry	CASRN from original data is for chloric acid; therefore, chemical name was changed to chloric acid	
%MOISTURE	Percent Moisture	MOIST	Moisture	General Chemistry	CASRN and Name Standardized	
14797-55-8	Nitrate (as N)	14797-55-8_N	Nitrate (as N)	General Chemistry	CASRN edited for consistency with database (Added "_N" to end of number).	
14797-65-0	Nitrite	14797-65-0	Nitrite (as N)	General Chemistry	Chemical name standardized	
O-PO4	Orthophosphate as P	11-36-9	ortho-Phosphate	General Chemistry	CASRN edited to be numeric, and chemical name standardized	
18540-29-9	Chromium (VI)	18540-29-9	Chromium VI	Metals	Chemical name standardized	
7723-14-0	Phosphorus (as P)	7723-14-0	Phosphorous (as P)	Metals	Chemical name standardized	
U-Total	Uranium (total)	7440-61-1	Uranium	Metals	CASRN edited to be numeric, and chemical name standardized	
72-54-8	4,4-DDD	72-54-8	4,4'-DDD	OCPs	Chemical name standardized	
72-55-9	4,4-DDE	72-55-9	4,4'-DDE	OCPs	Chemical name standardized	
50-29-3	4,4-DDT	50-29-3	4,4'-DDT	OCPs	Chemical name standardized	
57-74-9	Chlordane	57-74-9	Chlordane (total)	OCPs	Chemical name standardized	
58-89-9	Lindane	58-89-9	gamma-BHC	OCPs	Chemical name standardized	
53-70-3	Dibenzo(a,h)anthracene	53-70-3	Dibenz(a,h)anthracene	PAHs	Chemical name standardized	
U-234	URANIUM-233/234	U-234	Uranium-234	RAD	Chemical name standardized	
U-234	URANIUM-233/234	U-234	Uranium-234	RAD	Chemical name standardized	
U-235	URANIUM-235/236	U-235	Uranium-235	RAD	Chemical name standardized	
U-235	URANIUM-235/236	U-235	Uranium-235	RAD	Chemical name standardized	
101-55-3	4-Bromophenyl phenyl ether	101-55-3	4-Bromophenyl-phenyl ether	SVOCs	Chemical name standardized	
7005-72-3	4-Chlorophenyl phenyl ether	7005-72-3	4-Chlorophenyl-phenyl ether	SVOCs	Chemical name standardized	
85-68-7	Benzyl butyl phthalate	85-68-7	Butylbenzylphthalate	SVOCs	Chemical name standardized	
111-91-1	bis(2-Chloroethoxy) methane	111-91-1	bis(2-Chloroethoxy)methane	SVOCs	Chemical name standardized	
108-60-1	bis(2-Chloroisopropyl) ether	108-60-1	bis(2-Chloro-1-methylethyl) ether	SVOCs	Chemical name standardized	
117-81-7	bis(2-Ethylhexyl) phthalate	117-81-7	bis(2-Ethylhexyl)phthalate	SVOCs	Chemical name standardized	
84-74-2	Dibutyl phthalate	84-74-2	Di-n-butylphthalate	SVOCs	Chemical name standardized	
84-66-2	Diethyl phthalate	84-66-2	Diethylphthalate	SVOCs	Chemical name standardized	
131-11-3	Dimethyl phthalate	131-11-3	Dimethylphthalate	SVOCs	Chemical name standardized	
117-84-0	Di-n-octyl phthalate	117-84-0	Di-n-octylphthalate	SVOCs	Chemical name standardized	
87-68-3	Hexachloro-1,3-butadiene	87-68-3	Hexachlorobutadiene	SVOCs	Chemical name standardized	
621-64-7	N-nitrosodi-n-propylamine	621-64-7	n-Nitroso-di-n-propylamine	SVOCs	Chemical name standardized	
95-48-7	o-Cresol	95-48-7	2-Methylphenol	SVOCs	Chemical name standardized	

**TABLE 2-2. List of Chemicals for which Names and/or CAS Numbers were Standardized for Use in the ERA Process
Nevada Environmental Response Trust Site
Henderson, Nevada**

ORIGINAL		→	STANDARDIZED			
CASRN	CHEMICAL NAME		CASRN	CHEMICAL NAME	CHEM GROUP	CHANGE TYPE
106-47-8	p-Chloroaniline		106-47-8	4-Chloroaniline	SVOCs	Chemical name standardized
100-01-6	p-Nitroaniline		100-01-6	4-Nitroaniline	SVOCs	Chemical name standardized
Q796	Gasoline Range Organics		TPH-gasoline	Total petroleum hydrocarbon-gasoline	TPH	Text CASRN was standardized, and chemical name was standardized
Q937	HEM Oil/Grease		TPH-MOTOR	Oil Range Organics	TPH	Text CASRN was standardized, and chemical name was standardized
Q1250	n-Hexane Extractable Material, Silica Gel Treated		TPH-MOTOR	Oil Range Organics	TPH	Text CASRN was standardized, and chemical name was standardized
Q797	TPH (as Diesel)		TPH-diesel	Total petroleum hydrocarbon-diesel	TPH	Text CASRN was standardized, and chemical name was standardized
75-35-4	1,1-Dichloroethylene		75-35-4	1,1-Dichloroethene	VOCs	Chemical name standardized
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		96-12-8	1,2-Dibromo-3-chloropropane	VOCs	Chemical name standardized
108-70-3	1,3,5- Trichlorobenzene		108-70-3	1,3,5-Trichlorobenzene	VOCs	Chemical name standardized
135-98-8	2-Phenylbutane		135-98-8	sec-Butylbenzene	VOCs	Chemical name standardized
75-69-4	CFC-11		75-69-4	Trichlorofluoromethane	VOCs	Chemical name standardized
75-71-8	CFC-12		75-71-8	Dichlorodifluoromethane	VOCs	Chemical name standardized
74-97-5	Chlorobromomethane		74-97-5	Bromochloromethane	VOCs	Chemical name standardized
124-48-1	Chlorodibromomethane		124-48-1	Dibromochloromethane	VOCs	Chemical name standardized
156-59-2	cis-1,2-Dichloroethylene		156-59-2	cis-1,2-Dichloroethene	VOCs	Chemical name standardized
10061-01-5	cis-1,3-Dichloropropylene		10061-01-5	cis-1,3-Dichloropropene	VOCs	Chemical name standardized
99-87-6	Cymene		99-87-6	p-Cymene	VOCs	Chemical name standardized
75-09-2	Dichloromethane		75-09-2	Methylene Chloride	VOCs	Chemical name standardized
100-41-4	Ethylbenzene		100-41-4	Ethyl benzene	VOCs	Chemical name standardized
591-76-4	Hexane, 2-methyl-		591-76-4	2-Methyl-Hexane	VOCs	Chemical name standardized
98-82-8	Isopropylbenzene		98-82-8	Cumene	VOCs	Chemical name standardized
78-93-3	Methyl ethyl ketone		78-93-3	2-Butanone	VOCs	Chemical name standardized
108-10-1	Methyl isobutyl ketone		108-10-1	4-Methyl-2-pentanone	VOCs	Chemical name standardized
591-78-6	Methyl n-butyl ketone		591-78-6	2-Hexanone	VOCs	Chemical name standardized
1634-04-4	MTBE (Methyl tert-butyl ether)		1634-04-4	Methyl tert-butyl ether	VOCs	Chemical name standardized
104-51-8	n-Butyl benzene		104-51-8	n-Butylbenzene	VOCs	Chemical name standardized
103-65-1	n-Propyl benzene		103-65-1	n-Propylbenzene	VOCs	Chemical name standardized
100-42-5	Styrene (monomer)		100-42-5	Styrene	VOCs	Chemical name standardized
98-06-6	tert-Butyl benzene		98-06-6	tert-Butylbenzene	VOCs	Chemical name standardized
127-18-4	Tetrachloroethylene		127-18-4	Tetrachloroethene	VOCs	Chemical name standardized
156-60-5	trans-1,2-Dichloroethylene		156-60-5	trans-1,2-Dichloroethene	VOCs	Chemical name standardized
10061-02-6	trans-1,3-Dichloropropylene		10061-02-6	trans-1,3-Dichloropropene	VOCs	Chemical name standardized
75-25-2	Tribromomethane		75-25-2	Bromoform	VOCs	Chemical name standardized
79-01-6	Trichloroethylene		79-01-6	Trichloroethene	VOCs	Chemical name standardized

**TABLE 2-3. Threatened and Endangered Species for Clark County, Nevada
Nevada Environmental Response Trust Site
Henderson, Nevada**

Organism Group	Listing Category	Species Common Name	Scientific Name
Amphibian			
	C	Relict leopard frog	<i>Rana onca</i>
Birds			
	E	Southwestern willow flycatcher •	<i>Empidonax traillii extimus</i>
	PT	Yellow-billed cuckoo (Western U.S. Distinct Population Segment)	<i>Coccyzus americanus</i>
	E	Yuma clapper rail	<i>Rallus longirostris yumanensis</i>
Invertebrate			
	E	Mt. Charleston blue butterfly	<i>Icaricia shasta charlestonensis</i>
Fishes			
	E	Bonytail chub •	<i>Gila elegans</i>
	E	Colorado pikeminnow *	<i>Ptychocheilus lucius</i>
	E	Humpback chub *	<i>Gila cypha</i>
	T	Lahontan cutthroat trout	<i>Oncorhynchus clarkii henshawi</i>
	E	Moapa dace	<i>Moapa coriacea</i>
	E	Pahrump poolfish	<i>Empetrichthys latos</i>
	E	Razorback sucker •	<i>Xyrauchen texanus</i>
	E	Virgin River chub + •	<i>Gila seminuda</i>
	E	Woundfin •	<i>Plagopterus argentissimus</i>
Plant			
	C	Las Vegas Buckwheat	<i>Eriogonum corymbosum var. nilsil</i>
Reptile			
	T	Desert tortoise (Mojave population) •	<i>Gopherus agassizii</i>

Notes:

- = Designated Critical Habitat in Clark County
- * = Believed extirpated from Nevada
- + = Endangered only in the Virgin River; Muddy River population is a sensitive species.
- C = Candidate
- E = Endangered
- P = Proposed listing
- T = Threatened

References:

Nevada Fish & Wildlife Office. 2016. Nevada's Protected Species by County.
http://www.fws.gov/nevada/protected_species/species_by_county.html (Last updated June 29, 2016; Accessed April 20, 2018).

**TABLE 2-4a. Surface Soil Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

All data in mg/kg

Chem Group	Chemical Name	SLERA ESV (mg/kg)	Source	Eco-SSL Avian	Eco-SSL Inverts	Eco-SSL Mammal	Eco-SSL Plants	Most Sensitive Eco-SSL	Source	Most Sensitive USEPA R4 ESV	Source	R4 Plants	R4 Inverts	R4 Mammal	R4 Avian	R6 Earth- worms	R6 Plants	Most Sensitive USEPA R6 ESV	Source	ORNL Inverts	ORNL Microbes	ORNL Plants	Most Sensitive ORNL ESV	Source
General Chemistry	Ammonia	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
General Chemistry	Bromide	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
General Chemistry	Bromine	10	R4 Plants	NC	NC	NC	NC	NC	--	10	R4 Plants	10	NC	NC	NC	NC	NC	NC	--	NC	NC	10	10	ORNL Plants
General Chemistry	Chlorate	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
General Chemistry	Chloric Acid	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
General Chemistry	Chlorine	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
General Chemistry	Cyanide (total)	0.098	R4 Avian	NC	NC	NC	NC	NC	--	0.098	R4 Avian	NC	NC	330	0.098	NC	NC	NC	--	NC	NC	NC	NC	--
General Chemistry	Fluoride (3)	120	R4 Avian	NC	NC	NC	NC	NC	--	120	R4 Avian	NC	NC	870	120	NC	NC	NC	--	NC	NC	NC	NC	--
General Chemistry	Nitrate (as N)	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
General Chemistry	Nitrite (as N)	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
General Chemistry	Perchlorate	0.12	LANL Min NOAEL TRV	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
General Chemistry	ortho-Phosphate	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
General Chemistry	Sulfate	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
Metals	Aluminum	5	R6 Plants	NC	NC	NC	NC	NC	--	Narrative	--	Narrative	Narrative	NC	NC	NC	NC	NC	--	NC	NC	50	50	ORNL Plants
Metals	Antimony	0.27	Eco-SSL Mammal	NC	78	0.27	NC	0.27	Eco-SSL Mammal	0.27	R4 Mammal	5	78	0.27	NC	NC	0.5	0.5	R6 Plants	NC	NC	5	5	ORNL Plants
Metals	Arsenic	18	Eco-SSL Plants	43	NC	46	18	18	Eco-SSL Plants	6.8	R4 Inverts	18	6.8	46	43	0.25	1	0.25	R6 Earthworms	60	100	10	10	ORNL Plants
Metals	Barium	330	Eco-SSL Inverts	NC	330	2000	NC	330	Eco-SSL Inverts	110	R4 Plants	110	330	2000	820	NC	5	5	R6 Plants	NC	3000	500	500	ORNL Plants
Metals	Beryllium	21	Eco-SSL Mammal	NC	40	21	NC	21	Eco-SSL Mammal	2.5	R4 Plants	2.5	40	21	NC	NC	0.1	0.1	R6 Plants	NC	NC	10	10	ORNL Plants
Metals	Boron	2	R4 Avian	NC	NC	NC	NC	NC	--	2	R4 Avian	36	NC	55	2	NC	NC	NC	--	NC	20	0.5	0.5	ORNL Plants
Metals	Cadmium	0.36	Eco-SSL Mammal	0.77	140	0.36	32	0.36	Eco-SSL Mammal	0.36	R4 Mammal	32	140	0.36	0.77	10	0.2	0.2	R6 Plants	20	20	4	4	ORNL Plants
Metals	Chromium (total)	26	Eco-SSL Avian	26	NC	34	NC	26	Eco-SSL Avian	23	R4 Avian	NC	NC	63	23	NC	NC	NC	--	0.4	10	1	0.4	ORNL Inverts
Metals	Chromium VI	130	Eco-SSL Mammal	NC	NC	130	NC	130	Eco-SSL Mammal	0.34	R4 Inverts	0.35	0.34	130	140	0.2	0.018	0.018	R6 Plants	NC	NC	NC	NC	--
Metals	Cobalt	13	Eco-SSL Plants	120	NC	230	13	13	Eco-SSL Plants	13	R4 Plants	13	NC	230	120	NC	NC	NC	--	NC	1000	20	20	ORNL Plants
Metals	Copper	28	Eco-SSL Avian	28	80	49	70	28	Eco-SSL Avian	28	R4 Avian	70	80	49	28	32	1	1	R6 Plants	50	100	100	50	ORNL Inverts
Metals	Iron	200	ORNL Microbes	NC	NC	NC	NC	NC	--	Narrative	--	NC	Narrative	NC	NC	NC	NC	NC	--	NC	200	NC	200	ORNL Microbes
Metals	Lead	11	Eco-SSL Avian	11	1700	56	120	11	Eco-SSL Avian	11	R4 Avian	120	1700	56	11	100	4.6	4.6	R6 Plants	500	900	50	50	ORNL Plants
Metals	Lithium	2	R4 Plants	NC	NC	NC	NC	NC	--	2	R4 Plants	2	NC	75	NC	NC	NC	NC	--	NC	10	2	2	ORNL Plants
Metals	Magnesium	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
Metals	Manganese	220	Eco-SSL Plants	4300	450	4000	220	220	Eco-SSL Plants	220	R4 Plants	220	450	4000	4300	NC	NC	NC	--	NC	100	500	100	ORNL Microbes
Metals	Mercury	0.013	R4 Avian	NC	NC	NC	NC	NC	--	0.013	R4 Avian	0.3	0.05	1.7	0.013	2.5	0.349	0.349	R6 Plants	0.1	30	0.3	0.1	ORNL Inverts
Metals	Molybdenum	2	R4 Plants	NC	NC	NC	NC	NC	--	2	R4 Plants	2	NC	4.8	15	NC	NC	NC	--	NC	200	2	2	ORNL Plants
Metals	Nickel	38	Eco-SSL Plants	210	280	130	38	38	Eco-SSL Plants	38	R4 Plants	38	280	130	210	100	25	25	R6 Plants	200	90	30	30	ORNL Plants
Metals	Niobium	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
Metals	Palladium	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
Metals	Phosphorous (as P)	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
Metals	Platinum	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
Metals	Selenium	0.52	Eco-SSL Plants	1.2	4.1	0.63	0.52	0.52	Eco-SSL Plants	0.52	R4 Plants	0.52	4.1	0.63	1.2	7.7	0.05	0.05	R6 Plants	70	100	1	1	ORNL Plants
Metals	Silicon	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
Metals	Silver	4.2	Eco-SSL Avian	4.2	NC	14	560	4.2	Eco-SSL Avian	4.2	R4 Avian	560	NC	14	4.2	NC	0.02	0.02	R6 Plants	NC	50	2	2	ORNL Plants
Metals	Strontium	95	R4 Mammal	NC	NC	NC	NC	NC	--	95	R4 Mammal	NC	NC	95	NC	NC	NC	NC	--	NC	NC	NC	NC	--
Metals	Sulfur	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
Metals	Thallium	0.05	R4 Plants	NC	NC	NC	NC	NC	--	0.05	R4 Plants	0.05	NC	0.42	4.5	NC	0.01	0.01	R6 Plants	NC	NC	1	1	ORNL Plants
Metals	Tin	7.62	R4 Mammal	NC	NC	NC	NC	NC	--	7.62	R4 Mammal	50	NC	7.62	NC	NC	NC	NC	--	NC	2000	50	50	ORNL Plants
Metals	Titanium	1000	ORNL Microbes	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	1000	NC	1000	ORNL Microbes
Metals	Tungsten	400	ORNL Microbes	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	400	NC	400	ORNL Microbes
Metals	Uranium	25	R4 Plants	NC	NC	NC	NC	NC	--	25	R4 Plants	25	NC	480	1100	NC	NC	NC	--	NC	NC	5	5	ORNL Plants
Metals	Vanadium	7.8	Eco-SSL Avian	7.8	NC	280	NC	7.8	Eco-SSL Avian	7.8	R4 Avian	60	NC	280	7.8	NC	NC	NC	--	NC	20	2	2	ORNL Plants
Metals	Zinc	46	Eco-SSL Avian	46	120	79	160	46	Eco-SSL Avian	46	R4 Avian	160	120	79	46	199	0.9	0.9	R6 Plants	200	100	50	50	ORNL Plants
Metals	Zirconium	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	3.15E-06	R4 Mammal	NC	NC	NC	NC	NC	--	3.15E-06	R4 Mammal	NC	5	3.15E-06	0.000016	NC	NC	NC	--	NC	NC	NC	NC	--
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	1.60E-05	R4 Avian	NC	NC	NC	NC	NC	--	1.60E-05	R4 Avian	NC	5	3.15E-06	0.000016	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	Aldrin	0.03	R4 Inverts	NC	NC	NC	NC	NC	--	0.03	R4 Inverts	NC	0.03	0.037	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	alpha-BHC	0.0003	R4 Inverts	NC	NC	NC	NC	NC	--	0.0003	R4 Inverts	NC	0.0003	59	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	beta-BHC	0.0003	R4 Inverts	NC	NC	NC	NC	NC	--	0.0003	R4 Inverts	NC	0.0003	0.27	14	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	delta-BHC	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	gamma-BHC	0.0031	R4 Inverts	NC	NC	NC	NC	NC	--	0.0031	R4 Inverts	0.1	0.0031	0.0095	0.21	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	Chlordane (total)	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	alpha-Chlordane	0.0029	R4 Inverts	NC	NC	NC	NC	NC	--	0.0029	R4 Inverts	2.2	0.0029	0.27	0.27	NC	NC	NC	--	NC	NC	NC	NC	--

**TABLE 2-4a. Surface Soil Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

All data in mg/kg

Chem Group	Chemical Name	SLERA ESV (mg/kg)	Source	Eco-SSL Avian	Eco-SSL Inverts	Eco-SSL Mammal	Eco-SSL Plants	Most Sensitive Eco-SSL	Source	Most Sensitive USEPA R4 ESV	Source	R4 Plants	R4 Inverts	R4 Mammal	R4 Avian	R6 Earth- worms	R6 Plants	Most Sensitive USEPA R6 ESV	Source	ORNL Inverts	ORNL Microbes	ORNL Plants	Most Sensitive ORNL ESV	Source
OCPs	gamma-Chlordane	0.02	R4 Inverts	NC	NC	NC	NC	NC	--	0.02	R4 Inverts	2.2	0.02	2.3	2.2	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	2,4-D	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	Dalapon	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	2,4-DB	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	2,4-DDD	0.021	Eco-SSL Mammal	0.093	NC	0.021	NC	0.021	Eco-SSL Mammal	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	4,4'-DDD	0.021	Eco-SSL Mammal	0.093	NC	0.021	NC	0.021	Eco-SSL Mammal	0.021	R4 Mammal	NC	NC	0.021	0.093	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	2,4-DDE	0.021	Eco-SSL Mammal	0.093	NC	0.021	NC	0.021	Eco-SSL Mammal	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	4,4'-DDE	0.021	Eco-SSL Mammal	0.093	NC	0.021	NC	0.021	Eco-SSL Mammal	0.021	R4 Mammal	NC	NC	0.021	0.093	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	4,4'-DDT	0.021	Eco-SSL Mammal	0.093	NC	0.021	NC	0.021	Eco-SSL Mammal	0.021	R4 Mammal	NC	NC	0.021	0.093	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	Calculated DDx (ND=0.5DL)	0.021	Eco-SSL Mammal	0.093	NC	0.021	NC	0.021	Eco-SSL Mammal	0.021	R4 Mammal	NC	NC	0.021	0.093	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	Dicamba	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	Dichloroprop	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	Dieldrin	0.0049	Eco-SSL Mammal	0.022	NC	0.0049	NC	0.0049	Eco-SSL Mammal	0.0029	R4 Inverts	10	0.0029	0.0049	0.022	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	Dinoseb	0.015	R4 Inverts	NC	NC	NC	NC	NC	--	0.015	R4 Inverts	NC	0.015	0.022	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	Endosulfan I	0.0009	R4 Inverts	NC	NC	NC	NC	NC	--	0.0009	R4 Inverts	NC	0.0009	0.119	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	Endosulfan II	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	Endosulfan sulfate	0.0007	R4 Inverts	NC	NC	NC	NC	NC	--	0.0007	R4 Inverts	NC	0.0007	0.036	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	Endrin	0.0014	R4 Avian	NC	NC	NC	NC	NC	--	0.0014	R4 Avian	0.0034	0.0019	0.023	0.0014	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	Endrin aldehyde	0.0014	R4 Endrin used as surrogate	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	Endrin ketone	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	Heptachlor	0.0016	R4 Inverts	NC	NC	NC	NC	NC	--	0.0016	R4 Inverts	0.4	0.0016	0.059	0.3	NC	1	1	R6 Plants	NC	NC	NC	NC	--
OCPs	Heptachlor epoxide	0.00015	R4 Inverts	NC	NC	NC	NC	NC	--	0.00015	R4 Inverts	NC	0.00015	0.152	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	Mecoprop	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	Methoxychlor	0.0021	R4 Inverts	NC	NC	NC	NC	NC	--	0.0021	R4 Inverts	NC	0.0021	5.1	18	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	2,4,5-T	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	Toxaphene	0.00015	R4 Inverts	NC	NC	NC	NC	NC	--	0.00015	R4 Inverts	NC	0.00015	5.9	4.1	NC	NC	NC	--	NC	NC	NC	NC	--
OCPs	2,4,5-TP	0.055	R4 Inverts	NC	NC	NC	NC	NC	--	0.055	R4 Inverts	NC	0.055	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Chlorpyrifos	0.003	R4 Inverts	NC	NC	NC	NC	NC	--	0.003	R4 Inverts	NC	0.003	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Coumaphos	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Dasanit	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Demeton-O	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Demeton-S	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Diazinon	0.0037	R4 Inverts	NC	NC	NC	NC	NC	--	0.0037	R4 Inverts	NC	0.0037	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Dichlorovos	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Dimethoate	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Disulfoton	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	EPN	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Ethoprop	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Famphur	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Fenthion	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Guthion	0.00006	R4 Inverts	NC	NC	NC	NC	NC	--	0.00006	R4 Inverts	NC	0.00006	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Malathion	0.00004	R4 Inverts	NC	NC	NC	NC	NC	--	0.00004	R4 Inverts	NC	0.00004	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Merphos	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Methyl parathion	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Mevinphos	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Naled	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Parathion	0.00019	R4 Inverts	NC	NC	NC	NC	NC	--	0.00019	R4 Inverts	NC	0.00019	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Phorate	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Prothiophos	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Ronnel	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Stirophos	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Sulfotepp	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Sulprofos	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Thionazin	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
OPPs	Trichloronate	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
PAHs	Ramboll calculated HMW PAHs	1.1	Eco-SSL Mammal	NC	18	1.1	NC	1.1	Eco-SSL Mammal	1.1	R4 Mammal	NC	18	1.1	NC	25	1.2	1.2	R6 Plants	NC	NC	NC	NC	--
PAHs	Ramboll calculated LMW PAHs	29	Eco-SSL Inverts	NC	29	100	NC	29	Eco-SSL Inverts	29	R4 Inverts	NC	29	100	NC	NC	NC	NC	--	NC	NC	NC	NC	--

**TABLE 2-4a. Surface Soil Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

All data in mg/kg

Chem Group	Chemical Name	SLERA ESV (mg/kg)	Source	Eco-SSL Avian	Eco-SSL Inverts	Eco-SSL Mammal	Eco-SSL Plants	Most Sensitive Eco-SSL	Source	Most Sensitive USEPA R4 ESV	Source	R4 Plants	R4 Inverts	R4 Mammal	R4 Avian	R6 Earth- worms	R6 Plants	Most Sensitive USEPA R6 ESV	Source	ORNL Inverts	ORNL Microbes	ORNL Plants	Most Sensitive ORNL ESV	Source
PAHs	Ramboll Calculated Total PAHs	1.1	HMW PAH as surrogate	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	Aniline	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	Benzenethiol	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	Benzoic acid	0.01	R4 Inverts	NC	NC	NC	NC	NC	--	0.01	R4 Inverts	NC	0.01	1	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	Benzyl alcohol	0.002	R4 Inverts	NC	NC	NC	NC	NC	--	0.002	R4 Inverts	NC	0.002	120	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	bis(2-Chloro-1-methylethyl) ether	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	bis(2-Chloroethoxy)methane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	bis(2-Chloroethyl) ether	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	bis(2-Ethylhexyl)phthalate	0.02	R4 Avian	NC	NC	NC	NC	NC	--	0.02	R4 Avian	NC	8.4	0.6	0.02	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	4-Bromophenyl-phenyl ether	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	Butylbenzylphthalate	0.59	R4 Inverts	NC	NC	NC	NC	NC	--	0.59	R4 Inverts	NC	0.59	90	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	Carbazole	0.07	R4 Inverts	NC	NC	NC	NC	NC	--	0.07	R4 Inverts	NC	0.07	79	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	4-Chloroaniline	1	R4 Plants	NC	NC	NC	NC	NC	--	1	R4 Plants	1	1.8	1.1	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	2-Chloronaphthalene	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	2-Chlorophenol	0.06	R4 Inverts	NC	NC	NC	NC	NC	--	0.06	R4 Inverts	NC	0.06	0.54	0.39	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	4-Chlorophenyl-phenyl ether	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	Dibenzofuran	0.15	R4 Inverts	NC	NC	NC	NC	NC	--	0.15	R4 Inverts	6.1	0.15	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	3,3'-Dichlorobenzidine	0.03	R4 Inverts	NC	NC	NC	NC	NC	--	0.03	R4 Inverts	NC	0.03	0.646	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	2,4-Dichlorophenol	0.05	R4 Inverts	NC	NC	NC	NC	NC	--	0.05	R4 Inverts	NC	0.05	87.5	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	Diethylphthalate	0.25	R4 Inverts	NC	NC	NC	NC	NC	--	0.25	R4 Inverts	100	0.25	3600	NC	NC	NC	NC	--	NC	NC	100	100	ORNL Plants
SVOCs	2,4-Dimethylphenol	0.04	R4 Inverts	NC	NC	NC	NC	NC	--	0.04	R4 Inverts	NC	0.04	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	Dimethylphthalate	10	R4 Inverts	NC	NC	NC	NC	NC	--	10	R4 Inverts	NC	10	38	NC	NC	NC	NC	--	200	NC	NC	200	ORNL Inverts
SVOCs	Di-n-butylphthalate	0.011	R4 Avian	NC	NC	NC	NC	NC	--	0.011	R4 Avian	160	0.22	180	0.011	NC	NC	NC	--	NC	NC	200	200	ORNL Plants
SVOCs	2,4-Dinitrophenol	0.061	R4 Mammal	NC	NC	NC	NC	NC	--	0.061	R4 Mammal	20	0.15	0.061	NC	NC	NC	NC	--	NC	NC	20	20	ORNL Plants
SVOCs	2,4-Dinitrotoluene	6	R4 Plants	NC	NC	NC	NC	NC	--	6	R4 Plants	6	18	14	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	2,6-Dinitrotoluene	4	R4 Mammal	NC	NC	NC	NC	NC	--	4	R4 Mammal	NC	30	4	52	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	Di-n-octylphthalate	0.91	R4 Mammal	NC	NC	NC	NC	NC	--	0.91	R4 Mammal	NC	303	0.91	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	1,4-Dioxane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	Hexachlorobenzene	0.079	R4 Avian	NC	NC	NC	NC	NC	--	0.079	R4 Avian	10	10	0.2	0.079	NC	NC	NC	--	NC	1000	NC	1000	ORNL Microbes
SVOCs	Hexachlorobutadiene	0.009	R4 Inverts	NC	NC	NC	NC	NC	--	0.009	R4 Inverts	NC	0.009	0.04	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	Hexachlorocyclopentadiene	0.001	R4 Inverts	NC	NC	NC	NC	NC	--	0.001	R4 Inverts	10	0.001	0.755	NC	NC	0.1	0.1	R6 Plants	NC	NC	10	10	ORNL Plants
SVOCs	Hexachloroethane	0.024	R4 Inverts	NC	NC	NC	NC	NC	--	0.024	R4 Inverts	NC	0.024	0.6	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	Isophorone	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	2-Methylphenol	0.1	R4 Inverts	NC	NC	NC	NC	NC	--	0.1	R4 Inverts	0.67	0.1	580	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	3-Methylphenol & 4-Methylphenol	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	4-Methylphenol	0.08	R4 Inverts	NC	NC	NC	NC	NC	--	0.08	R4 Inverts	NC	0.08	163	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	4,6-Dinitro-2-methylphenol	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	4-Chloro-3-methylphenol	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	2-Nitroaniline	0.02	R4 Inverts	NC	NC	NC	NC	NC	--	0.02	R4 Inverts	NC	0.02	5.3	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	3-Nitroaniline	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	4-Nitroaniline	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	Nitrobenzene	2.2	R4 Inverts	NC	NC	NC	NC	NC	--	2.2	R4 Inverts	NC	2.2	4.8	NC	2.26	NC	2.26	R6 Earthworms	40	1000	NC	40	ORNL Inverts
SVOCs	2-Nitrophenol	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	4-Nitrophenol	5.12	R4 Mammal	NC	NC	NC	NC	NC	--	5.12	R4 Mammal	NC	7	5.12	NC	NC	NC	NC	--	7	NC	NC	7	ORNL Inverts
SVOCs	n-Nitrosodiphenylamine	0.545	R4 Mammal	NC	NC	NC	NC	NC	--	0.545	R4 Mammal	NC	20	0.545	NC	NC	NC	NC	--	20	NC	NC	20	ORNL Inverts
SVOCs	Octachlorostyrene	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	Pentachlorobenzene	0.5	R4 Mammal	NC	NC	NC	NC	NC	--	0.5	R4 Mammal	NC	20	0.5	NC	1.15	NC	1.15	R6 Earthworms	20	NC	NC	20	ORNL Inverts
SVOCs	Pentachlorophenol	2.1	Eco-SSL Avian	2.1	31	2.8	5	2.1	Eco-SSL Avian	2.1	R4 Avian	5	31	2.8	2.1	10	1.73	1.73	R6 Plants	6	400	3	3	ORNL Plants
SVOCs	Phenol	0.79	R4 Plants	NC	NC	NC	NC	NC	--	0.79	R4 Plants	0.79	1.8	37	NC	NC	NC	NC	--	30	1000	70	30	ORNL Inverts
SVOCs	Phthalic acid	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	n-Nitroso-di-n-propylamine	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	Pyridine	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	1,2,4,5-Tetrachlorobenzene	0.18	R4 Inverts	NC	NC	NC	NC	NC	--	0.18	R4 Inverts	NC	0.18	2.02	NC	NC	NC	NC	--	NC	NC	NC	NC	--
SVOCs	2,4,5-Trichlorophenol	4	R4 Plants	NC	NC	NC	NC	NC	--	4	R4 Plants	4	9	14.1	NC	NC	NC	NC	--	9	NC	4	4	ORNL Plants
SVOCs	2,4,6-Trichlorophenol	9.94	R4 Mammal	NC	NC	NC	NC	NC	--	9.94	R4 Mammal	NC	10	9.94	NC	NC	NC	NC	--	10	NC	NC	10	ORNL Inverts
VOCs	Acetone	1.2	R4 Inverts	NC	NC	NC	NC	NC	--	1.2	R4 Inverts	NC	0.04	1.2	7.5	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Acetonitrile	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Acetophenone	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	t-Amyl methyl ether	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Azobenzene	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--

**TABLE 2-4a. Surface Soil Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

All data in mg/kg

Chem Group	Chemical Name	SLERA ESV (mg/kg)	Source	Eco-SSL Avian	Eco-SSL Inverts	Eco-SSL Mammal	Eco-SSL Plants	Most Sensitive Eco-SSL	Source	Most Sensitive USEPA R4 ESV	Source	R4 Plants	R4 Inverts	R4 Mammal	R4 Avian	R6 Earth- worms	R6 Plants	Most Sensitive USEPA R6 ESV	Source	ORNL Inverts	ORNL Microbes	ORNL Plants	Most Sensitive ORNL ESV	Source
VOCs	Benzene	0.12	R4 Inverts	NC	NC	NC	NC	NC	--	0.12	R4 Inverts	NC	0.12	24	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Bromobenzene	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Bromochloromethane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Bromodichloromethane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Bromofrom	0.07	R4 Inverts	NC	NC	NC	NC	NC	--	0.07	R4 Inverts	NC	0.07	15.9	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Bromomethane	0.002	R4 Inverts	NC	NC	NC	NC	NC	--	0.002	R4 Inverts	NC	0.002	0.24	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	2-Butanone	1	R4 Inverts	NC	NC	NC	NC	NC	--	1	R4 Inverts	NC	1	350	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	n-Butylbenzene	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	sec-Butylbenzene	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Carbon disulfide	0.005	R4 Inverts	NC	NC	NC	NC	NC	--	0.005	R4 Inverts	NC	0.005	0.81	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Carbon tetrachloride	0.05	R4 Inverts	NC	NC	NC	NC	NC	--	0.05	R4 Inverts	NC	0.05	NC	2.98	NC	NC	NC	--	NC	1000	NC	1000	ORNL Microbes
VOCs	Chlorinated fluorocarbon (Freon 113)	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Chlorobenzene	2.4	R4 Inverts	NC	NC	NC	NC	NC	--	2.4	R4 Inverts	NC	2.4	43	NC	NC	NC	NC	--	40	NC	NC	40	ORNL Inverts
VOCs	Chloroethane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Chloroform	0.05	R4 Inverts	NC	NC	NC	NC	NC	--	0.05	R4 Inverts	NC	0.05	8	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Chloromethane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	1,2-Dibromo-3-chloropropane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	2-Chlorotoluene	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	4-Chlorotoluene	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Cumene	0.04	R4 Inverts	NC	NC	NC	NC	NC	--	0.04	R4 Inverts	NC	0.04	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	p-Cymene	0.18	R4 Inverts	NC	NC	NC	NC	NC	--	0.18	R4 Inverts	NC	0.18	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Dibromochloromethane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	1,2-Dibromoethane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Dibromomethane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	1,2-Dichlorobenzene	0.09	R4 Inverts	NC	NC	NC	NC	NC	--	0.09	R4 Inverts	NC	0.09	0.92	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	1,3-Dichlorobenzene	0.08	R4 Inverts	NC	NC	NC	NC	NC	--	0.08	R4 Inverts	NC	0.08	0.74	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	1,4-Dichlorobenzene	0.89	R4 Mammal	NC	NC	NC	NC	NC	--	0.89	R4 Mammal	NC	1.2	0.89	NC	NC	NC	NC	--	20	NC	NC	20	ORNL Inverts
VOCs	Dichlorodifluoromethane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	1,1-Dichloroethane	0.14	R4 Inverts	NC	NC	NC	NC	NC	--	0.14	R4 Inverts	NC	0.14	210	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	1,2-Dichloroethane	0.4	R4 Inverts	NC	NC	NC	NC	NC	--	0.4	R4 Inverts	NC	0.4	27	0.85	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	1,1-Dichloroethene	0.04	R4 Inverts	NC	NC	NC	NC	NC	--	0.04	R4 Inverts	NC	0.04	11	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	cis-1,2-Dichloroethene	0.04	R4 Inverts	NC	NC	NC	NC	NC	--	0.04	R4 Inverts	NC	0.04	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	trans-1,2-Dichloroethene	0.04	R4 Inverts	NC	NC	NC	NC	NC	--	0.04	R4 Inverts	NC	0.04	0.784	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	1,2-Dichloroethylene	0.04	R4 Inverts	NC	NC	NC	NC	NC	--	0.04	R4 Inverts	NC	0.04	24	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	1,2-Dichloropropane	0.28	R4 Inverts	NC	NC	NC	NC	NC	--	0.28	R4 Inverts	NC	0.28	32.7	NC	NC	NC	NC	--	700	NC	NC	700	ORNL Inverts
VOCs	1,3-Dichloropropane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	2,2-Dichloropropane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	1,1-Dichloropropene	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	cis-1,3-Dichloropropene	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	trans-1,3-Dichloropropene	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Diisopropyl ether	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	2,2-Dimethylpentane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	2,3-Dimethylpentane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	2,4-Dimethylpentane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	3,3-Dimethylpentane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	1,2-Diphenylhydrazine	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Ethanol	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Ethyl benzene	0.27	R4 Inverts	NC	NC	NC	NC	NC	--	0.27	R4 Inverts	NC	0.27	5.16	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Ethyl tert-butyl ether	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Ethylene glycol	0.31	R4 Inverts	NC	NC	NC	NC	NC	--	0.31	R4 Inverts	NC	0.31	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	3-ethylpentane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	n-Heptane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	2-Methyl-Hexane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	2-Hexanone	0.36	R4 Avian	NC	NC	NC	NC	NC	--	0.36	R4 Avian	NC	2.5	5.4	0.36	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Methanol	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Methyl disulfide	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Methyl iodide	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Methyl tert-butyl ether	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Methylene Chloride	0.21	R4 Inverts	NC	NC	NC	NC	NC	--	0.21	R4 Inverts	1600	0.21	2.6	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	3-Methylhexane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--

**TABLE 2-4a. Surface Soil Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

All data in mg/kg

Chem Group	Chemical Name	SLERA ESV (mg/kg)	Source	Eco-SSL Avian	Eco-SSL Inverts	Eco-SSL Mammal	Eco-SSL Plants	Most Sensitive Eco-SSL	Source	Most Sensitive USEPA R4 ESV	Source	R4 Plants	R4 Inverts	R4 Mammal	R4 Avian	R6 Earth- worms	R6 Plants	Most Sensitive USEPA R6 ESV	Source	ORNL Inverts	ORNL Microbes	ORNL Plants	Most Sensitive ORNL ESV	Source
VOCs	2-Nitropropane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	1-Nonanal	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	4-Methyl-2-pentanone	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Phenyl Sulfide	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	n-Propylbenzene	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Styrene	1.2	R4 Inverts	NC	NC	NC	NC	NC	--	1.2	R4 Inverts	3.2	1.2	NC	NC	NC	NC	NC	--	NC	NC	300	300	ORNL Plants
VOCs	tert Butyl alcohol	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	tert-Butylbenzene	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	1,1,1,2-Tetrachloroethane	0.07	R4 Inverts	NC	NC	NC	NC	NC	--	0.07	R4 Inverts	NC	0.07	225	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	1,1,2,2-Tetrachloroethane	0.127	R4 Mammal	NC	NC	NC	NC	NC	--	0.127	R4 Mammal	NC	0.19	0.127	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Tetrachloroethene	0.06	R4 Inverts	NC	NC	NC	NC	NC	--	0.06	R4 Inverts	10	0.06	0.18	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Toluene	0.15	R4 Inverts	NC	NC	NC	NC	NC	--	0.15	R4 Inverts	200	0.15	23	NC	NC	NC	NC	--	NC	NC	200	200	ORNL Plants
VOCs	1,2,3-Trichlorobenzene	20	R4 Inverts	NC	NC	NC	NC	NC	--	20	R4 Inverts	NC	20	NC	NC	NC	NC	NC	--	20	NC	NC	20	ORNL Inverts
VOCs	1,2,4-Trichlorobenzene	0.27	R4 Mammal	NC	NC	NC	NC	NC	--	0.27	R4 Mammal	NC	1.2	0.27	NC	NC	NC	NC	--	20	NC	NC	20	ORNL Inverts
VOCs	1,3,5-Trichlorobenzene	0.07	R4 Inverts	NC	NC	NC	NC	NC	--	0.07	R4 Inverts	NC	0.07	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	1,1,1-Trichloroethane	0.04	R4 Inverts	NC	NC	NC	NC	NC	--	0.04	R4 Inverts	NC	0.04	260	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	1,1,2-Trichloroethane	0.32	R4 Inverts	NC	NC	NC	NC	NC	--	0.32	R4 Inverts	NC	0.32	28.6	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Trichloroethene	0.06	R4 Inverts	NC	NC	NC	NC	NC	--	0.06	R4 Inverts	NC	0.06	42	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Trichlorofluoromethane	16.4	R4 Mammal	NC	NC	NC	NC	NC	--	16.4	R4 Mammal	NC	NC	16.4	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	1,2,3-Trichloropropane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	1,2,4-Trimethylbenzene	0.09	R4 Inverts	NC	NC	NC	NC	NC	--	0.09	R4 Inverts	NC	0.09	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	1,3,5-Trimethylbenzene	0.16	R4 Inverts	NC	NC	NC	NC	NC	--	0.16	R4 Inverts	NC	0.16	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	2,2,3-Trimethylbutane	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Vinyl acetate	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Vinyl chloride	0.03	R4 Inverts	NC	NC	NC	NC	NC	--	0.03	R4 Inverts	NC	0.03	0.12	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	m,p-Xylene	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	o-Xylene	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
VOCs	Xylenes (total)	0.1	R4 Inverts	NC	NC	NC	NC	NC	--	0.1	R4 Inverts	100	0.1	1.4	41	NC	NC	NC	--	NC	NC	NC	NC	--
PCBs	Aroclor-1016	0.041	R4 Avian	NC	NC	NC	NC	NC	--	0.041	R4 Avian	40	0.33	0.371	0.041	2.51	10	2.51	R6 Earthworms	NC	NC	40	40	ORNL Plants
PCBs	Aroclor-1221	0.041	R4 Avian	NC	NC	NC	NC	NC	--	0.041	R4 Avian	40	0.33	0.371	0.041	NC	NC	NC	--	NC	NC	40	40	ORNL Plants
PCBs	Aroclor-1232	0.041	R4 Avian	NC	NC	NC	NC	NC	--	0.041	R4 Avian	40	0.33	0.371	0.041	NC	NC	NC	--	NC	NC	40	40	ORNL Plants
PCBs	Aroclor-1242	0.041	R4 Avian	NC	NC	NC	NC	NC	--	0.041	R4 Avian	NC	NC	0.38	0.041	NC	NC	NC	--	NC	NC	40	40	ORNL Plants
PCBs	Aroclor-1248	0.041	R4 Avian	NC	NC	NC	NC	NC	--	0.041	R4 Avian	40	0.33	0.371	0.041	NC	NC	NC	--	NC	NC	40	40	ORNL Plants
PCBs	Aroclor-1254	0.041	R4 Avian	NC	NC	NC	NC	NC	--	0.041	R4 Avian	40	0.33	0.371	0.041	2.51	10	2.51	R6 Earthworms	NC	NC	40	40	ORNL Plants
PCBs	Aroclor-1260	0.041	R4 Avian	NC	NC	NC	NC	NC	--	0.041	R4 Avian	40	0.33	0.371	0.041	NC	NC	NC	--	NC	NC	40	40	ORNL Plants
TPH	Oil Range Organics	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
TPH	Total petroleum hydrocarbon-diesel	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
TPH	Total petroleum hydrocarbon-gasoline	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
Organic Halides	Organic Halides (total)	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
Other	bis(p-Chlorophenyl) disulfide	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
Other	4-Chlorothioanisole	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
Other	p-Chlorothiophenol	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
Other	2,2'-/4,4'-Dichlorobenzil	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
Other	Diphenyl sulfone	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
Other	Hydroxymethyl phthalimide	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
Other	Phenyl Disulfide	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
Other	bis(p-Chlorophenyl) sulfone	NC	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
RAD	Radium-226	see LANL Screening	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
RAD	Radium-228	see LANL Screening	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
RAD	Thorium-228	see LANL Screening	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
RAD	Thorium-230	see LANL Screening	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
RAD	Thorium-232	see LANL Screening	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
RAD	Uranium-234	see LANL Screening	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
RAD	Uranium-235	see LANL Screening	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--
RAD	Uranium-238	see LANL Screening	--	NC	NC	NC	NC	NC	--	NC	--	NC	NC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--

**TABLE 2-4a. Surface Soil Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

All data in mg/kg

Chem Group	Chemical Name	SLERA ESV (mg/kg)	Source	Eco-SSL Avian	Eco-SSL Inverts	Eco-SSL Mammal	Eco-SSL Plants	Most Sensitive Eco-SSL	Source	Most Sensitive USEPA R4 ESV	Source	R4 Plants	R4 Inverts	R4 Mammal	R4 Avian	R6 Earth- worms	R6 Plants	Most Sensitive USEPA R6 ESV	Source	ORNL Inverts	ORNL Microbes	ORNL Plants	Most Sensitive ORNL ESV	Source
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Notes:

- (1) All ESVs are in milligrams per kilogram (mg/kg).
- (2) Hierarchy of surface soil ecological screening values are as follows (in order of preference): minimum Eco-SSL; USEPA R4; minimum USEPA R6; and minimum ORNL.
- (3) R4 ESV for fluoride reports that it is 32 mg/kg; however, the source of this ESV is unclear as it is not reported in R4's supporting documentation.

2,4,5-T = 2,4,5-Trichlorophenoxyacetic acid	N = Nitrogen
2,4,5-TP = Fenoprop	NC = No criterion
2,4-D = 2,4-Dichlorophenoxyacetic acid	NOAEL = No observed adverse effects number
2,4-DB = 4-(2,4-Dichlorophenoxy)butanoic acid	OCPs = Organochlorine Pesticides
BHC = Hexachlorocyclohexane	OPPs = Organophosphate Pesticides
CASRN = Chemical Abstract Service Registration Number	ORNL = Oak Ridge National Laboratory
DDD = Dichlorodiphenyldichloroethane	OU-2 = Operable Unit 2
DDE = Dichlorodiphenyldichloroethylene	P = Phosphorous
DDT = Dichlorodiphenyltrichloroethane	PAHs = Polycyclic Aromatic Hydrocarbons
DDx = Sum of all DDT isomers and metabolites	PCBs = Polychlorinated Biphenyls
DL = Detection limit	R4 = USEPA R4
Eco-SSL = Ecological Soil Screening Level	R6 = USEPA R6
EPN = O-Ethyl O-(4-nitrophenyl) phenylphosphonothioate	RAD = Radionuclide Compounds
ESV = Ecological screening level	SLERA = Screening level ecological risk assessment
HMW = High Molecular Weight	SVOCs = Semivolatile Organic Compounds
Inverts = Invertebrates	TEQ = Toxic equivalency quotient
LANL = Los Alamos National Laboratory	TPH = Total Petroleum Hydrocarbons
LMW = Low Molecular Weight	TRV = Toxicity reference value
mg/kg = Milligram per kilogram.	USEPA = United States Environmental Protection Agency
Min = Minimum	VOCs = Volatile Organic Compounds

References:

- Eco-SSL ESVs: USEPA. 2007. Ecological Soil Screening Level (Eco-SSL) Guidance and Documents. <https://www.epa.gov/risk/ecological-soil-screening-level-eco-ssl-guidance-and-documents>.
- ORNL ESVs: Efroymson, R.A., M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, TN. ES/ER/TM-126/R2. (Available at <http://www.esd.ornl.gov/programs/ecorisk/documents/tm126r21.pdf>)
- USEPA R4 ESVs: USEPA Region 4. Regional Ecological Risk Assessment (ERA) Supplemental Guidance. <https://www.epa.gov/risk/regional-ecological-risk-assessment-era-supplemental-guidance> (Accessed April 16, 2018).
- USEPA R6 ESVs: USEPA Region 6. 1999. Screening Level Ecological Risk Assessment Protocol for Hazardous Waste Combustion Facilities (EPA530-D-99-001A). August.

**TABLE 2-4b. Surface Soil Ecological Screening Values for Radionuclide Compounds
Nevada Environmental Response Trust Site
Henderson, Nevada**

All data in pCi/g

Constituent	Medium	Receptor	LANL Screening Values pCi/g	
			NOAEL	LOAEL
RA-226	SOIL	Earthworm (Soil-dwelling invertebrate)	1.5	15
RA-226	SOIL	American robin (Avian insectivore)	8.2	82
RA-226	SOIL	American robin (Avian omnivore)	8.4	84
RA-226	SOIL	American robin (Avian herbivore)	34	340
RA-226	SOIL	Generic plant (Terrestrial autotroph - producer)	54	540
RA-226	SOIL	American kestrel (insectivore / carnivore)	61	610
RA-226	SOIL	Mountain cottontail (Mammalian herbivore)	340	3,400
RA-226	SOIL	Gray fox (Mammalian top carnivore)	370	3,700
RA-226	SOIL	Deer mouse (Mammalian omnivore)	380	3,800
RA-226	SOIL	Montane shrew (Mammalian insectivore)	510	5,100
RA-226	SOIL	American kestrel (Avian top carnivore)	870	8,700
RA-228	SOIL	Earthworm (Soil-dwelling invertebrate)	1.2	12
RA-228	SOIL	American robin (Avian insectivore)	11	110
RA-228	SOIL	American robin (Avian omnivore)	11	110
RA-228	SOIL	American robin (Avian herbivore)	46	460
RA-228	SOIL	Generic plant (Terrestrial autotroph - producer)	48	480
RA-228	SOIL	American kestrel (insectivore / carnivore)	83	830
RA-228	SOIL	Mountain cottontail (Mammalian herbivore)	420	4,200
RA-228	SOIL	Deer mouse (Mammalian omnivore)	490	4,900
RA-228	SOIL	Gray fox (Mammalian top carnivore)	560	5,600
RA-228	SOIL	Montane shrew (Mammalian insectivore)	770	7,700
RA-228	SOIL	American kestrel (Avian top carnivore)	1,400	14,000
TH-228	SOIL	Earthworm (Soil-dwelling invertebrate)	43	430
TH-228	SOIL	Generic plant (Terrestrial autotroph - producer)	140	1,400
TH-228	SOIL	Mountain cottontail (Mammalian herbivore)	800	8,000
TH-228	SOIL	Deer mouse (Mammalian omnivore)	820	8,200
TH-228	SOIL	Gray fox (Mammalian top carnivore)	830	8,300
TH-228	SOIL	Montane shrew (Mammalian insectivore)	830	8,300
TH-228	SOIL	American robin (Avian herbivore)	1,100	11,000
TH-228	SOIL	American robin (Avian omnivore)	1,200	12,000
TH-228	SOIL	American robin (Avian insectivore)	1,300	13,000
TH-228	SOIL	American kestrel (Avian top carnivore)	1,600	16,000
TH-228	SOIL	American kestrel (insectivore / carnivore)	1,600	16,000
TH-230	SOIL	Earthworm (Soil-dwelling invertebrate)	52	520
TH-230	SOIL	Generic plant (Terrestrial autotroph - producer)	200	2,000
TH-230	SOIL	American robin (Avian herbivore)	1,200	12,000
TH-230	SOIL	American robin (Avian omnivore)	1,400	14,000
TH-230	SOIL	American robin (Avian insectivore)	2,200	22,000
TH-230	SOIL	American kestrel (insectivore / carnivore)	17,000	170,000
TH-230	SOIL	Mountain cottontail (Mammalian herbivore)	21,000	210,000
TH-230	SOIL	Gray fox (Mammalian top carnivore)	68,000	680,000
TH-230	SOIL	Deer mouse (Mammalian omnivore)	78,000	780,000
TH-230	SOIL	Montane shrew (Mammalian insectivore)	110,000	1,100,000
TH-230	SOIL	American kestrel (Avian top carnivore)	170,000	1,700,000
TH-232	SOIL	Earthworm (Soil-dwelling invertebrate)	6.2	62
TH-232	SOIL	Generic plant (Terrestrial autotroph - producer)	24	240
TH-232	SOIL	American robin (Avian herbivore)	150	1,500
TH-232	SOIL	American robin (Avian omnivore)	170	1,700
TH-232	SOIL	American robin (Avian insectivore)	260	2,600
TH-232	SOIL	American kestrel (insectivore / carnivore)	2,200	22,000
TH-232	SOIL	Mountain cottontail (Mammalian herbivore)	2,900	29,000
TH-232	SOIL	Gray fox (Mammalian top carnivore)	14,000	140,000
TH-232	SOIL	Deer mouse (Mammalian omnivore)	19,000	190,000
TH-232	SOIL	Montane shrew (Mammalian insectivore)	49,000	490,000
TH-232	SOIL	American kestrel (Avian top carnivore)	50,000	500,000

**TABLE 2-4b. Surface Soil Ecological Screening Values for Radionuclide Compounds
Nevada Environmental Response Trust Site
Henderson, Nevada**

All data in pCi/g

Constituent	Medium	Receptor	LANL Screening Values pCi/g	
			NOAEL	LOAEL
U-234	SOIL	Generic plant (Terrestrial autotroph - producer)	440	4,400
U-234	SOIL	Earthworm (Soil-dwelling invertebrate)	2,200	22,000
U-234	SOIL	American robin (Avian herbivore)	14,000	140,000
U-234	SOIL	American robin (Avian omnivore)	27,000	270,000
U-234	SOIL	Mountain cottontail (Mammalian herbivore)	36,000	360,000
U-234	SOIL	American robin (Avian insectivore)	69,000	690,000
U-234	SOIL	Gray fox (Mammalian top carnivore)	110,000	1,100,000
U-234	SOIL	Deer mouse (Mammalian omnivore)	120,000	1,200,000
U-234	SOIL	Montane shrew (Mammalian insectivore)	140,000	1,400,000
U-234	SOIL	American kestrel (Avian top carnivore)	260,000	2,600,000
U-234	SOIL	American kestrel (insectivore / carnivore)	260,000	2,600,000
U-235	SOIL	Generic plant (Terrestrial autotroph - producer)	440	4,400
U-235	SOIL	Earthworm (Soil-dwelling invertebrate)	1,600	16,000
U-235	SOIL	Mountain cottontail (Mammalian herbivore)	4,700	47,000
U-235	SOIL	Deer mouse (Mammalian omnivore)	5,200	52,000
U-235	SOIL	Gray fox (Mammalian top carnivore)	5,200	52,000
U-235	SOIL	Montane shrew (Mammalian insectivore)	5,200	52,000
U-235	SOIL	American robin (Avian herbivore)	6,300	63,000
U-235	SOIL	American robin (Avian omnivore)	7,900	79,000
U-235	SOIL	American robin (Avian insectivore)	9,500	95,000
U-235	SOIL	American kestrel (Avian top carnivore)	10,000	100,000
U-235	SOIL	American kestrel (insectivore / carnivore)	10,000	100,000
U-238	SOIL	Generic plant (Terrestrial autotroph - producer)	400	4,000
U-238	SOIL	Earthworm (Soil-dwelling invertebrate)	1,100	11,000
U-238	SOIL	Mountain cottontail (Mammalian herbivore)	2,000	20,000
U-238	SOIL	Deer mouse (Mammalian omnivore)	2,100	21,000
U-238	SOIL	Gray fox (Mammalian top carnivore)	2,100	21,000
U-238	SOIL	Montane shrew (Mammalian insectivore)	2,100	21,000
U-238	SOIL	American robin (Avian herbivore)	3,300	33,000
U-238	SOIL	American robin (Avian omnivore)	3,700	37,000
U-238	SOIL	American robin (Avian insectivore)	4,000	40,000
U-238	SOIL	American kestrel (Avian top carnivore)	4,200	42,000
U-238	SOIL	American kestrel (insectivore / carnivore)	4,200	42,000

Notes:

LANL = Los Alamos National Laboratory
 LOAEL = Lowest observed adverse affect level
 NOAEL = No observe adverse effect level
 pCi/g = Picocuries per gram
 Ra = Radium
 Th = Thorium
 U = Uranium

References:

Los Alamos National Laboratory. 2018. ECORISK Database (Release 4.1). <http://www.lanl.gov/> (Accessed: 4/11/2018).

TABLE 2-5a. Data Summary Statistics and Hazard Quotients in Shallow Soil in the OU-2 SLERA Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Analyte Group	Analyte	CASRN	Units	# Samples	# Detects	% Detects	Detects		Fail Statistical Testing for Background Consistency? (a)	SLERA Criterion	Source	Is this Constituent Detected?	Is maximum detection > criterion?	Is the FOD >5%?	Max HQ	Reason for Exclusion	Retain for further analysis (Y/N)?
							Max	Max Location									
General Chemistry	Ammonia	7664-41-7	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
General Chemistry	Bromide	24959-67-9	mg/kg	34	9	26	7.60E+00	TSB-AR-06-0(FD)	No BKG	NC	--	Yes	NC	Yes	No ESV	--	YES
General Chemistry	Bromine	7726-95-6	mg/kg	30	9	30	1.52E+01	TSB-AR-06-0(FD)	No BKG	1.00E+01	R4 Plants	Yes	Yes	Yes	2	--	YES
General Chemistry	Chlorate	14866-68-3	mg/kg	4	2	50	6.30E+00	SA27-0.5	No BKG	NC	--	Yes	NC	Yes	No ESV	--	YES
General Chemistry	Chloric acid	7790-93-4	mg/kg	30	6	20	4.60E+00	TSB-AR-06-0(FD)	No BKG	NC	--	Yes	NC	Yes	No ESV	--	YES
General Chemistry	Chlorine	7782-50-5	mg/kg	30	28	93	4.41E+03	TSB-AR-06-0(FD)	No BKG	NC	--	Yes	NC	Yes	No ESV	--	YES
General Chemistry	Cyanide (total)	57-12-5	mg/kg	3	0	0	ND	--	No BKG	9.80E-02	R4 Avian	no	NA	NA	Not detected	Not detected	no
General Chemistry	Fluoride	16984-48-8	mg/kg	30	14	47	1.60E+00	TSB-AJ-03-0	NA	1.20E+02	R4 Avian	Yes	No	Yes	0.01	Maximum concentration is less than ESV	no
General Chemistry	Nitrate (as N)	14797-55-8_N	mg/kg	34	34	100	2.29E+02	TSB-AR-06-0(FD)	NA	NC	--	Yes	NC	Yes	No ESV	--	YES
General Chemistry	Nitrite (as N)	14797-65-0	mg/kg	34	5	15	4.20E+00	SA27-0.5	NA	NC	--	Yes	NC	Yes	No ESV	--	YES
General Chemistry	Perchlorate	14797-73-0	mg/kg	34	33	97	2.18E+01	SA26-0.5	No BKG	1.20E-01	LANL Min NOAEL TRV	Yes	Yes	Yes	200	--	YES
General Chemistry	ortho-Phosphate	11-36-9	mg/kg	34	3	9	2.00E+00	TSB-AR-11-0	No BKG	NC	--	Yes	NC	Yes	No ESV	--	YES
General Chemistry	Sulfate	14808-79-8	mg/kg	34	34	100	1.45E+03	TSB-AR-06-0(FD)	NA	NC	--	Yes	NC	Yes	No ESV	--	YES
Metals	Aluminum	7429-90-5	mg/kg	34	34	100	9.75E+03	TSB-BJ-01-0	No	5.00E+00	R6 Plants	Yes	Yes	Yes	2,000	OU-2 data consistent with background	no
Metals	Antimony	7440-36-0	mg/kg	34	31	91	4.20E-01	TSB-BR-02-0	No	2.70E-01	Eco-SSL Mammal	Yes	Yes	Yes	2	OU-2 data consistent with background	no
Metals	Arsenic	7440-38-2	mg/kg	34	34	100	3.70E+00	TSB-AR-01-0(FD)	No	1.80E+01	Eco-SSL Plants	Yes	No	Yes	0.2	OU-2 data consistent with background	no
Metals	Barium	7440-39-3	mg/kg	34	34	100	2.43E+02	TSB-AR-04-0	Yes	3.30E+02	Eco-SSL Inverts	Yes	No	Yes	0.7	Maximum concentration is less than ESV	no
Metals	Beryllium	7440-41-7	mg/kg	34	34	100	5.70E-01	TSB-BJ-01-0	No	2.10E+01	Eco-SSL Mammal	Yes	No	Yes	0.03	OU-2 data consistent with background	no
Metals	Boron	7440-42-8	mg/kg	34	4	12	1.11E+01	SA26-0.5	LDF (No)	2.00E+00	R4 Avian	Yes	Yes	Yes	6	OU-2 data consistent with background	no
Metals	Cadmium	7440-43-9	mg/kg	34	31	91	5.90E-01	TSB-BJ-02-0	LDF (Yes)	3.60E-01	Eco-SSL Mammal	Yes	Yes	Yes	2	--	YES
Metals	Chromium (total)	7440-47-3	mg/kg	34	34	100	1.59E+01	TSB-BJ-02-0	Yes	2.60E+01	Eco-SSL Avian	Yes	No	Yes	0.6	Maximum concentration is less than ESV	no
Metals	Chromium VI	18540-29-9	mg/kg	34	17	50	5.40E-01	TSB-BR-05-0	LDF (Yes)	1.30E+02	Eco-SSL Mammal	Yes	No	Yes	0.004	Maximum concentration is less than ESV	no
Metals	Cobalt	7440-48-4	mg/kg	34	34	100	7.50E+00	TSB-BR-02-0	No	1.30E+01	Eco-SSL Plants	Yes	No	Yes	0.6	OU-2 data consistent with background	no
Metals	Copper	7440-50-8	mg/kg	34	34	100	3.10E+01	TSB-BR-02-0	No	2.80E+01	Eco-SSL Avian	Yes	Yes	Yes	1	OU-2 data consistent with background	no
Metals	Iron	7439-89-6	mg/kg	34	34	100	1.72E+04	TSB-BJ-02-0	No	2.00E+02	ORNL Microbes	Yes	Yes	Yes	90	OU-2 data consistent with background	no
Metals	Lead	7439-92-1	mg/kg	34	34	100	1.36E+02	TSB-BR-03-0	Yes	1.10E+01	Eco-SSL Avian	Yes	Yes	Yes	10	--	YES
Metals	Lithium	7439-93-2	mg/kg	30	28	93	1.69E+01	TSB-AR-12-0	No	2.00E+00	R4 Plants	Yes	Yes	Yes	8	OU-2 data consistent with background	no
Metals	Magnesium	7439-95-4	mg/kg	34	34	100	9.79E+03	TSB-AR-01-0	No	NC	--	Yes	NC	Yes	No ESV	OU-2 data consistent with background	no
Metals	Manganese	7439-96-5	mg/kg	34	34	100	6.68E+02	TSB-BR-02-0	No	2.20E+02	Eco-SSL Plants	Yes	Yes	Yes	3	OU-2 data consistent with background	no
Metals	Mercury	7439-97-6	mg/kg	34	24	71	1.56E-02	TSB-BJ-01-0	No	1.30E-02	R4 Avian	Yes	Yes	Yes	1	OU-2 data consistent with background	no
Metals	Molybdenum	7439-98-7	mg/kg	34	19	56	1.10E+00	SA26-0.5	No	2.00E+00	R4 Plants	Yes	No	Yes	0.6	OU-2 data consistent with background	no
Metals	Nickel	7440-02-0	mg/kg	34	34	100	2.37E+01	TSB-AJ-02-0	No	3.80E+01	Eco-SSL Plants	Yes	No	Yes	0.6	OU-2 data consistent with background	no
Metals	Niobium	7440-03-1	mg/kg	30	2	7	2.00E+00	TSB-AR-01-0	LDF (No)	NC	--	Yes	NC	Yes	No ESV	OU-2 data consistent with background	no
Metals	Palladium	7440-05-3	mg/kg	30	30	100	5.20E-01	TSB-AR-01-0	No	NC	--	Yes	NC	Yes	No ESV	OU-2 data consistent with background	no
Metals	Phosphorous (as P)	7723-14-0	mg/kg	30	30	100	1.51E+03	TSB-BR-02-0	No	NC	--	Yes	NC	Yes	No ESV	OU-2 data consistent with background	no
Metals	Platinum	7440-06-4	mg/kg	34	2	6	1.60E-02	SA26-0.5	LDF (No)	NC	--	Yes	NC	Yes	No ESV	OU-2 data consistent with background	no
Metals	Selenium	7782-49-2	mg/kg	34	1	3	1.20E-01	SA26-0.5	LDF (No)	5.20E-01	Eco-SSL Plants	Yes	No	no	0.2	OU-2 data consistent with background	no
Metals	Silicon	7440-21-3	mg/kg	30	30	100	1.32E+03	TSB-AR-02-0	No	NC	--	Yes	NC	Yes	No ESV	OU-2 data consistent with background	no
Metals	Silver	7440-22-4	mg/kg	34	34	100	8.20E-01	TSB-BR-03-0	LDF (No)	4.20E+00	Eco-SSL Avian	Yes	No	Yes	0.2	OU-2 data consistent with background	no
Metals	Strontium	7440-24-6	mg/kg	34	34	100	2.04E+02	TSB-AR-01-0	No	9.50E+01	R4 Mammal	Yes	Yes	Yes	2	OU-2 data consistent with background	no
Metals	Sulfur	7704-34-9	mg/kg	30	3	10	1.21E+03	TSB-AR-06-0	No BKG	NC	--	Yes	NC	Yes	No ESV	--	YES
Metals	Thallium	7440-28-0	mg/kg	34	4	12	2.00E-01	SA26-0.5	LDF (No)	5.00E-02	R4 Plants	Yes	Yes	Yes	4	OU-2 data consistent with background	no
Metals	Tin	7440-31-5	mg/kg	34	31	91	1.50E+00	TSB-BR-02-0	Yes	7.62E+00	R4 Mammal	Yes	No	Yes	0.2	Maximum concentration is less than ESV	no
Metals	Titanium	7440-32-6	mg/kg	34	34	100	9.82E+02	TSB-BJ-02-0	Yes	1.00E+03	ORNL Microbes	Yes	No	Yes	1	Maximum concentration is less than ESV	no
Metals	Tungsten	7440-33-7	mg/kg	34	4	12	9.80E-01	SA25-0.5	LDF (No)	4.00E+02	ORNL Microbes	Yes	No	Yes	0.002	OU-2 data consistent with background	no
Metals	Uranium	7440-61-1	mg/kg	34	34	100	1.30E+00	TSB-AR-01-0(FD)	No	2.50E+01	R4 Plants	Yes	No	Yes	0.05	OU-2 data consistent with background	no
Metals	Vanadium	7440-62-2	mg/kg	34	34	100	5.34E+01	TSB-BJ-02-0	No	7.80E+00	Eco-SSL Avian	Yes	Yes	Yes	7	OU-2 data consistent with background	no
Metals	Zinc	7440-66-6	mg/kg	34	34	100	2.11E+02	TSB-BJ-01-0	No	4.60E+01	Eco-SSL Avian	Yes	Yes	Yes	5	OU-2 data consistent with background	no
Metals	Zirconium	7440-67-7	mg/kg	30	30	100	2.69E+01	TSB-AR-12-0	No	NC	--	Yes	NC	Yes	No ESV	OU-2 data consistent with background	no
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	TEQ-M(0.5L)	mg/kg	28	28	100	2.17E-04	SA25-0.5	No BKG	3.15E-06	R4 Mammal	Yes	Yes	Yes	70	--	YES
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	TEQ-A(0.5L)	mg/kg	28	28	100	4.57E-04	SA25-0.5	No BKG	1.60E-05	R4 Avian	Yes	Yes	Yes	30	--	YES
OCPs	Aldrin	309-00-2	mg/kg	35	0	0	ND	--	No BKG	3.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
OCPs	alpha-BHC	319-84-6	mg/kg	35	1	3	3.20E-04	PC-70_06/23/1999	No BKG	3.00E-04	R4 Inverts	Yes	Yes	no	1	FOD<5%	no
OCPs	beta-BHC	319-85-7	mg/kg	35	24	69	5.90E-02	TSB-BR-03-0	No BKG	3.00E-04	R4 Inverts	Yes	Yes	Yes	200	--	YES
OCPs	delta-BHC	319-86-8	mg/kg	35	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OCPs	gamma-BHC	58-89-9	mg/kg	35	0	0	ND	--	No BKG	3.10E-03	R4 Inverts	no	NA	NA	Not detected	Not detected	no
OCPs	Chlordane (total)	57-74-9	mg/kg	34	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OCPs	alpha-Chlordane	5103-71-9	mg/kg	35	0	0	ND	--	No BKG	2.90E-03	R4 Inverts	no	NA	NA	Not detected	Not detected	no
OCPs	gamma-Chlordane	5103-74-2	mg/kg	35	0	0	ND	--	No BKG	2.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
OCPs	2,4-D	94-75-7	mg/kg	1	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OCPs	Dalapon	75-99-0	mg/kg	1	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OCPs	2,4-DB	94-82-6	mg/kg	1	1	100	6.00E-02	PC-70_06/23/1999	No BKG	NC	--	Yes	NC	Yes	No ESV	--	YES
OCPs	2,4-DDD	53-19-0	mg/kg	30	0	0	ND	--	No BKG	2.10E-02	Eco-SSL Mammal	no	NA	NA	Not detected	Not detected	no
OCPs	4,4'-DDD	72-54-8	mg/kg	35	0	0	ND	--	No BKG	2.10E-02	Eco-SSL Mammal	no	NA	NA	Not detected	Not detected	no
OCPs	2,4-DDE	3424-82-6	mg/kg	30	5	17	7.40E-03	TSB-AR-12-0	No BKG	2.10E-02	Eco-SSL Mammal	Yes	No	Yes	0.4	Maximum concentration is less than ESV	no
OCPs	4,4'-DDE	72-55-9	mg/kg	35	13	37	1.50E-02	SA25-0.5	No BKG	2.10E-02	Eco-SSL Mammal	Yes	No	Yes	0.7	Maximum concentration is less than ESV	no
OCPs	4,4'-DDT	50-29-3	mg/kg	35	7	20	1.20E-02	TSB-BJ-06-0	No BKG	2.10E-02	Eco-SSL Mammal	Yes	No	Yes	0.6	Maximum concentration is less than ESV	no
OCPs	Calculated DDx (ND=0.5DL) (b)	REH DDx	mg/kg	35	13	37	2.84E-02	TSB-BJ-06-0	No BKG	2.10E-02	Eco-SSL Mammal	Yes	Yes	Yes	1	Max HQ=1	no

TABLE 2-5a. Data Summary Statistics and Hazard Quotients in Shallow Soil in the OU-2 SLERA Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Analyte Group	Analyte	CASRN	Units	# Samples	# Detects	% Detects	Detects		Fail Statistical Testing for Background Consistency? (a)	SLERA Criterion	Source	Is this Constituent Detected?	Is maximum detection > criterion?	Is the FOD >5%?	Max HQ	Reason for Exclusion	Retain for further analysis (Y/N)?
							Max	Max Location									
OCPs	Dicamba	1918-00-9	mg/kg	1	1	100	2.00E-03	PC-70_06/23/1999	No BKG	NC	--	Yes	NC	Yes	No ESV	--	YES
OCPs	Dichloroprop	120-36-5	mg/kg	1	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OCPs	Dieldrin	60-57-1	mg/kg	35	0	0	ND	--	No BKG	4.90E-03	Eco-SSL Mammal	no	NA	NA	Not detected	Not detected	no
OCPs	Dinoseb	88-85-7	mg/kg	1	0	0	ND	--	No BKG	1.50E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
OCPs	Endosulfan I	959-98-8	mg/kg	35	0	0	ND	--	No BKG	9.00E-04	R4 Inverts	no	NA	NA	Not detected	Not detected	no
OCPs	Endosulfan II	33213-65-9	mg/kg	35	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OCPs	Endosulfan sulfate	1031-07-8	mg/kg	35	0	0	ND	--	No BKG	7.00E-04	R4 Inverts	no	NA	NA	Not detected	Not detected	no
OCPs	Endrin	72-20-8	mg/kg	35	0	0	ND	--	No BKG	1.40E-03	R4 Avian	no	NA	NA	Not detected	Not detected	no
OCPs	Endrin aldehyde	7421-93-4	mg/kg	35	1	3	3.60E-03	TSB-AR-12-0	No BKG	1.40E-03	--	Yes	Yes	no	3	FOD<5%	no
OCPs	Endrin ketone	53494-70-5	mg/kg	35	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OCPs	Heptachlor	76-44-8	mg/kg	35	0	0	ND	--	No BKG	1.60E-03	R4 Inverts	no	NA	NA	Not detected	Not detected	no
OCPs	Heptachlor epoxide	1024-57-3	mg/kg	35	0	0	ND	--	No BKG	1.50E-04	R4 Inverts	no	NA	NA	Not detected	Not detected	no
OCPs	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	94-74-6	mg/kg	1	1	100	1.20E+03	PC-70_06/23/1999	No BKG	NC	--	Yes	NC	Yes	No ESV	--	YES
OCPs	Mecoprop	7085-19-0	mg/kg	1	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OCPs	Methoxychlor	72-43-5	mg/kg	35	0	0	ND	--	No BKG	2.10E-03	R4 Inverts	no	NA	NA	Not detected	Not detected	no
OCPs	2,4,5-T	93-76-5	mg/kg	1	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OCPs	Toxaphene	8001-35-2	mg/kg	35	0	0	ND	--	No BKG	1.50E-04	R4 Inverts	no	NA	NA	Not detected	Not detected	no
OCPs	2,4,5-TP	93-72-1	mg/kg	1	0	0	ND	--	No BKG	5.50E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
OPPs	Chlorpyrifos	2921-88-2	mg/kg	4	0	0	ND	--	No BKG	3.00E-03	R4 Inverts	no	NA	NA	Not detected	Not detected	no
OPPs	Coumaphos	56-72-4	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OPPs	Dasanit	115-90-2	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OPPs	Demeton-O	298-03-3	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OPPs	Demeton-S	126-75-0	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OPPs	Diazinon	333-41-5	mg/kg	4	0	0	ND	--	No BKG	3.70E-03	R4 Inverts	no	NA	NA	Not detected	Not detected	no
OPPs	Dichlorovos	62-73-7	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OPPs	Dimethoate	60-51-5	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OPPs	Disulfoton	298-04-4	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OPPs	EPN	2104-64-5	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OPPs	Ethoprop	13194-48-4	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OPPs	Famphur	52-85-7	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OPPs	Fenthion	55-38-9	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OPPs	Guthion	86-50-0	mg/kg	4	0	0	ND	--	No BKG	6.00E-05	R4 Inverts	no	NA	NA	Not detected	Not detected	no
OPPs	Malathion	121-75-5	mg/kg	4	0	0	ND	--	No BKG	4.00E-05	R4 Inverts	no	NA	NA	Not detected	Not detected	no
OPPs	Merphos	150-50-5	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OPPs	Methyl parathion	298-00-0	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OPPs	Mevinphos	7786-34-7	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OPPs	Naled	300-76-5	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OPPs	Parathion	56-38-2	mg/kg	4	0	0	ND	--	No BKG	1.90E-04	R4 Inverts	no	NA	NA	Not detected	Not detected	no
OPPs	Phorate	298-02-2	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OPPs	Prothiophos	34643-46-4	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OPPs	Ronnel	299-84-3	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OPPs	Stirophos	22248-79-9	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OPPs	Sulfotepp	3689-24-5	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OPPs	Sulprofos	35400-43-2	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OPPs	Thionazin	297-97-2	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
OPPs	Trichloronate	327-98-0	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
PAHs	Ramboll calculated HMW PAHs (c)	HMWPAHs(0.5L)	mg/kg	35	1	3	8.26E-02	TSB-AR-01-0-DUP	No BKG	1.10E+00	Eco-SSL Mammal	Yes	No	no	0.08	Maximum concentration is less than ESV	no
PAHs	Ramboll calculated LMW PAHs (c)	LMWPAHs(0.5L)	mg/kg	35	5	14	4.60E-01	TSB-AR-9-0	No BKG	2.90E+01	Eco-SSL Inverts	Yes	No	Yes	0.02	Maximum concentration is less than ESV	no
PAHs	Ramboll Calculated Total PAHs (c)	TPAHs(0.5L)	mg/kg	35	6	17	4.87E-01	TSB-AR-9-0	No BKG	1.10E+00	--	Yes	No	Yes	0.4	Maximum concentration is less than ESV	no
SVOCs	Aniline	62-53-3	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
SVOCs	Benzenethiol	108-98-5	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
SVOCs	Benzoic acid	65-85-0	mg/kg	30	0	0	ND	--	No BKG	1.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
SVOCs	Benzyl alcohol	100-51-6	mg/kg	30	0	0	ND	--	No BKG	2.00E-03	R4 Inverts	no	NA	NA	Not detected	Not detected	no
SVOCs	bis(2-Chloro-1-methylethyl) ether	108-60-1	mg/kg	31	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
SVOCs	bis(2-Chloroethoxy)methane	111-91-1	mg/kg	31	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
SVOCs	bis(2-Chloroethyl) ether	111-44-4	mg/kg	31	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	35	3	9	1.00E+00	PC-70_06/23/1999	No BKG	2.00E-02	R4 Avian	Yes	Yes	Yes	50	--	YES
SVOCs	4-Bromophenyl-phenyl ether	101-55-3	mg/kg	31	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
SVOCs	Butylbenzylphthalate	85-68-7	mg/kg	35	1	3	2.80E-01	TSB-BR-03-0	No BKG	5.90E-01	R4 Inverts	Yes	No	no	0.5	Maximum concentration is less than ESV	no
SVOCs	Carbazole	86-74-8	mg/kg	31	0	0	ND	--	No BKG	7.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
SVOCs	4-Chloroaniline	106-47-8	mg/kg	31	0	0	ND	--	No BKG	1.00E+00	R4 Plants	no	NA	NA	Not detected	Not detected	no
SVOCs	2-Chloronaphthalene	91-58-7	mg/kg	31	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
SVOCs	2-Chlorophenol	95-57-8	mg/kg	31	0	0	ND	--	No BKG	6.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	mg/kg	31	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
SVOCs	Dibenzofuran	132-64-9	mg/kg	31	0	0	ND	--	No BKG	1.50E-01	R4 Inverts	no	NA	NA	Not detected	Not detected	no
SVOCs	3,3'-Dichlorobenzidine	91-94-1	mg/kg	31	0	0	ND	--	No BKG	3.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no

TABLE 2-5a. Data Summary Statistics and Hazard Quotients in Shallow Soil in the OU-2 SLERA Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Analyte Group	Analyte	CASRN	Units	# Samples	# Detects	% Detects	Detects		Fail Statistical Testing for Background Consistency? (a)	SLERA Criterion	Source	Is this Constituent Detected?	Is maximum detection > criterion?	Is the FOD >5%?	Max HQ	Reason for Exclusion	Retain for further analysis (Y/N)?
							Max	Max Location									
SVOCs	2,4-Dichlorophenol	120-83-2	mg/kg	31	0	0	ND	--	No BKG	5.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
SVOCs	Diethylphthalate	84-66-2	mg/kg	35	0	0	ND	--	No BKG	2.50E-01	R4 Inverts	no	NA	NA	Not detected	Not detected	no
SVOCs	2,4-Dimethylphenol	105-67-9	mg/kg	31	0	0	ND	--	No BKG	4.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
SVOCs	Dimethylphthalate	131-11-3	mg/kg	35	0	0	ND	--	No BKG	1.00E+01	R4 Inverts	no	NA	NA	Not detected	Not detected	no
SVOCs	Di-n-butylphthalate	84-74-2	mg/kg	35	1	3	5.00E-02	TSB-BR-03-0	No BKG	1.10E-02	R4 Avian	Yes	Yes	no	5	FOD<5%	no
SVOCs	2,4-Dinitrophenol	51-28-5	mg/kg	31	0	0	ND	--	No BKG	6.10E-02	R4 Mammal	no	NA	NA	Not detected	Not detected	no
SVOCs	2,4-Dinitrotoluene	121-14-2	mg/kg	31	0	0	ND	--	No BKG	6.00E+00	R4 Plants	no	NA	NA	Not detected	Not detected	no
SVOCs	2,6-Dinitrotoluene	606-20-2	mg/kg	31	0	0	ND	--	No BKG	4.00E+00	R4 Mammal	no	NA	NA	Not detected	Not detected	no
SVOCs	Di-n-octylphthalate	117-84-0	mg/kg	35	0	0	ND	--	No BKG	9.10E-01	R4 Mammal	no	NA	NA	Not detected	Not detected	no
SVOCs	1,4-Dioxane	123-91-1	mg/kg	34	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
SVOCs	Hexachlorobenzene	118-74-1	mg/kg	36	1	3	8.60E-03	SA26-0.5	No BKG	7.90E-02	R4 Avian	Yes	No	no	0.1	Maximum concentration is less than ESV	no
SVOCs	Hexachlorobutadiene	87-68-3	mg/kg	35	0	0	ND	--	No BKG	9.00E-03	R4 Inverts	no	NA	NA	Not detected	Not detected	no
SVOCs	Hexachlorocyclopentadiene	77-47-4	mg/kg	31	0	0	ND	--	No BKG	1.00E-03	R4 Inverts	no	NA	NA	Not detected	Not detected	no
SVOCs	Hexachloroethane	67-72-1	mg/kg	31	0	0	ND	--	No BKG	2.40E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
SVOCs	Isophorone	78-59-1	mg/kg	31	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
SVOCs	2-Methylphenol	95-48-7	mg/kg	31	0	0	ND	--	No BKG	1.00E-01	R4 Inverts	no	NA	NA	Not detected	Not detected	no
SVOCs	3-Methylphenol & 4-Methylphenol	65794-96-9	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
SVOCs	4-Methylphenol	106-44-5	mg/kg	1	0	0	ND	--	No BKG	8.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
SVOCs	4,6-Dinitro-2-methylphenol	534-52-1	mg/kg	1	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
SVOCs	4-Chloro-3-methylphenol	59-50-7	mg/kg	31	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
SVOCs	2-Nitroaniline	88-74-4	mg/kg	31	0	0	ND	--	No BKG	2.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
SVOCs	3-Nitroaniline	99-09-2	mg/kg	31	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
SVOCs	4-Nitroaniline	100-01-6	mg/kg	31	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
SVOCs	Nitrobenzene	98-95-3	mg/kg	35	0	0	ND	--	No BKG	2.20E+00	R4 Inverts	no	NA	NA	Not detected	Not detected	no
SVOCs	2-Nitrophenol	88-75-5	mg/kg	31	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
SVOCs	4-Nitrophenol	100-02-7	mg/kg	31	0	0	ND	--	No BKG	5.12E+00	R4 Mammal	no	NA	NA	Not detected	Not detected	no
SVOCs	n-Nitrosodiphenylamine	86-30-6	mg/kg	31	0	0	ND	--	No BKG	5.45E-01	R4 Mammal	no	NA	NA	Not detected	Not detected	no
SVOCs	Octachlorostyrene	29082-74-4	mg/kg	34	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
SVOCs	Pentachlorobenzene	608-93-5	mg/kg	30	0	0	ND	--	No BKG	5.00E-01	R4 Mammal	no	NA	NA	Not detected	Not detected	no
SVOCs	Pentachlorophenol	87-86-5	mg/kg	31	0	0	ND	--	No BKG	2.10E+00	Eco-SSL Avian	no	NA	NA	Not detected	Not detected	no
SVOCs	Phenol	108-95-2	mg/kg	31	0	0	ND	--	No BKG	7.90E-01	R4 Plants	no	NA	NA	Not detected	Not detected	no
SVOCs	Phthalic acid	88-99-3	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
SVOCs	n-Nitroso-di-n-propylamine	621-64-7	mg/kg	31	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
SVOCs	Pyridine	110-86-1	mg/kg	34	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
SVOCs	1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg	30	0	0	ND	--	No BKG	1.80E-01	R4 Inverts	no	NA	NA	Not detected	Not detected	no
SVOCs	2,4,5-Trichlorophenol	95-95-4	mg/kg	31	0	0	ND	--	No BKG	4.00E+00	R4 Plants	no	NA	NA	Not detected	Not detected	no
SVOCs	2,4,6-Trichlorophenol	88-06-2	mg/kg	31	0	0	ND	--	No BKG	9.94E+00	R4 Mammal	no	NA	NA	Not detected	Not detected	no
VOCs	Acetone	67-64-1	mg/kg	35	7	20	5.60E-01	PC-70_06/23/1999	No BKG	1.20E+00	R4 Inverts	Yes	No	Yes	0.5	Maximum concentration is less than ESV	no
VOCs	Acetonitrile	75-05-8	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Acetophenone	98-86-2	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	t-Amyl methyl ether	994-05-8	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Azobenzene	103-33-3	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Benzene	71-43-2	mg/kg	35	0	0	ND	--	No BKG	1.20E-01	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	Bromobenzene	108-86-1	mg/kg	34	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Bromochloromethane	74-97-5	mg/kg	34	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Bromodichloromethane	75-27-4	mg/kg	35	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Bromoform	75-25-2	mg/kg	35	0	0	ND	--	No BKG	7.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	Bromomethane	74-83-9	mg/kg	35	0	0	ND	--	No BKG	2.00E-03	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	2-Butanone	78-93-3	mg/kg	35	0	0	ND	--	No BKG	1.00E+00	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	n-Butylbenzene	104-51-8	mg/kg	34	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	sec-Butylbenzene	135-98-8	mg/kg	34	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Carbon disulfide	75-15-0	mg/kg	31	0	0	ND	--	No BKG	5.00E-03	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	Carbon tetrachloride	56-23-5	mg/kg	35	0	0	ND	--	No BKG	5.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	Chlorinated fluorocarbon (Freon 113)	76-13-1	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Chlorobenzene	108-90-7	mg/kg	35	0	0	ND	--	No BKG	2.40E+00	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	Chloroethane	75-00-3	mg/kg	35	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Chloroform	67-66-3	mg/kg	35	0	0	ND	--	No BKG	5.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	Chloromethane	74-87-3	mg/kg	35	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	1,2-Dibromo-3-chloropropane	96-12-8	mg/kg	34	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	2-Chlorotoluene	95-49-8	mg/kg	34	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	4-Chlorotoluene	106-43-4	mg/kg	34	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Cumene	98-82-8	mg/kg	34	0	0	ND	--	No BKG	4.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	p-Cymene	99-87-6	mg/kg	34	0	0	ND	--	No BKG	1.80E-01	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	Dibromochloromethane	124-48-1	mg/kg	35	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	1,2-Dibromoethane	106-93-4	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Dibromomethane	74-95-3	mg/kg	34	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	1,2-Dichlorobenzene	95-50-1	mg/kg	35	0	0	ND	--	No BKG	9.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	1,3-Dichlorobenzene	541-73-1	mg/kg	35	0	0	ND	--	No BKG	8.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	1,4-Dichlorobenzene	106-46-7	mg/kg	35	0	0	ND	--	No BKG	8.90E-01	R4 Mammal	no	NA	NA	Not detected	Not detected	no

TABLE 2-5a. Data Summary Statistics and Hazard Quotients in Shallow Soil in the OU-2 SLERA Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Analyte Group	Analyte	CASRN	Units	# Samples	# Detects	% Detects	Detects		Fail Statistical Testing for Background Consistency? (a)	SLERA Criterion	Source	Is this Constituent Detected?	Is maximum detection > criterion?	Is the FOD >5%?	Max HQ	Reason for Exclusion	Retain for further analysis (Y/N)?
							Max	Max Location									
VOCs	Dichlorodifluoromethane	75-71-8	mg/kg	34	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	1,1-Dichloroethane	75-34-3	mg/kg	35	0	0	ND	--	No BKG	1.40E-01	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	1,2-Dichloroethane	107-06-2	mg/kg	35	0	0	ND	--	No BKG	4.00E-01	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	1,1-Dichloroethene	75-35-4	mg/kg	35	0	0	ND	--	No BKG	4.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	cis-1,2-Dichloroethene	156-59-2	mg/kg	35	0	0	ND	--	No BKG	4.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	trans-1,2-Dichloroethene	156-60-5	mg/kg	35	0	0	ND	--	No BKG	4.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	1,2-Dichloroethylene	540-59-0	mg/kg	30	0	0	ND	--	No BKG	4.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	1,2-Dichloropropane	78-87-5	mg/kg	35	0	0	ND	--	No BKG	2.80E-01	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	1,3-Dichloropropane	142-28-9	mg/kg	34	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	2,2-Dichloropropane	594-20-7	mg/kg	34	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	1,1-Dichloropropene	563-58-6	mg/kg	34	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	cis-1,3-Dichloropropene	10061-01-5	mg/kg	35	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	trans-1,3-Dichloropropene	10061-02-6	mg/kg	35	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Diisopropyl ether	108-20-3	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	2,2-Dimethylpentane	590-35-2	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	2,3-Dimethylpentane	565-59-3	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	2,4-Dimethylpentane	108-08-7	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	3,3-Dimethylpentane	562-49-2	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	1,2-Diphenylhydrazine	122-66-7	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Ethanol	64-17-5	mg/kg	32	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Ethyl benzene	100-41-4	mg/kg	35	2	6	2.40E-04	TSB-AR-3-0	No BKG	2.70E-01	R4 Inverts	Yes	No	Yes	0.0009	Maximum concentration is less than ESV	no
VOCs	Ethyl tert-butyl ether	637-92-3	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Ethylene glycol	107-21-1	mg/kg	2	0	0	ND	--	No BKG	3.10E-01	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	3-Ethylpentane	617-78-7	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	n-Heptane	142-82-5	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	2-Methyl-Hexane	591-76-4	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	2-Hexanone	591-78-6	mg/kg	35	0	0	ND	--	No BKG	3.60E-01	R4 Avian	no	NA	NA	Not detected	Not detected	no
VOCs	Methanol	67-56-1	mg/kg	2	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Methyl disulfide	624-92-0	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Methyl iodide	74-88-4	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Methyl tert-butyl ether	1634-04-4	mg/kg	34	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Methylene Chloride	75-09-2	mg/kg	35	0	0	ND	--	No BKG	2.10E-01	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	3-Methylhexane	589-34-4	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	2-Nitropropane	79-46-9	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	1-Nonanal	124-19-6	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	4-Methyl-2-pentanone	108-10-1	mg/kg	35	1	3	4.00E-03	PC-70_06/23/1999	No BKG	NC	--	Yes	NC	no	No ESV	FOD<5%	no
VOCs	Phenyl Sulfide	139-66-2	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	n-Propylbenzene	103-65-1	mg/kg	34	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Styrene	100-42-5	mg/kg	35	0	0	ND	--	No BKG	1.20E+00	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	tert Butyl alcohol	75-65-0	mg/kg	4	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	tert-Butylbenzene	98-06-6	mg/kg	34	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	34	0	0	ND	--	No BKG	7.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	35	0	0	ND	--	No BKG	1.27E-01	R4 Mammal	no	NA	NA	Not detected	Not detected	no
VOCs	Tetrachloroethene	127-18-4	mg/kg	35	0	0	ND	--	No BKG	6.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	Toluene	108-88-3	mg/kg	35	6	17	4.60E-04	TSB-AR-04-0	No BKG	1.50E-01	R4 Inverts	Yes	No	Yes	0.003	Maximum concentration is less than ESV	no
VOCs	1,2,3-Trichlorobenzene	87-61-6	mg/kg	34	0	0	ND	--	No BKG	2.00E+01	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	1,2,4-Trichlorobenzene	120-82-1	mg/kg	35	0	0	ND	--	No BKG	2.70E-01	R4 Mammal	no	NA	NA	Not detected	Not detected	no
VOCs	1,3,5-Trichlorobenzene	108-70-3	mg/kg	30	0	0	ND	--	No BKG	7.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	1,1,1-Trichloroethane	71-55-6	mg/kg	35	0	0	ND	--	No BKG	4.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	1,1,2-Trichloroethane	79-00-5	mg/kg	35	0	0	ND	--	No BKG	3.20E-01	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	Trichloroethene	79-01-6	mg/kg	35	0	0	ND	--	No BKG	6.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	Trichlorofluoromethane	75-69-4	mg/kg	34	0	0	ND	--	No BKG	1.64E+01	R4 Mammal	no	NA	NA	Not detected	Not detected	no
VOCs	1,2,3-Trichloropropane	96-18-4	mg/kg	34	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	1,2,4-Trimethylbenzene	95-63-6	mg/kg	34	14	41	5.70E-04	TSB-AJ-02-0	No BKG	9.00E-02	R4 Inverts	Yes	No	Yes	0.006	Maximum concentration is less than ESV	no
VOCs	1,3,5-Trimethylbenzene	108-67-8	mg/kg	34	0	0	ND	--	No BKG	1.60E-01	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	2,2,3-Trimethylbutane	464-06-2	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Vinyl acetate	108-05-4	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Vinyl chloride	75-01-4	mg/kg	35	0	0	ND	--	No BKG	3.00E-02	R4 Inverts	no	NA	NA	Not detected	Not detected	no
VOCs	m,p-Xylene	136777-61-2	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	o-Xylene	95-47-6	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
VOCs	Xylenes (total)	1330-20-7	mg/kg	35	0	0	ND	--	No BKG	1.00E-01	R4 Inverts	no	NA	NA	Not detected	Not detected	no
PCBs	Aroclor-1016	12674-11-2	mg/kg	5	0	0	ND	--	No BKG	4.10E-02	R4 Avian	no	NA	NA	Not detected	Not detected	no
PCBs	Aroclor-1221	11104-28-2	mg/kg	5	0	0	ND	--	No BKG	4.10E-02	R4 Avian	no	NA	NA	Not detected	Not detected	no
PCBs	Aroclor-1232	11141-16-5	mg/kg	5	0	0	ND	--	No BKG	4.10E-02	R4 Avian	no	NA	NA	Not detected	Not detected	no
PCBs	Aroclor-1242	53469-21-9	mg/kg	5	0	0	ND	--	No BKG	4.10E-02	R4 Avian	no	NA	NA	Not detected	Not detected	no
PCBs	Aroclor-1248	12672-29-6	mg/kg	5	0	0	ND	--	No BKG	4.10E-02	R4 Avian	no	NA	NA	Not detected	Not detected	no
PCBs	Aroclor-1254	11097-69-1	mg/kg	5	0	0	ND	--	No BKG	4.10E-02	R4 Avian	no	NA	NA	Not detected	Not detected	no
PCBs	Aroclor-1260	11096-82-5	mg/kg	5	0	0	ND	--	No BKG	4.10E-02	R4 Avian	no	NA	NA	Not detected	Not detected	no
TPH	Oil Range Organics	TPH-MOTOR	mg/kg	39	3	8	1.50E+02	SA26-0.5	No BKG	NC	--	Yes	NC	Yes	No ESV	--	YES

**TABLE 2-5a. Data Summary Statistics and Hazard Quotients in Shallow Soil in the OU-2 SLERA Area
Nevada Environmental Response Trust Site
Henderson, Nevada**

Analyte Group	Analyte	CASRN	Units	# Samples	# Detects	% Detects	Detects		Fail Statistical Testing for Background Consistency? (a)	SLERA Criterion	Source	Is this Constituent Detected?	Is maximum detection > criterion?	Is the FOD >5%?	Max HQ	Reason for Exclusion	Retain for further analysis (Y/N)?
							Max	Max Location									
TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	mg/kg	34	1	3	5.10E+00	SA25-0.5	No BKG	NC	--	Yes	NC	no	No ESV	FOD<5%	no
TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	mg/kg	34	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
Organic Halides	Organic Halides (total)	TOH	mg/kg	1	1	100	1.80E+02	PC-70_06/23/1999	No BKG	NC	--	Yes	NC	Yes	No ESV	--	YES
Other	bis(p-Chlorophenyl) disulfide	1142-19-4	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
Other	4-Chlorothiobanisole	123-09-1	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
Other	p-chlorothiophenol	106-54-7	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
Other	2,2'-/4,4'-Dichlorobenzil	Dichlorobenzil	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
Other	Diphenyl sulfone	127-63-9	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
Other	Hydroxymethyl phthalimide	118-29-6	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
Other	Phenyl Disulfide	882-33-7	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
Other	bis(p-Chlorophenyl) sulfone	80-07-9	mg/kg	30	0	0	ND	--	No BKG	NC	--	no	NA	NA	Not detected	Not detected	no
RAD	Radium-226	Ra-226	pci/g	34	34	100	1.21E+00	SA25-0.5	No	1.50E+00	LANL Min NOAEL TRV	Yes	No	Yes	0.8	OU-2 data consistent with background	no
RAD	Radium-228	Ra-228	pci/g	34	34	100	2.13E+00	TSB-BR-06-0	No	1.20E+00	LANL Min NOAEL TRV	Yes	Yes	Yes	2	OU-2 data consistent with background	no
RAD	Thorium-228	Th-228	pci/g	31	30	97	2.17E+00	TSB-BR-06-0	No	4.30E+01	LANL Min NOAEL TRV	Yes	No	Yes	0.05	OU-2 data consistent with background	no
RAD	Thorium-230	Th-230	pci/g	31	31	100	1.44E+00	TSB-AR-01-0	No	5.20E+01	LANL Min NOAEL TRV	Yes	No	Yes	0.03	OU-2 data consistent with background	no
RAD	Thorium-232	Th-232	pci/g	31	30	97	2.36E+00	TSB-BR-04-0	No	6.20E+00	LANL Min NOAEL TRV	Yes	No	Yes	0.4	OU-2 data consistent with background	no
RAD	Uranium-234	U-234	pci/g	31	31	100	7.88E-01	TSB-AR-01-0(FD)	No	4.40E+02	LANL Min NOAEL TRV	Yes	No	Yes	0.002	OU-2 data consistent with background	no
RAD	Uranium-235	U-235	pci/g	31	8	26	2.17E-02	TSB-AR-01-0(FD)	No	4.40E+02	LANL Min NOAEL TRV	Yes	No	Yes	0.00005	OU-2 data consistent with background	no
RAD	Uranium-238	U-238	pci/g	31	31	100	4.70E-01	TSB-AR-01-0(FD)	No	4.00E+02	LANL Min NOAEL TRV	Yes	No	Yes	0.001	OU-2 data consistent with background	no

Notes:

- (a) Background screening only applicable to metals and radionuclides (NDEP 2009c). Fluoride, Nitrate, Nitrite and Sulfate have background data, but site data is not compared to background and are marked as NA. Constituents marked as having a low detect frequency (LDF) in either the site or background datasets were visually evaluated using Q-Q plots and boxplots. See Appendix C5 for details of background screening.
- (b) The calculated DDx sum is the sum of 5 DDT metabolites (2,4'-DDE, 2,4'-DDD, 4,4'-DDE, 4,4'-DDD, and 4,4'-DDT) for all locations except for 5 locations (PC-70 and SA24-27) where it is the sum of 4,4'-DDE, 4,4'-DDD, and 4,4'-DDT.
- (c) The maximum detected concentrations are presented for PAH summations. At the time of analysis, PQLs were only available for VOCs and SVOC data ENSR (2007). This resulted in samples with all non-detected PAHs having the overall maximums when substituting 1/2 the PQL.

= Number
 % = Percent
 2,4,5-T = 2,4,5-Trichlorophenoxyacetic acid
 2,4,5-TP = Fenoprop
 2,4-D = 2,4-Dichlorophenoxyacetic acid
 2,4-DB = 4-(2,4-Dichlorophenoxy)butanoic acid
 AVG = Average
 BHC = Hexachlorocyclohexane
 BKG = Background
 CASRN = Chemical Abstract Service Registration Number
 Conc. = Concentration
 DDD = Dichlorodiphenyldichloroethane
 DDE = Dichlorodiphenyldichloroethylene
 DDT = Dichlorodiphenyltrichloroethane
 DDx = Sum of all DDT, DDE, and DDD
 DL = Detection limit
 Eco-SSL = Ecological soil screening level (USEPA 2007)
 EPN = O-Ethyl O-(4-nitrophenyl) phenylphosphonothioate
 ESV = Ecological screening level
 FOD = Frequency of detection
 HMW = High molecular weight
 HQ = Hazard quotient
 Inverts = Invertebrates
 LANL = Los Alamos National Laboratory (LANL 2018)
 LDF = Low detection frequency
 LMW = Low molecular weight
 Max = Maximum
 mg/kg = Milligram per kilogram
 Min = Minimum
 N = Nitrogen
 NA = Not applicable
 NC = No criterion
 ND = Not detected

NOAEL = No observe adverse effect level
 OCPs = Organochlorine pesticides
 OPPs = Organophosphate pesticides
 ORNL = Oak Ridge National Laboratory (Efroymsen et al. 1997)
 OU-2 = Operable Unit 2
 P = Phosphorous
 PAHs = Polycyclic aromatic hydrocarbons
 PCBs = Polychlorinated biphenyls
 pci/g = Picocuries per gram
 R4 = USEPA R4 (USEPA R4 2018)
 R6 = USEPA R6 (USEPA R6 1999)
 RAD = Radionuclide compounds
 SLERA = Screening level ecological risk assessment
 SVOCs = Semivolatile organic compounds
 TEQ = Toxic equivalency quotient
 TPH = Total petroleum hydrocarbons
 TRV = Toxicity reference value
 USEPA = United States Environmental Protection Agency
 VOCs = Volatile organic compounds
 Y/N = Yes or no

0.1	HQ<1
1	HQ = 1
5	1 < HQ < 10
50	10 < HQ ≤ 100
500	100 < HQ

References:

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

Los Alamos National Laboratory. 2018. ECORISK Database (Release 4.1). <http://www.lanl.gov/> (Accessed: 4/11/2018).

NDEP. 2009c. Significance Levels for the Gilbert Toolbox of Background Comparison Tests, BMI Plant Sites and Common Areas Projects, Henderson, Nevada. July. (Prepared for NDEP by Neptune and Company).

USEPA. 2007. Ecological Soil Screening Level (Eco-SSL) Guidance and Documents. <https://www.epa.gov/risk/ecological-soil-screening-level-eco-ssl-guidance-and-documents>.

USEPA Region 4. 2018. Regional Ecological Risk Assessment (ERA) Supplemental Guidance. <https://www.epa.gov/risk/regional-ecological-risk-assessment-era-supplemental-guidance> (Accessed April 16, 2018).

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

TABLE 2-5b. Summary of Background Evaluation Results for Metals
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	Location	Distribution	t-test	t-test (logged data)	Gehan Test	Quantile Test (0.8)	Slippage Test	Fail Statistical Testing for Background Consistency?
			(p-value)	(p-value)	(p-value)	(p-value)	(p-value)	
Aluminum	OU-2	NP	1	0.9	0.7	1	1	No
Antimony	OU-2	NP	1	1	1	0.9	1	No
Arsenic	OU-2	LN	1	1	1	1	1	No
Barium	OU-2	LN	0.03	0.001	0.01	0.6	1	Yes
Beryllium	OU-2	N	1	1	1	1	1	No
Boron	OU-2	NP	1	1	1	1	1	LDF
Cadmium	OU-2	NP	NA	NA	NA	NA	<0.001	LDF
Calcium	OU-2	NP	1	0.9	0.7	1	1	No
Chromium (total)	OU-2	N	<0.001	<0.001	0.002	0.1	1	Yes
Chromium VI	OU-2	NP	NA	NA	NA	NA	<0.001	LDF
Cobalt	OU-2	N	1	1	1	1	1	No
Copper	OU-2	NP	1	1	1	1	0.3	No
Iron	OU-2	N	0.6	0.3	0.7	1	1	No
Lead	OU-2	NP	0.02	<0.001	<0.001	<0.001	0.07	Yes
Lithium	OU-2	NP	0.9	0.9	0.4	1	1	No
Magnesium	OU-2	N	1	1	1	1	1	No
Manganese	OU-2	LN	0.9	0.8	0.9	1	1	No
Mercury	OU-2	NP	1	1	1	1	1	No
Molybdenum	OU-2	NP	1	1	1	1	1	No
Nickel	OU-2	LN	1	1	1	1	1	No
Niobium	OU-2	NP	0.03	0.001	0.01	1	1	LDF
Palladium	OU-2	LN	1	1	0.9	1	1	No
Phosphorus (total)	OU-2	N, LN	1	1	1	1	1	No
Platinum	OU-2	NP	1	1	0.9	1	1	LDF
Potassium	OU-2	LN	<0.001	<0.001	<0.001	<0.001	0.004	Yes
Selenium	OU-2	NP	0.9	0.08	1	1	1	LDF
Silicon	OU-2	NP	1	1	1	1	1	No
Silver	OU-2	NP	NA	NA	NA	NA	0.3	LDF
Sodium	OU-2	NP	0.2	0.09	0.4	0.9	0.07	No
Strontium	OU-2	LN	1	1	1	1	1	No

TABLE 2-5b. Summary of Background Evaluation Results for Metals
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	Location	Distribution	t-test	t-test (logged data)	Gehan Test	Quantile Test (0.8)	Slippage Test	Fail Statistical Testing for Background Consistency?
			(p-value)	(p-value)	(p-value)	(p-value)	(p-value)	
Thallium	OU-2	NP	1	1	1	1	1	LDF
Tin	OU-2	NP	0.08	0.7	0.02	0.4	0.02	Yes
Titanium	OU-2	N	0.002	0.001	<0.001	0.008	1	Yes
Tungsten	OU-2	NP	1	1	0.2	0.06	1	LDF
Uranium (total)	OU-2	NP	1	1	1	1	1	No
Vanadium	OU-2	N, LN	1	1	1	1	1	No
Zinc	OU-2	NP	0.2	0.3	0.9	0.9	0.07	No
Zirconium	OU-2	NP	1	1	1	1	1	No

Notes:

LDF = Low detection frequency (<25%) in either site or background datasets. Background comparison results may not be applicable.

NA = value not available

p-values in italics indicate $p < 0.025$

Background comparison tests use 1/2 the detection limit (DL) for non-detects in the parametric test (t-test) and the DL for non-parametric tests (Gehan test, quantile test, and slippage test).

BRC/TIMET regional background dataset is used as background.

For small sample size (≤ 100), final background determination is based on both parametric and non-parametric testing results.

Distribution:

N = OU-2 SLERA Area data and background data consistent with normal distribution

LN = OU-2 SLERA Area data and background data consistent with log-normal distribution

NP = OU-2 SLERA Area data or background data is not consistent with both normal distribution and log-normal distribution.

**TABLE 2-5c. Summary of Background Evaluation Results for Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada**

Chain	Chemical Name	Location	Distribution	t-test	t-test (logged data)	Gehan Test	Quantile Test (0.8)	Slippage Test	Fail Statistical Testing for Background Consistency?
				(p-value)	(p-value)	(p-value)	(p-value)	(p-value)	
Uranium-238	Uranium-238	OU-2	NP	1	1	1	1	1	No
	Uranium-234	OU-2	NP	1	1	1	1	1	No
	Thorium-230	OU-2	NP	1	1	1	1	1	No
	Radium-226	OU-2	LN	1	1	1	1	1	No
Thorium-232	Thorium-232	OU-2	NP	1	0.9	1	1	0.2	No
	Thorium-228	OU-2	NP	1	0.9	1	0.9	1	No
	Radium-228	OU-2	N, LN	0.9	0.7	0.9	1	1	No
Uranium-235	Uranium-235	OU-2	NP	1	1	1	1	1	No

Notes:

NA = value not available

p-values in italics indicate $p < 0.025$

Background comparison tests use 1/2 the detection limit (DL) for non-detects in the parametric test (t-test) and the DL for non-parametric tests (Gehan test, quantile test, and slippage test).

BRC/TIMET regional background dataset is used as background.

For small sample size (≤ 100), final background determination is based on both parametric and non-parametric testing results.

Distribution:

N = OU-2 SLERA Area data and background data consistent with normal distribution

LN = OU-2 SLERA Area data and background data consistent with log-normal distribution

NP = OU-2 SLERA Area data or background data is not consistent with both normal distribution and log-normal distribution.

**TABLE 2-5d. Summary of Constituents Retained for Further Analysis
Nevada Environmental Response Trust Site
Henderson, Nevada**

Analyte Group	Analyte	CASRN	Max HQ
OCPs	Calculated DDx (ND=0.5DL) (b)	REH DDx	1
General Chemistry	Bromine	7726-95-6	2
Metals	Cadmium	7440-43-9	2
Metals	Lead	7439-92-1	10
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	TEQ-A(0.5L)	30
SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	50
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	TEQ-M(0.5L)	70
General Chemistry	Perchlorate	14797-73-0	200
OCPs	beta-BHC	319-85-7	200
General Chemistry	Bromide	24959-67-9	No ESV
General Chemistry	Chlorate	14866-68-3	No ESV
General Chemistry	Chloric acid	7790-93-4	No ESV
General Chemistry	Chlorine	7782-50-5	No ESV
General Chemistry	Nitrate (as N)	14797-55-8_N	No ESV
General Chemistry	Nitrite (as N)	14797-65-0	No ESV
General Chemistry	ortho-Phosphate	11-36-9	No ESV
General Chemistry	Sulfate	14808-79-8	No ESV
Metals	Sulfur	7704-34-9	No ESV
OCPs	2,4-DB	94-82-6	No ESV
OCPs	Dicamba	1918-00-9	No ESV
OCPs	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	94-74-6	No ESV
TPH	Oil Range Organics	TPH-MOTOR	No ESV
Organic Halides	Organic Halides (total)	TOH	No ESV

Notes:

BHC = Hexachlorocyclohexane
CASRN = Chemical Abstract Service Registration Number
DDE = Dichlorodipenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
HQ = Hazard quotient
Max = Maximum
ND = Not detected
OCPs = Organochlorine pesticides
TPH = Total petroleum hydrocarbons

While the maximum HQ for DDx = 1 which eliminates it from further evaluation in the OU-2 SLERA, this constituent group (sum of DDT + metabolites) was retained in the food web model as an additional confirmation that DDx does not pose a risk to terrestrial wildlife. Alpha-BHC, a bioaccumulative organochlorine pesticide, also had a maximum HQ = 1 but because beta-BHC is already included in the food web model, beta-BHC can serve as a surrogate for alpha-BHC.

**TABLE 3-1. Ecological Screening Values for the Protection of Plants and Invertebrates
Nevada Environmental Response Trust Site
Henderson, Nevada**

All data in mg/kg

Chem Group	Chemical Name	Plant-Specific BERA ESV	Source	Invertebrate-Specific BERA ESV	Source
General Chemistry	Bromide	NC	NC	NC	NC
General Chemistry	Bromine	10	R4 Plant	NC	No Invert ESV
General Chemistry	Chlorate	NC	NC	NC	NC
General Chemistry	Chloric Acid	NC	NC	NC	NC
General Chemistry	Chlorine	NC	NC	NC	NC
General Chemistry	Nitrate (as N)	NC	NC	NC	NC
General Chemistry	Nitrite (as N)	NC	NC	NC	NC
General Chemistry	Perchlorate	40	LANL Plant NOAEL	3.5	LANL Invert NOAEL
General Chemistry	ortho-Phosphate	NC	NC	NC	NC
General Chemistry	Sulfate	NC	NC	NC	NC
Metals	Cadmium	32	Eco-SSL Plant	140	Eco-SSL Inverts
Metals	Lead	120	Eco-SSL Plant	1700	Eco-SSL Inverts
Metals	Sulfur	NC	NC	NC	NC
OCPs	beta-BHC	NC	No Plant ESV	0.0003	R4 Inverts
OCPs	2,4-DB	NC	NC	NC	NC
OCPs	Calculated DDx (ND=0.5DL) (c)	4.1	LANL Plant NOAEL	0.15	Eco-SSL ESV
OCPs	Dicamba	NC	NC	NC	NC
OCPs	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	NC	NC	NC	NC
SVOCs	bis(2-Ethylhexyl)phthalate	NC	No Plant ESV	8.4	R4 Inverts
TPH	Oil Range Organics	NC	NC	NC	NC
Organic Halides	Organic Halides (total)	NC	NC	NC	NC

Notes:

(a) All ESVs are in milligrams per kilogram (mg/kg).

(b) Hierarchy of surface soil ecological screening values are as follows (in order of preference): Eco-SSL; USEPA R4; USEPA R6; and ORNL.

(c) Invertebrate ESV from USEPA 2007 DDx Eco-SSL, geomean of 5 studies from Table 4.1 with organic matter from 0 to 2% and bioavailability score of 1, divided by a factor of 10 to reflect an acute to chronic value.

% = Percent

mg/kg = Milligram per kilogram.

2,4-DB = 4-(2,4-Dichlorophenoxy)butanoic acid

N = Nitrogen

BERA = Baseline ecological risk assessment

NC = No criterion

BHC = Hexachlorocyclohexane

NOAEL = No observed adverse effect level

DDE = Dichlorodiphenyldichloroethylene

OCPs = Organochlorine pesticides

DDT = Dichlorodiphenyltrichloroethane

ORNL = Oak Ridge National Laboratory

DDx = Sum of all DDT isomers and metabolites

R4 = USEPA Region 4

Eco-SSL = Ecological Soil Screening Level

R6 = USEPA Region 6

ESV = Ecological screening level

SVOCs = Semivolatile organic compounds

Inverts = Invertebrates

TPH = Total petroleum hydrocarbons

LANL = Los Alamos National Laboratory

USEPA = United States Environmental Protection Agency

References:

Eco-SSL ESVs: USEPA. 2007. Ecological Soil Screening Level (Eco-SSL) Guidance and Documents. <https://www.epa.gov/risk/ecological-soil-screening-level-eco-ssl-guidance-and-documents>.

LANL ESVs: Los Alamos National Laboratory. 2017. EcoRisk Database Release 4.1. <https://www.lanl.gov/> (Last Updated: September 2017)

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

USEPA R4 ESVs: USEPA Region 4. Regional Ecological Risk Assessment (ERA) Supplemental Guidance. <https://www.epa.gov/risk/regional-ecological-risk-assessment-era-supplemental-guidance> (Accessed April 16, 2018).

USEPA R6 ESVs: USEPA Region 6. 1999. Screening Level Ecological Risk Assessment Protocol for Hazardous Waste Combustion Facilities (EPA530-D-99-001A). August.

**TABLE 3-2. Exposure Point Concentrations for Use in the OU-2 SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada**

All concentrations in mg/kg.

Chemical Group	Chemical Name	CASRN	OU-2			Background	
			AVG (ND=0.5DL)	95% UCL (a)	MAX	95% UCL	MAX
General Chemistry	Bromide	24959-67-9	1.01E+00	1.78E+00	7.60E+00	--	--
General Chemistry	Bromine	7726-95-6	3.98E+00	5.16E+00	1.52E+01	--	--
General Chemistry	Chlorate	14866-68-3	3.13E+00	6.30E+00	6.30E+00	--	--
General Chemistry	Chloric acid	7790-93-4	9.48E-01	1.32E+00	4.60E+00	--	--
General Chemistry	Chlorine	7782-50-5	5.05E+02	9.14E+02	4.41E+03	--	--
General Chemistry	Nitrate (as N)	14797-55-8_N	1.20E+01	3.21E+01	2.29E+02	1.23E+01	1.02E+02
General Chemistry	Nitrite (as N)	14797-65-0	2.67E-01	6.28E-01	4.20E+00	4.29E-02	2.10E-01
General Chemistry	Perchlorate	14797-73-0	2.56E+00	4.35E+00	2.18E+01	--	--
General Chemistry	ortho-Phosphate	11-36-9	9.04E-01	1.02E+00	2.00E+00	--	--
General Chemistry	Sulfate	14808-79-8	1.55E+02	2.73E+02	1.45E+03	3.44E+02	4.13E+03
Metals	Cadmium	7440-43-9	1.65E-01	2.12E-01	5.90E-01	6.46E-02	6.46E-02
Metals	Lead	7439-92-1	1.76E+01	2.89E+01	1.36E+02	9.24E+00	3.51E+01
Metals	Sulfur	7704-34-9	2.92E+02	4.07E+02	1.21E+03	--	--
Dioxins/Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	TEQ-M(0.5L)	3.54E-05	5.95E-05	2.17E-04	--	--
Dioxins/Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	TEQ-A(0.5L)	7.95E-05	1.22E-04	4.57E-04	--	--
OCPs	beta-BHC	319-85-7	6.74E-03	1.12E-02	5.90E-02	--	--
OCPs	2,4-DB	94-82-6	6.00E-02	NA	6.00E-02	--	--
OCPs	Calculated DDx (ND=0.5DL) (b)	REH DDx	4.62E-03	7.20E-03	2.84E-02	--	--
OCPs	Dicamba	1918-00-9	2.00E-03	NA	2.00E-03	--	--
OCPs	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	94-74-6	1.20E+03	NA	1.20E+03	--	--
SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	6.67E-02	1.50E-01	1.00E+00	--	--
TPH	Oil Range Organics	TPH-MOTOR	8.71E+01	9.36E+01	1.50E+02	--	--
Organic Halides	Organic Halides (total)	TOH	1.80E+02	NA	1.80E+02	--	--

Notes:

% = Percent

2,4-DB = 4-(2,4-dichlorophenoxy)butyric acid

95% UCL = 95% upper confidence level of the mean

AVG = Average

BERA = Baseline ecological risk assessment

BHC = Hexachlorocyclohexane

BKG = Background

CASRN = Chemical Abstract Service Registration Number

DDD = Dichlorodiphenyldichloroethane

DDE = Dichlorodiphenyldichloroethylene

DDT = Dichlorodiphenyltrichloroethane

DDx = Sum of all DDT metabolites

DL = Detection limit

MAX = Maximum

mg/kg = milligram(s) per kilogram

NA = Not applicable

OCPs = Organochlorine pesticides

OU-2 = Operable Unit 2

SVOCs = Semivolatile organic compounds

TEQ = Toxic equivalency quotient

TPH = Total petroleum hydrocarbons

UCL = Upper confidence limit

(a) Calculation of 95% UCLs not possible for 2,4-DB, Dicamba, MCPA and Organic Halides (total) due to limited sample size (n=1). The 95% UCL for chlorate was set to the maximum detection as the UCL was greater than the maximum.

(b) The calculated DDx sum is the sum of 5 DDT metabolites (2,4-DDE; 2,4-DDD; 4,4-DDE; 4,4-DDD; and 4,4-DDT) for all locations except for 5 locations (PC-70 and SA24-27) where it is the sum of 4,4-DDE, 4,4-DDD, and 4,4-DDT.

**TABLE 3-3. Potential Risks to Terrestrial Plants from Soil
Nevada Environmental Response Trust Site
Henderson, Nevada**

Chemical Group	Chemical Name	Terrestrial Plants Screening Value	Source	OU-2						Background		Next Step
				EPC			Potential Risks to Terrestrial Plants			BKG EPC	Potential Risks to Terrestrial Plants	
				AVG	95% UCL	MAX	AVG	95% UCL	MAX	95% UCL	95% UCL	
				mg/kg	mg/kg	mg/kg	HQ	HQ	HQ	mg/kg	HQ	
General Chemistry	Bromide	NC	NC	1.01E+00	1.78E+00	7.60E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Bromine	1.00E+01	R4 Plant	3.98E+00	5.16E+00	1.52E+01	0.4	0.5	2	--	No BKG	No further screening needed
General Chemistry	Chlorate	NC	NC	3.13E+00	6.30E+00	6.30E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Chloric acid	NC	NC	9.48E-01	1.32E+00	4.60E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Chlorine	NC	NC	5.05E+02	9.14E+02	4.41E+03	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrate (as N)	NC	NC	1.20E+01	3.21E+01	2.29E+02	No ESV	No ESV	No ESV	1.23E+01	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrite (as N)	NC	NC	2.67E-01	6.28E-01	4.20E+00	No ESV	No ESV	No ESV	4.29E-02	No ESV	No criteria, treated as an uncertainty
General Chemistry	Perchlorate	4.00E+01	LANL Plant NOAEL	2.56E+00	4.35E+00	2.18E+01	0.06	0.1	0.5	--	No BKG	No further screening needed
General Chemistry	ortho-Phosphate	NC	NC	9.04E-01	1.02E+00	2.00E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Sulfate	NC	NC	1.55E+02	2.73E+02	1.45E+03	No ESV	No ESV	No ESV	3.44E+02	No ESV	No criteria, treated as an uncertainty
Metals	Cadmium	3.20E+01	Eco-SSL Plant	1.65E-01	2.12E-01	5.90E-01	0.005	0.007	0.02	6.46E-02	0.002	No further screening needed
Metals	Lead	1.20E+02	Eco-SSL Plant	1.76E+01	2.89E+01	1.36E+02	0.1	0.2	1	9.24E+00	0.08	No further screening needed
Metals	Sulfur	NC	NC	2.92E+02	4.07E+02	1.21E+03	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
OCPs	beta-BHC	NC	No Plant ESV	6.74E-03	1.12E-02	5.90E-02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
OCPs	2,4-DB	NC	NC	6.00E-02	NA	6.00E-02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
OCPs	Calculated DDx (ND=0.5DL)	4.10E+00	LANL Plant NOAEL	4.62E-03	7.20E-03	2.84E-02	0.001	0.002	0.007	--	No BKG	No further screening needed
OCPs	Dicamba	NC	NC	2.00E-03	NA	2.00E-03	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
OCPs	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	NC	NC	1.20E+03	NA	1.20E+03	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
SVOCs	bis(2-Ethylhexyl)phthalate	NC	No Plant ESV	6.67E-02	1.50E-01	1.00E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
TPH	Oil Range Organics	NC	NC	8.71E+01	9.36E+01	1.50E+02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
Organic Halides	Organic Halides (total)	NC	NC	1.80E+02	NA	1.80E+02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty

Notes:

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10

% = Percent

2,4-DB = 4-(2,4-Dichlorophenoxy)butanoic acid

AVG = Average (with non-detects treated as one-half the detection limit)

BHC = Hexachlorocyclohexane

BKG = Background

DDE = Dichlorodiphenyldichloroethylene

DDT = Dichlorodiphenyltrichloroethane

DDx = Sum of all DDT metabolites

DL = Detection limit

Eco-SSL = Ecological soil screening level

EPC = Exposure point concentration

ESV = Ecological screening value

HQ = Hazard quotient

LANL = Los Alamos National Laboratory

MAX = Maximum

mg/kg = Milligram per kilogram

N = Nitrogen

NA = Not applicable

NC = No criterion

ND = Nondetects

NOAEL = No observed adverse effect level

OCP = Organochlorine pesticides

OU-2 = Operable Unit 2

R4 = USEPA Region 4

SVOC = Semivolatile organic compounds

TPH = Total petroleum hydrocarbons

UCL = Upper confidence limit

USEPA = United States Environmental Protection Agency

References:

Eco-SSL ESVs: USEPA. 2007. Ecological Soil Screening Level (Eco-SSL) Guidance and Documents. <https://www.epa.gov/risk/ecological-soil-screening-level-eco-ssl-guidance-and-documents>.

LANL ESVs: Los Alamos National Laboratory. 2017. EcoRisk Database Release 4.1. <https://www.lanl.gov/> (Last Updated: September 2017).

USEPA R4 ESVs: USEPA Region 4. Regional Ecological Risk Assessment (ERA) Supplemental Guidance. <https://www.epa.gov/risk/regional-ecological-risk-assessment-era-supplemental-guidance> (Accessed April 16, 2018).

TABLE 3-4. Potential Risks to Terrestrial Invertebrates from Soil
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Terrestrial Invertebrates Screening Value	Source	OU-2						Background		Next Step
				EPC			Potential Risks to Terrestrial Invertebrates			BKG EPC	Potential Risks to Terrestrial Invertebrates	
				AVG mg/kg	95% UCL mg/kg	MAX mg/kg	AVG HQ	95% UCL HQ	MAX HQ	95% UCL mg/kg	95% UCL HQ	
General Chemistry	Bromide	NC	NC	1.01E+00	1.78E+00	7.60E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Bromine	NC	No Invert ESV	3.98E+00	5.16E+00	1.52E+01	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Chlorate	NC	NC	3.13E+00	6.30E+00	6.30E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Chloric acid	NC	NC	9.48E-01	1.32E+00	4.60E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Chlorine	NC	NC	5.05E+02	9.14E+02	4.41E+03	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrate (as N)	NC	NC	1.20E+01	3.21E+01	2.29E+02	No ESV	No ESV	No ESV	1.23E+01	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrite (as N)	NC	NC	2.67E-01	6.28E-01	4.20E+00	No ESV	No ESV	No ESV	4.29E-02	No ESV	No criteria, treated as an uncertainty
General Chemistry	Perchlorate (1)	3.50E+00	LANL Invert NOAEL (ESV)	2.56E+00	4.35E+00	2.18E+01	0.7	1	6	--	No BKG	No further screening needed
		3.50E+01	LANL Invert LOAEL (RSV)	2.56E+00	4.35E+00	2.18E+01	0.07	0.1	0.6	--	No BKG	No further screening needed
General Chemistry	ortho-Phosphate	NC	NC	9.04E-01	1.02E+00	2.00E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Sulfate	NC	NC	1.55E+02	2.73E+02	1.45E+03	No ESV	No ESV	No ESV	3.44E+02	No ESV	No criteria, treated as an uncertainty
Metals	Cadmium	1.40E+02	Eco-SSL Inverts	1.65E-01	2.12E-01	5.90E-01	0.001	0.002	0.004	6.46E-02	0.0005	No further screening needed
Metals	Lead	1.70E+03	Eco-SSL Inverts	1.76E+01	2.89E+01	1.36E+02	0.01	0.02	0.08	9.24E+00	0.005	No further screening needed
Metals	Sulfur	NC	NC	2.92E+02	4.07E+02	1.21E+03	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
OCPs	beta-BHC (2)	3.00E-04	R4 Inverts (ESV)	6.74E-03	1.12E-02	5.90E-02	20	40	200	--	No BKG	Location-specific screening conducted
		5.60E+00	Novais et al. (2010) (RSV)	6.74E-03	1.12E-02	5.90E-02	0.001	0.002	0.01	--	No BKG	No further screening needed
OCPs	2,4-DB	NC	NC	6.00E-02	NA	6.00E-02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
OCPs	Calculated DDx (ND=0.5DL) (3)	1.50E-01	Eco-SSL (ESV)	4.62E-03	7.20E-03	2.84E-02	0.03	0.05	0.2	--	No BKG	No further screening needed
		1.50E+00	Eco-SSL (RSV)	4.62E-03	7.20E-03	2.84E-02	0.003	0.005	0.02	--	No BKG	No further screening needed
OCPs	Dicamba	NC	NC	2.00E-03	NA	2.00E-03	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
OCPs	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	NC	NC	1.20E+03	NA	1.20E+03	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
SVOCs	bis(2-Ethylhexyl)phthalate	8.40E+00	R4 Inverts	6.67E-02	1.50E-01	1.00E+00	0.008	0.02	0.1	--	No BKG	No further screening needed
TPH	Oil Range Organics	NC	NC	8.71E+01	9.36E+01	1.50E+02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
Organic Halides	Organic Halides (total)	NC	NC	1.80E+02	NA	1.80E+02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty

Notes:

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

2,4-DB = 4-(2,4-Dichlorophenoxy)butanoic acid
 % = Percent
 AVG = Average (with non-detects treated as one-half the detection limit)
 BHC = Hexachlorocyclohexane
 BKG = Background
 CASRN = Chemical Abstract Service Registry Number
 DDE = Dichlorodiphenyldichloroethylene
 DDT = Dichlorodiphenyltrichloroethane
 DDx = Sum of all DDT metabolites
 DL = Detection limit
 EC10 = Exposure concentration that affects 10% of population
 Eco-SSL = Ecological soil screening level
 EPC = Exposure point concentration
 ESV = Ecological screening value
 HQ = Hazard quotient
 Inverts = Invertebrates
 LANL = Los Alamos National Laboratory
 LOAEL = Lowest observed adverse effect level

MAX = Maximum
 LC50 = Lethal concentration for 50% of population
 mg/kg = Milligram per kilogram
 N = Nitrogen
 NA = Not applicable
 NC = No criterion
 ND = Nondetects
 NOAEL = No observed adverse effect level
 OCP = Organochlorine pesticides
 OU-2 = Operable Unit 2
 R4 = USEPA Region 4
 RSV = Refined screening value
 SVOC = Semivolatile organic compounds
 TPH = Total petroleum hydrocarbons
 TRV = Toxicity reference value
 UCL = Upper confidence limit
 UCL = Upper confidence limit
 USEPA = United States Environmental Protection Agency

- The LANL database contains both NOAEL and LOAEL TRVs, which are used for ESVs and RSVs, respectively. The NOAEL TRV provides an initial screening step to characterize risk to invertebrates with the LOAEL TRV providing a more realistic look at the risk to invertebrates. For perchlorate, soil concentrations were compared to both ESVs and RSVs.
- Novais et al. (2010) study shows a reproductive No Observed Effect Level (NOEL) of 18 mg/kg and a mortality NOEL of 5.6 mg/kg was reported for the potworm (soil invertebrate) after a 42-day exposure; the lower mortality endpoint is used as the RSV in this table to characterize risk to invertebrates due to beta-BHC.
- This ESV is from the Eco-SSL ESV (Eco-SSL 2007) and is the geometric mean of 5 studies from Table 4.1 with organic matter from 0 to 2% and bioavailability score of 1, divided by a factor of 10 to reflect an acute to chronic value. The RSV is also from this document and is the geometric mean of 5 studies from Table 4.1 with organic matter from 0 to 2% and bioavailability score of 1, reflecting the acute LC50 value.

References:

Eco-SSL ESVs and RSVs: USEPA. 2007. Ecological Soil Screening Level (Eco-SSL) Guidance and Documents. <https://www.epa.gov/risk/ecological-soil-screening-level-eco-ssl-guidance-and-documents>.
 LANL ESVs and RSVs: Los Alamos National Laboratory. 2017. EcoRisk Database Release 4.1. <https://www.lanl.gov/> (Last Updated: September 2017).
 Novais et al. 2010: Novais, S.C., A.M.V.M. Soares, and M.J.B. Amorim. 2010. Can Avoidance in Enchytraeus albidus be Used as a Screening Parameter for Pesticides Testing? Chemosphere 79(2): 233-237.
 USEPA R4 ESVs and RSVs: USEPA Region 4. Regional Ecological Risk Assessment (ERA) Supplemental Guidance. <https://www.epa.gov/risk/regional-ecological-risk-assessment-era-supplemental-guidance> (Accessed April 16, 2018).

**TABLE 3-5a. Summary of Wildlife Food Web Input Variables and Receptor Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada**

Guild	Name	Species	Water IR w (L/day)	Food IR f (kg ww/day)	Surface Soil IR ss (kg dw/day)	Terrestrial Dietary Makeup			BW (kg)	Range (ha)	ED (unitless)	AUF (unitless)	
						Plants / Surrogate (a) (%)	Inverts (%)	Mammals (%)				Species- Specific (≤1)	Conser- vative
Carnivore	Coopers Hawk	<i>Accipiter cooperii</i>	3.25E-02	6.77E-02	0.00E+00	0.0	0.0	1.0	4.10E-01	203	1	1	1
Carnivore	Kit Fox	<i>Vulpes macrotis</i>	0.00E+00	1.75E-01	1.47E-03	0.0	0.0	1.0	1.78E+00	1120	1	0.96	1
Carnivore	Western Burrowing Owl	<i>Athene cunicularia</i>	1.66E-02	4.34E-02	6.52E-04	0.0	0.75	0.25	1.51E-01	113	1	1	1
Insectivore	American Robin	<i>Turdus migratorius</i>	1.10E-02	9.76E-02	4.88E-04	0.50	0.50	0.0	8.10E-02	0.48	1	1	1
Insectivore	Desert Shrew	<i>Nitiosorex crawfordi</i>	6.88E-04	2.30E-03	8.98E-05	0.15	0.80	0.05	4.00E-03	0.30	1	1	1
Insectivore	Fringed Myotis	<i>Myotis thysanodes</i>	1.14E-03	4.65E-03	0.00E+00	0.2	0.8	0.0	7.00E-03	29700	1	0.036	1
Omnivore	Raccoon	<i>Procyon lotor</i>	4.68E-01	1.14E+00	2.67E-02	0.6	0.4	0.0	5.62E+00	630	1	1	1
Herbivore	Mourning Dove	<i>Zenaidura macroura</i>	1.32E-02	1.20E-02	2.79E-04	1.0	0.0	0.0	1.07E-01	6,265	1	0.17	1
Herbivore	Great Basin Pocket Mouse	<i>Perognathus parvus</i>	0.00E+00	4.04E-03	1.76E-04	0.9	0.1	0.0	2.30E-02	1.09	1	1	1

Notes:

% = Percent

AUF = Area use factor

BW = Body weight

ED = Exposure duration - percentage of the year the receptor spends in the area

ha = Hectares

Inverts = Invertebrates

IR f = Ingestion rate of food (wet weight)

IR sd = Ingestion rate of sediment (dry weight)

IR ss = Ingestion rate of surface soil (dry weight)

IR w = Ingestion rate of water

kg = Kilograms

kg dw/day = Kilograms dry weight per day

kg ww/day = Kilograms wet weight per day

L/day = Liters per day

OU-2 = Operable Unit 2

**OU-2 Size: 2,645 acres
1,070 hectares**

AUF (unitless) = site size(ha)/range (ha)

- (a) Plants used as a surrogate in the terrestrial dietary makeup for bats and desert shrew. Although both receptors eat primarily invertebrates, it is predominantly invertebrates such as crickets and beetles and not earthworms. As uptake equations into invertebrates is based on earthworms, the use of plants as a surrogate more realistically conveys the risk to these receptors.

TABLE 3-5b. Toxicity Reference Values for Mammals and Birds
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Mammal TRV (mg/kg-bw/day)				Avian TRV (mg/kg-bw/day)			
		NOAEL		LOAEL		NOAEL		LOAEL	
General Chemistry	Perchlorate	6.4	a	32	a	13	a	26	a
Metals	Cadmium	0.77	b	7.7	b1	1.47	b	7.8	b2
Metals	Lead	4.7	b	8.9	b1	1.63	b	3.26	b1
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	8.40E-06	c	3.10E-05	c	NA		NA	
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	NA		NA		1.40E-05	c	1.40E-04	c
OCPs	beta-BHC	0.4	d	2	d	0.56	d5	2.25	d5
OCPs	Calculated DDx (ND=0.5DL)	0.147	b6	0.735	b1, 6	0.227	b6	2.27	b1, 6

Notes:

BHC = Hexachlorocyclohexane
DDx = Sum of all DDT metabolites
DL = Detection limit
Eco-SSL = Ecological soil screening level
LOAEL = Lowest observed adverse effects level
mg/kg-bw/day = Milligrams per kilogram body weight per day
NA = Not applicable
ND = Non-detected concentrations

NOAEL = No observed adverse effects level
OCPs = Organophosphate pesticides
TCDD = 2,3,7,8-Tetrachlorodibenzodioxin
TEQ = Toxic equivalent quotient
TRV = Toxicity Reference Value

- (a) USACHPPM 2007: Health Effects Research Department. 2007. Wildlife Toxicity Assessment for Perchlorate (USACHPPM Document No. 87-MA02T6-05D). February. Tables 6 and 7.
- (b) Eco-SSL: United States Environmental Protection Agency (USEPA). 2007. Guidance for Developing Ecological Soil Screening Levels. Washington, D.C.: USEPA, Office of Solid Waste and Emergency Response. April.
- (c) TSRF 2016: Tittabawassee & Saginaw River & Floodplain (TSRF). 2016. Toxicity Reference Value Derivation. September.
- (d) Sample et al. 1996: Sample, B.E., D.M. Opresko, and G.W. Suter II. 1996. Toxicological Benchmarks for Wildlife: 1996 Revision (ES/ER/TM-86/R3). Oak Ridge, Tennessee: Risk Assessment Program, Health Sciences Research Division. June. Test Species NOAEL and LOAEL in Table 12.
- 1 Same study as NOAEL from Eco-SSL.
- 2 As the Eco-SSL does not present a LOAEL, the LOAEL is calculated as the geomean of the survival, growth, and reproduction LOAELs from the survival, growth, and reproduction studies that was used for the Eco-SSL NOAEL.
- 3 Value for 2,3,7,8-TCDD used as a surrogate.
- 4 If the NOAEL was not reported, it is assumed to be 1/10 of the LOAEL. If the LOAEL is not reported, it is assumed to be 10x the NOAEL.
- 5 BHC mixed isomers used as a surrogate.
- 6 TRV for DDT used as a surrogate.

**TABLE 3-6. Terrestrial Wildlife Food Web Model Maximum Hazard Quotient Summary
Nevada Environmental Response Trust Site
Henderson, Nevada**

DRAFT

Group	Chemical	Cooper's Hawk		Kit Fox		Western Burrowing Owl		American Robin		Desert Shrew		Fringed Myotis		Raccoon		Mourning Dove		Great Basin Pocket Mouse	
		Conservative HQ (AUF = 1)		Conservative HQ (AUF = 1)		Conservative HQ (AUF = 1)		Conservative HQ (AUF = 1)		Conservative HQ (AUF = 1)		Conservative HQ (AUF = 1)		Conservative HQ (AUF = 1)		Conservative HQ (AUF = 1)		Conservative HQ (AUF = 1)	
		MAX/NOAEL	MAX/LOAEL	MAX/NOAEL	MAX/LOAEL	MAX/NOAEL	MAX/LOAEL	MAX/NOAEL	MAX/LOAEL	MAX/NOAEL	MAX/LOAEL	MAX/NOAEL	MAX/LOAEL	MAX/NOAEL	MAX/LOAEL	MAX/NOAEL	MAX/LOAEL	MAX/NOAEL	MAX/LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
General Chemistry	Perchlorate	0.04	0.02	0.05	0.01	0.2	0.08	0.9	0.4	0.8	0.2	0.9	0.2	0.3	0.06	0.09	0.05	0.3	0.06
Metals	Cadmium	0.008	0.002	0.01	0.001	0.1	0.03	0.4	0.07	0.5	0.05	0.6	0.06	0.1	0.01	0.006	0.001	0.04	0.004
Metals	Lead	0.3	0.2	0.09	0.05	1	0.7	3	2	1	0.7	0.8	0.4	0.3	0.1	0.3	0.1	0.3	0.1
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	NA	NA	0.02	0.006	NA	NA	NA	NA	3	0.8	3	0.7	0.5	0.1	NA	NA	0.3	0.08
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	0.004	0.0004	NA	NA	2	0.2	4	0.4	NA	NA	NA	NA	NA	NA	0.09	0.009	NA	NA
OCPs	beta-BHC	0.1	0.03	0.1	0.02	0.1	0.03	0.1	0.03	0.2	0.03	0.1	0.03	0.02	0.005	0.0007	0.0002	0.007	0.001
OCPs	Calculated DDx (ND=0.5DL)	0.2	0.02	0.2	0.03	0.1	0.01	0.1	0.01	0.2	0.04	0.2	0.04	0.03	0.006	0.0007	0.00007	0.008	0.002

Group	Chemical	Cooper's Hawk		Kit Fox		Western Burrowing Owl		American Robin		Desert Shrew		Fringed Myotis		Raccoon		Mourning Dove		Great Basin Pocket Mouse	
		Realistic HQ (AUF ≤ 1)		Realistic HQ (AUF ≤ 1)		Realistic HQ (AUF ≤ 1)		Realistic HQ (AUF ≤ 1)		Realistic HQ (AUF ≤ 1)		Realistic HQ (AUF ≤ 1)		Realistic HQ (AUF ≤ 1)		Realistic HQ (AUF ≤ 1)		Realistic HQ (AUF ≤ 1)	
		MAX/NOAEL	MAX/LOAEL	MAX/NOAEL	MAX/LOAEL	MAX/NOAEL	MAX/LOAEL	MAX/NOAEL	MAX/LOAEL	MAX/NOAEL	MAX/LOAEL	MAX/NOAEL	MAX/LOAEL	MAX/NOAEL	MAX/LOAEL	MAX/NOAEL	MAX/LOAEL	MAX/NOAEL	MAX/LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
General Chemistry	Perchlorate	Same HQ	Same HQ	0.05	0.01	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	0.03	0.006	Same HQ	Same HQ	0.02	0.008	Same HQ	Same HQ
Metals	Cadmium	Same HQ	Same HQ	0.009	0.0009	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	0.02	0.002	Same HQ	Same HQ	0.001	0.0002	Same HQ	Same HQ
Metals	Lead	Same HQ	Same HQ	0.08	0.04	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	0.03	0.01	Same HQ	Same HQ	0.04	0.02	Same HQ	Same HQ
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	Same HQ	Same HQ	0.02	0.006	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	0.1	0.03	Same HQ	Same HQ	NA	NA	Same HQ	Same HQ
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	Same HQ	Same HQ	NA	NA	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	NA	NA	Same HQ	Same HQ	0.02	0.002	Same HQ	Same HQ
OCPs	beta-BHC	Same HQ	Same HQ	0.1	0.02	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	0.005	0.001	Same HQ	Same HQ	0.0001	0.00003	Same HQ	Same HQ
OCPs	Calculated DDx (ND=0.5DL)	Same HQ	Same HQ	0.2	0.03	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	0.007	0.001	Same HQ	Same HQ	0.0001	0.00001	Same HQ	Same HQ

Notes:

- AUF = Area use factor
- BHC = Hexachlorocyclohexane
- DDD = Dichlorodiphenyldichloroethane
- DDE = Dichlorodiphenyldichloroethylene
- DDT = Dichlorodiphenyltrichloroethane
- DDx = DDx includes DDT, DDD, and DDE isomers for the evaluation of potential risks related to the chemical mixture
- DL = Detection limit
- HQ = Hazard quotient
- LOAEL = Lowest observed adverse effects level
- MAX = Maximum
- NA = Not applicable
- ND = Non-detects
- NOAEL = No observed adverse effects level
- OCPs = Organochlorine pesticides
- TEQ = Toxicity equivalent quotient

0.1	HQ < 1
1	HQ = 1
5	1 < HQ < 10

Table 3-7. Terrestrial Wildlife Food Web Model UCL and Average Hazard Quotient Summary
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Cooper's Hawk						Kit Fox					
		Conservative HQ (AUF = 1)						Conservative HQ (AUF = 1)					
		BKG/ NOAEL	BKG/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL	BKG/ NOAEL	BKG/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
General Chemistry	Perchlorate	No BKG	No BKG	0.005	0.002	0.008	0.004	No BKG	No BKG	0.006	0.001	0.01	0.002
Metals	Cadmium	0.003	0.0005	0.004	0.0008	0.005	0.0009	0.003	0.0003	0.005	0.0005	0.006	0.0006
Metals	Lead	0.09	0.05	0.1	0.06	0.2	0.08	0.02	0.01	0.03	0.02	0.04	0.02
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	No BKG	No BKG	NA	NA	NA	NA	No BKG	No BKG	0.004	0.001	0.006	0.002
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	No BKG	No BKG	0.0007	0.00007	0.001	0.0001	No BKG	No BKG	NA	NA	NA	NA
OCPs	beta-BHC	No BKG	No BKG	0.03	0.007	0.04	0.01	No BKG	No BKG	0.02	0.005	0.03	0.007
OCPs	Calculated DDx (ND=0.5DL)	No BKG	No BKG	0.03	0.003	0.05	0.005	No BKG	No BKG	0.03	0.005	0.04	0.008
Group	Chemical	Realistic HQ (AUF ≤ 1)						Realistic HQ (AUF ≤ 1)					
		Cooper's Hawk						Kit Fox					
		BKG/ NOAEL	BKG/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL	BKG/ NOAEL	BKG/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
General Chemistry	Perchlorate	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	No BKG	No BKG	0.006	0.001	0.01	0.002
Metals	Cadmium	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	0.003	0.0003	0.005	0.0005	0.006	0.0006
Metals	Lead	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	0.02	0.01	0.03	0.01	0.04	0.02
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	No BKG	No BKG	0.004	0.001	0.006	0.002
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	No BKG	No BKG	NA	NA	NA	NA
OCPs	beta-BHC	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	No BKG	No BKG	0.02	0.005	0.03	0.007
OCPs	Calculated DDx (ND=0.5DL)	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	No BKG	No BKG	0.03	0.005	0.04	0.008

Table 3-7. Terrestrial Wildlife Food Web Model UCL and Average Hazard Quotient Summary
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Western Burrowing Owl						American Robin					
		Conservative HQ (AUF = 1)						Conservative HQ (AUF = 1)					
		BKG/ NOAEL	BKG/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL	BKG/ NOAEL	BKG/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
General Chemistry	Perchlorate	No BKG	No BKG	0.02	0.009	0.03	0.02	No BKG	No BKG	0.2	0.09	0.3	0.1
Metals	Cadmium	0.02	0.004	0.05	0.009	0.06	0.01	0.07	0.01	0.1	0.03	0.2	0.03
Metals	Lead	0.2	0.08	0.3	0.1	0.4	0.2	0.4	0.2	0.6	0.3	0.9	0.5
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	No BKG	No BKG	NA	NA	NA	NA	No BKG	No BKG	NA	NA	NA	NA
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	No BKG	No BKG	0.3	0.03	0.4	0.04	No BKG	No BKG	0.7	0.07	1	0.1
OCPs	beta-BHC	No BKG	No BKG	0.02	0.004	0.03	0.007	No BKG	No BKG	0.01	0.003	0.02	0.006
OCPs	Calculated DDx (ND=0.5DL)	No BKG	No BKG	0.02	0.002	0.03	0.003	No BKG	No BKG	0.02	0.002	0.04	0.004
Group	Chemical	Realistic HQ (AUF ≤ 1)						Realistic HQ (AUF ≤ 1)					
		Western Burrowing Owl						American Robin					
		BKG/ NOAEL	BKG/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL	BKG/ NOAEL	BKG/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
General Chemistry	Perchlorate	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ
Metals	Cadmium	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ
Metals	Lead	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ
OCPs	beta-BHC	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ
OCPs	Calculated DDx (ND=0.5DL)	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ

Table 3-7. Terrestrial Wildlife Food Web Model UCL and Average Hazard Quotient Summary
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Desert Shrew						Fringed Myotis					
		Conservative HQ (AUF = 1)						Conservative HQ (AUF = 1)					
		BKG/ NOAEL	BKG/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL	BKG/ NOAEL	BKG/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
General Chemistry	Perchlorate	No BKG	No BKG	0.1	0.02	0.2	0.04	No BKG	No BKG	0.1	0.03	0.2	0.04
Metals	Cadmium	0.09	0.009	0.2	0.02	0.2	0.02	0.1	0.01	0.2	0.02	0.3	0.03
Metals	Lead	0.1	0.07	0.2	0.1	0.3	0.2	0.09	0.05	0.2	0.08	0.2	0.1
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	No BKG	No BKG	0.5	0.1	0.8	0.2	No BKG	No BKG	0.4	0.1	0.7	0.2
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	No BKG	No BKG	NA	NA	NA	NA	No BKG	No BKG	NA	NA	NA	NA
OCPs	beta-BHC	No BKG	No BKG	0.02	0.004	0.03	0.007	No BKG	No BKG	0.02	0.003	0.03	0.005
OCPs	Calculated DDx (ND=0.5DL)	No BKG	No BKG	0.03	0.007	0.05	0.01	No BKG	No BKG	0.03	0.006	0.05	0.009
Group	Chemical	Realistic HQ (AUF ≤ 1)						Realistic HQ (AUF ≤ 1)					
		Desert Shrew						Fringed Myotis					
		BKG/ NOAEL	BKG/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL	BKG/ NOAEL	BKG/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
General Chemistry	Perchlorate	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	No BKG	No BKG	0.005	0.001	0.008	0.002
Metals	Cadmium	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	0.004	0.0004	0.008	0.0008	0.01	0.001
Metals	Lead	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	0.003	0.002	0.006	0.003	0.008	0.004
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	No BKG	No BKG	0.02	0.004	0.03	0.007
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	No BKG	No BKG	NA	NA	NA	NA
OCPs	beta-BHC	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	No BKG	No BKG	0.0006	0.0001	0.001	0.0002
OCPs	Calculated DDx (ND=0.5DL)	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	No BKG	No BKG	0.001	0.0002	0.002	0.0003

Table 3-7. Terrestrial Wildlife Food Web Model UCL and Average Hazard Quotient Summary
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Raccoon						Mourning Dove					
		Conservative HQ (AUF = 1)						Conservative HQ (AUF = 1)					
		BKG/ NOAEL	BKG/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL	BKG/ NOAEL	BKG/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
General Chemistry	Perchlorate	No BKG	No BKG	0.07	0.01	0.1	0.02	No BKG	No BKG	0.03	0.01	0.04	0.02
Metals	Cadmium	0.02	0.002	0.04	0.004	0.05	0.005	0.002	0.0003	0.003	0.0006	0.003	0.0006
Metals	Lead	0.03	0.01	0.05	0.02	0.07	0.04	0.02	0.01	0.04	0.02	0.06	0.03
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	No BKG	No BKG	0.09	0.02	0.1	0.04	No BKG	No BKG	NA	NA	NA	NA
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	No BKG	No BKG	NA	NA	NA	NA	No BKG	No BKG	0.02	0.002	0.02	0.002
OCPs	beta-BHC	No BKG	No BKG	0.003	0.0005	0.004	0.0009	No BKG	No BKG	0.00008	0.00002	0.0001	0.00003
OCPs	Calculated DDx (ND=0.5DL)	No BKG	No BKG	0.005	0.001	0.008	0.002	No BKG	No BKG	0.0002	0.00002	0.0002	0.00002
Group	Chemical	Realistic HQ (AUF ≤ 1)						Realistic HQ (AUF ≤ 1)					
		Raccoon						Mourning Dove					
		BKG/ NOAEL	BKG/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL	BKG/ NOAEL	BKG/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
General Chemistry	Perchlorate	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	No BKG	No BKG	0.004	0.002	0.006	0.003
Metals	Cadmium	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	0.0003	0.00006	0.0005	0.0001	0.0006	0.0001
Metals	Lead	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	0.004	0.002	0.007	0.004	0.01	0.006
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	No BKG	No BKG	NA	NA	NA	NA
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	No BKG	No BKG	0.003	0.0003	0.004	0.0004
OCPs	beta-BHC	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	No BKG	No BKG	0.00001	0.000003	0.00002	0.000006
OCPs	Calculated DDx (ND=0.5DL)	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	No BKG	No BKG	0.00003	0.000003	0.00004	0.000004

**Table 3-7. Terrestrial Wildlife Food Web Model UCL and Average Hazard Quotient Summary
Nevada Environmental Response Trust Site
Henderson, Nevada**

Group	Chemical	Great Basin Pocket Mouse					
		Conservative HQ (AUF = 1)					
		BKG/ NOAEL	BKG/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ
General Chemistry	Perchlorate	No BKG	No BKG	0.08	0.02	0.1	0.02
Metals	Cadmium	0.008	0.0008	0.02	0.002	0.02	0.002
Metals	Lead	0.02	0.01	0.04	0.02	0.06	0.03
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	No BKG	No BKG	0.05	0.01	0.08	0.02
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	No BKG	No BKG	NA	NA	NA	NA
OCPs	beta-BHC	No BKG	No BKG	0.0008	0.0002	0.001	0.0003
OCPs	Calculated DDx (ND=0.5DL)	No BKG	No BKG	0.001	0.0003	0.002	0.0004
Group	Chemical	Realistic HQ (AUF ≤ 1)					
		Great Basin Pocket Mouse					
		BKG/ NOAEL	BKG/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ
General Chemistry	Perchlorate	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ
Metals	Cadmium	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ
Metals	Lead	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ
OCPs	beta-BHC	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ
OCPs	Calculated DDx (ND=0.5DL)	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ	Same HQ

Notes:

- % = Percent
- AUF = Area use factor
- AVG = Average
- BHC = Hexachlorocyclohexane
- BKG = Background
- DDD = Dichlorodiphenyldichloroethane
- DDE = Dichlorodiphenyldichloroethylene
- DDT = Dichlorodiphenyltrichloroethane
- DDx = DDx includes DDT, DDD, and DDE isomers for the evaluation of potential risks related to the chemical mixture
- DL = Detection limit
- HQ = Hazard quotient
- LOAEL = Lowest observed adverse effects level
- NA = Not applicable
- ND = Nondetects
- NOAEL = No observed adverse effects level
- OCPs = Organochlorine pesticides
- TEQ = Toxicity equivalent quotient
- UCL = 95% upper confidence level

0.1	HQ < 1
1	HQ = 1

**TABLE 3-8. Terrestrial Wildlife Food Web Model UCL/LOAEL Hazard Quotient Summary
Nevada Environmental Response Trust Site
Henderson, Nevada**

Group	Chemical	Coopers Hawk	Kit Fox	Western Burrowing Owl	American Robin	Desert Shrew	Fringed Myotis	Raccoon	Mourning Dove	Great Basin Pocket Mouse
		Conservative HQ (AUF = 1)								
		UCL/ LOAEL HQ	UCL/ LOAEL HQ	UCL/ LOAEL HQ	UCL/ LOAEL HQ	UCL/ LOAEL HQ	UCL/ LOAEL HQ	UCL/ LOAEL HQ	UCL/ LOAEL HQ	UCL/ LOAEL HQ
General Chemistry	Perchlorate	0.004	0.002	0.02	0.1	0.04	0.04	0.02	0.02	0.02
Metals	Cadmium	0.0009	0.0006	0.01	0.03	0.02	0.03	0.005	0.0006	0.002
Metals	Lead	0.08	0.02	0.2	0.5	0.2	0.1	0.04	0.03	0.03
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	NA	0.002	NA	NA	0.2	0.2	0.04	NA	0.02
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	0.0001	NA	0.04	0.1	NA	NA	NA	0.002	NA
OCPs	beta-BHC	0.01	0.007	0.007	0.006	0.007	0.005	0.0009	0.00003	0.0003
OCPs	Calculated DDx (ND=0.5DL)	0.005	0.008	0.003	0.004	0.01	0.009	0.002	0.00002	0.0004
Group	Chemical	Coopers Hawk	Kit Fox	Western Burrowing Owl	American Robin	Desert Shrew	Fringed Myotis	Raccoon	Mourning Dove	Great Basin Pocket Mouse
		Realistic HQ (AUF ≤ 1)								
		UCL/ LOAEL HQ	UCL/ LOAEL HQ	UCL/ LOAEL HQ	UCL/ LOAEL HQ	UCL/ LOAEL HQ	UCL/ LOAEL HQ	UCL/ LOAEL HQ	UCL/ LOAEL HQ	UCL/ LOAEL HQ
General Chemistry	Perchlorate	Same HQ	0.002	Same HQ	Same HQ	Same HQ	0.002	Same HQ	0.003	Same HQ
Metals	Cadmium	Same HQ	0.0006	Same HQ	Same HQ	Same HQ	0.001	Same HQ	0.0001	Same HQ
Metals	Lead	Same HQ	0.02	Same HQ	Same HQ	Same HQ	0.004	Same HQ	0.006	Same HQ
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	Same HQ	0.002	Same HQ	Same HQ	Same HQ	0.007	Same HQ	NA	Same HQ
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	Same HQ	NA	Same HQ	Same HQ	Same HQ	NA	Same HQ	0.0004	Same HQ
OCPs	beta-BHC	Same HQ	0.007	Same HQ	Same HQ	Same HQ	0.0002	Same HQ	0.000006	Same HQ
OCPs	Calculated DDx (ND=0.5DL)	Same HQ	0.008	Same HQ	Same HQ	Same HQ	0.0003	Same HQ	0.000004	Same HQ

Notes:

AUF = Area use factor
 BHC = Hexachlorocyclohexane
 DDD = Dichlorodiphenyldichloroethane
 DDE = Dichlorodiphenyldichloroethylene
 DDT = Dichlorodiphenyltrichloroethane
 DDx = DDx includes DDT, DDD, and DDE isomers for the evaluation of potential risks related to the chemical mixture
 DL = Detection limit
 HQ = Hazard quotient

LOAEL = Lowest observed adverse effects level
 NA = Not applicable
 ND = Nondetects
 OCPs = Organochlorine pesticides
 TEQ = Toxicity equivalent quotient
 UCL = 95th percent upper confidence level

0.1 HQ<1

**TABLE 3-9. Effects of Uncertainty in Ecological Risk Assessment
Nevada Environmental Response Trust Site
Henderson, Nevada**

Source of Uncertainty	BERA Management Approach
Investigation Data	
Use of maximum/ 95% UCL concentrations	Using 95 percent upper confidence limits and maximum detected concentrations is likely to overestimate intakes since actual exposure is likely at lower concentrations.
Limited number of samples - biased sampling	Typically, only a limited number of samples are used in ERAs, and very often they are collected in a biased manner (i.e., targeting "hot spots"). This type of sampling often lacks statistical power and does not likely represent the concentrations in the environment in which wildlife exposure occurs.
Non detects, with detection limits that exceed ecotoxicity screening values	There are occasions when analytical detection limits exceed ecotoxicity screening values (ESVs). This can be due to instrument and method limitations and/or due to interference from unrelated chemicals (e.g., dilutions required to bring some other chemical within a calibration range).
Use of Modeling to Estimate Tissue Residues	
Use of literature derived exposure assumptions in the models	There are numerous assumptions made in the tissue uptake modeling including the selection of bioaccumulation factors, lipid content, along with the species specific factors incorporated into the mercury model (e.g., body weight, dietary composition) used to estimate tissue concentrations of metals/PAHs/PCBs.
Area use factors	The AUF accounts for the fraction of the diet that an organism actually obtains from the site. The AUF takes into consideration the dietary fraction derived from a site based on the organism's foraging/feeding range (i.e., the mobility factor, which is the ratio between the site surface area and the foraging/feeding range), and seasonal exposure that limits exposure to certain periods of the year. High mobility animals, have extensive foraging ranges and are known to obtain their diet from multiple locations, while low-mobility organisms such as invertebrates have a higher degree of exposure because most or all of their diet is derived from a smaller area. OU-2 is approximately 2,645 acres. Organisms whose home range is less than the site size is assumed to spend all their time at the site while organisms whose home range is greater than the site size is assumed to spend only a portion of their time at the site. Ramboll considered both a conservative approach to AUFs (AUF=1) and a more realistic scenario (AUF<1) in the risk assessment.
Exposure Duration	The ED accounts for the fraction of time an organisms spends at the site. An ED of 1 assumes that an organisms spends all their time at the site. An ED of less than 1 assumes that an organisms spends only a portion of their time at the site due to factors such as migratory behavior or omnivorous diet that takes an organisms into different types of habitats. Ramboll considered only a conservative approach to EDs (ED=1) in the risk assessment.
Characterization of Exposure	
Use of literature derived exposure assumptions	There are numerous assumptions made in the exposure assessment, including the selection of exposure routes, scenarios, and factors (e.g. , contact rates, exposure frequency, body weight) used to estimate exposure doses.
Use of literature derived exposure assumptions	Food web modeling relies on conservative exposure factors where intake rates, body weights, and soil consumption are conservative values.
Use of literature derived exposure assumptions	The calculated conservative exposure dose for any given constituent, which results from a multiplication of all of these variables, represents a high end value and is a conservative estimate of the actual exposure dose. The use of this exposure dose, coupled with conservative estimates of toxicity, will yield a potential risk result that represents a high-end estimate of the likelihood of adverse effects. The layering of conservative assumptions adds a level of protection to the risk estimates that is essentially equivalent to a screening level assessment.
Toxicity data	Toxicity data are only available for a limited number of species (most of them laboratory test species) under a strictly defined set of test conditions that deviate from natural conditions (Sample et al. 1996; Suter 1995).

**TABLE 3-9. Effects of Uncertainty in Ecological Risk Assessment
Nevada Environmental Response Trust Site
Henderson, Nevada**

Source of Uncertainty	BERA Management Approach
Use of extrapolated toxicity data to evaluate site specific effects	Toxicity data used to evaluate potential effects to measurement endpoints provide a source of uncertainty in the effects analysis. Toxicity data which has been extrapolated from laboratory settings, different species to wildlife provides a source of uncertainty. Toxicity values with low confidence ratings and high uncertainty factors overestimates risk.
Use of extrapolated toxicity data to evaluate site specific effects	Extrapolations between species and between chemicals with similar structure when specific data is not available may increase uncertainty
Adaptation and tolerance	Consideration of bioavailability (and, thereby, diminished toxicity) tolerance and adaptation are intentionally not considered directly in a BERA. Further, there is little consistency and no quantitative methodology for the consideration of the bioavailability (and, thereby, diminished toxicity) even though this process is well documented (e.g. Alexander 2000). Similarly, tolerance and adaptation is well documented (Millward and Klerks 2002; Grant 2002).
Risk Characterization	
Bird and mammal HQs based on maximum AUFs	Compounding conservative assumptions in the risk assessment likely yields extremely conservative (overestimated) risk estimates. Using an AUF = 1, the HQ values for the mammals and birds are based on the presumption that they live their entire lives within their exposure unit, consume food only from within their exposure unit, and food items live entirely within their exposure unit.
Interpretation of HQs	An HQ less than or equal to a value of 1 indicates that adverse impacts to wildlife are considered unlikely (USEPA 2001). However, there is no clear guidance for interpreting the HQs that exceed a value of 1, except that this point of departure may indicate that adverse effects of some kind may have occurred or may occur in the future.
Elevated HQs for background concentrations	HQs may exceed a value of 1 for background concentrations of naturally occurring metals (Tannenbaum 2003). This is due to many of the toxicology and ESV uncertainties already discussed. Also, background HQs greater than 1 indicate that indigenous wildlife would have adapted to these COPECs.
HQs for individual used to evaluate risks to populations	<p>HQs are based on the types of impacts that could occur to individuals (i.e., those individuals exposed to maximum concentrations), and they completely fail to address ecological exposure and risk at spatial scale of populations (Tannenbaum 2003; Durda and Preziosi 1999).</p> <p>A focus on populations rather than individuals is appropriate in non-endangered species because compensatory mechanisms that operate in biological populations permit these populations to sustain themselves in spite of the death or impairment of some individuals that occurs due to natural and anthropogenic stressors. Even if statistically significant reductions in survival, growth and reproduction of some individuals are observed, such data alone cannot be used directly to estimate adverse effects to populations, communities, or ecosystems (Forbes and Calow, 1999). Survival, growth, and reproductive rates are interrelated in complex ways, and apparent adverse changes in one of these factors (e.g., a reduction in fecundity) are often offset by compensatory changes in others (e.g., increased growth and survival of young).</p>
HQs with unrealistic magnitudes	HQs are seen at magnitudes that suggest acute toxicity. Often, conditions at a site document that this is not the case. There are occasions where HQs are >>1 suggesting acute toxicity could be predicted but then no evidence of toxicity is actually found (such as no significant toxicity in sediment toxicity tests or no evidence of toxicity in benthic community analyses).

**TABLE 3-9. Effects of Uncertainty in Ecological Risk Assessment
Nevada Environmental Response Trust Site
Henderson, Nevada**

Source of Uncertainty	BERA Management Approach
-----------------------	--------------------------

Notes:

% = Percent
 AUF = Area use factor
 BERA = Baseline ecological risk assessment
 COPEC = Constituent of potential ecological concern
 ED = Exposure Duration
 ERA = Ecological risk assessment
 ESV = Ecotoxicity screening value
 HQ = Hazard quotient
 LOAEL = Lowest observed adverse effect level
 NOAEL = No observed adverse effect level
 OU-2 = Operable Unit 2
 PAH = Polycyclic aromatic hydrocarbons
 PCBs = Polychlorinated biphenyls
 SPME = Solid phase micro-extraction
 TRV = Toxicity reference value
 TU = Toxic unit
 UCL = Upper confidence level
 USEPA = United States Environmental Protection Agency

References:

Alexander, M. 2000. Aging, Bioavailability, and Overestimation of Risk from Environmental Pollutants. *Environmental Science and Technology* 34(20): 4259-4265.

Durda, J.L., and D.V. Preziosi. 1999. Where is the population in your risk assessment? *Society of Environmental Toxicology and Chemistry (SETAC) News* 19(6):19-20.

Forbes, V. E. and P. Calow. 1999. Is the per capita rate of increase a good measure of population-level effects in ecotoxicology? *Environmental Toxicology and Chemistry* 18:1544-1556.

Grant, A. 2002. Pollution-tolerant Species and Communities: Intriguing Toys or Invaluable Monitoring Tools? *Human and Ecological Risk Assessment* 8(5): 95-970.

Millward R. N., and Klerks P. L. 2002. Contaminant-adaptation and community tolerance in ecological risk assessment: introduction. *Human and Ecological Risk Assessment: An International Journal* 8:921-932.

Sample, B.E., D.M. Opresko, and G.W. Suter II. 1996. Toxicological Benchmarks for Wildlife: 1996 Revision (ES/ER/TM-86/R3). Oak Ridge, Tennessee: Risk Assessment Program, Health Sciences Research Division. June.

Suter, G.W., B.W. Cornaby, C.T. Hadden, R.N. Hull, M. Stack, and F.A. Zafran. 1995. An Approach for Balancing Health and Ecological Risks at Hazardous Waste Facilities. *Risk Analysis* 15(2): 221-231.

Tannenbaum L., M. Johnson, and M. Bazar. 2003. Application of the Hazard Quotient Method in Remedial Decisions: A Comparison of Human and Ecological Risk Assessments. *Human and Ecological Risk Assessment: An International Journal* 9: 387-401.

USEPA. 2001: ECO-Update: Role of Screening-level Risk Assessments and Refining Contaminants of Concern in Baseline Ecological Risk Assessments (EPA 540/F-01/014; Publication 9345.0-14). Washington, D.C.: USEPA, Office of Solid Waste and Emergency Response. June.

TABLE 3-10. Uncertainty Analysis for Constituents Lacking ESVs

Nevada Environmental Response Trust Site

Henderson, Nevada

Analyte Group	Analyte	Units	# Samples	# Detects	% Detects	Detects			AVG BKG CONC. (ND=0.5 DL)	MAX BKG CONC. (ND=0.5 DL)	Fail Statistical Testing for Background Consistency? (a)	Is this Constituent Detected?	Is Max detection > Max BKG?	Is the FOD >5%?	Is the FOD >10%?	Is average > max background?	Reason for Exclusion	Retain for further uncertainty analysis (Y/N)?
						Avg (ND=0.5DL)	Max	Max Location										
General Chemistry	Bromide	mg/kg	34	9	26	1.01E+00	7.60E+00	TSB-AR-06-0(FD)	No BKG	No BKG	No BKG	Yes	NA	Yes	Yes	NA	Maximum bromine hazard quotient was 2	no
General Chemistry	Chlorate	mg/kg	4	2	50	3.13E+00	6.30E+00	SA27-0.5	No BKG	No BKG	No BKG	Yes	NA	Yes	Yes	NA	Only 4 samples available	no
General Chemistry	Chloric acid	mg/kg	30	6	20	9.48E-01	4.60E+00	TSB-AR-06-0(FD)	No BKG	No BKG	No BKG	Yes	NA	Yes	Yes	NA	--	YES
General Chemistry	Chlorine	mg/kg	30	28	93	5.05E+02	4.41E+03	TSB-AR-06-0(FD)	No BKG	No BKG	No BKG	Yes	NA	Yes	Yes	NA	--	YES
General Chemistry	Nitrate (as N)	mg/kg	34	34	100	1.20E+01	2.29E+02	TSB-AR-06-0(FD)	8.27E+00	1.02E+02	NA	Yes	Yes	Yes	Yes	No	Average is less than background	no
General Chemistry	Nitrite (as N)	mg/kg	34	5	15	2.67E-01	4.20E+00	SA27-0.5	3.67E-02	2.10E-01	NA	Yes	Yes	Yes	Yes	Yes	--	YES
General Chemistry	ortho-Phosphate	mg/kg	34	3	9	9.04E-01	2.00E+00	TSB-AR-11-0	No BKG	No BKG	No BKG	Yes	NA	Yes	no	NA	FOD≤10%	no
General Chemistry	Sulfate	mg/kg	34	34	100	1.55E+02	1.45E+03	TSB-AR-06-0(FD)	1.95E+02	4.13E+03	NA	Yes	No	Yes	Yes	No	Max is less than background	no
Metals	Sulfur	mg/kg	30	3	10	2.92E+02	1.21E+03	TSB-AR-06-0	No BKG	No BKG	No BKG	Yes	NA	Yes	no	NA	FOD≤10%	no
OCPs	2,4-DB	mg/kg	1	1	100	6.00E-02	6.00E-02	PC-70_06/23/1999	No BKG	No BKG	No BKG	Yes	NA	Yes	Yes	NA	Only 1 sample analyzed in 1999	no
OCPs	Dicamba	mg/kg	1	1	100	2.00E-03	2.00E-03	PC-70_06/23/1999	No BKG	No BKG	No BKG	Yes	NA	Yes	Yes	NA	Only 1 sample analyzed in 1999	no
OCPs	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	mg/kg	1	1	100	1.20E+03	1.20E+03	PC-70_06/23/1999	No BKG	No BKG	No BKG	Yes	NA	Yes	Yes	NA	Only 1 sample analyzed in 1999	no
TPH	Oil Range Organics	mg/kg	39	3	8	8.71E+01	1.50E+02	SA26-0.5	No BKG	No BKG	No BKG	Yes	NA	Yes	no	NA	FOD≤10%	no
Organic Halides	Organic Halides (total)	mg/kg	1	1	100	1.80E+02	1.80E+02	PC-70_06/23/1999	No BKG	No BKG	No BKG	Yes	NA	Yes	Yes	NA	Only 1 sample analyzed in 1999	no

Notes:

= Number

% = Percent

2,4-DB = 4-(2,4-Dichlorophenoxy)butanoic acid

AVG = Average

BKG = Background

Conc. = Concentration

DL = Detection limit

FOD = Frequency of detection

Max = Maximum

mg/kg = Milligram per kilogram

N = Nitrogen

NA = Not applicable

ND = Not detected

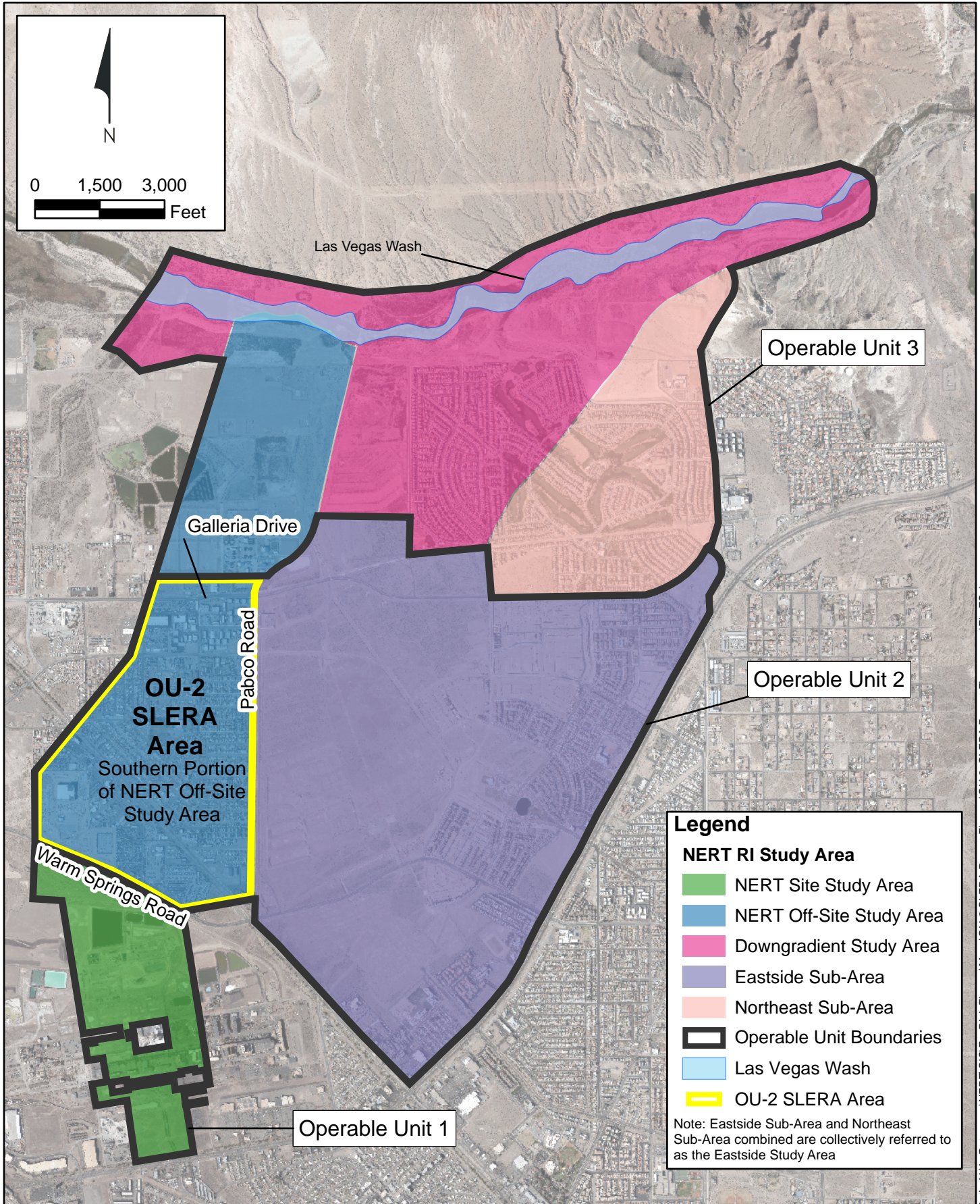
OCPs = Organochlorine pesticides

OU-2 = Operable Unit 2

TPH = Total petroleum hydrocarbons

Y/N = Yes or no

FIGURES



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OU-2 SLERA Area and NERT Operable Units

Nevada Environmental Response Trust Site
Henderson, Nevada

Figure

ES-1

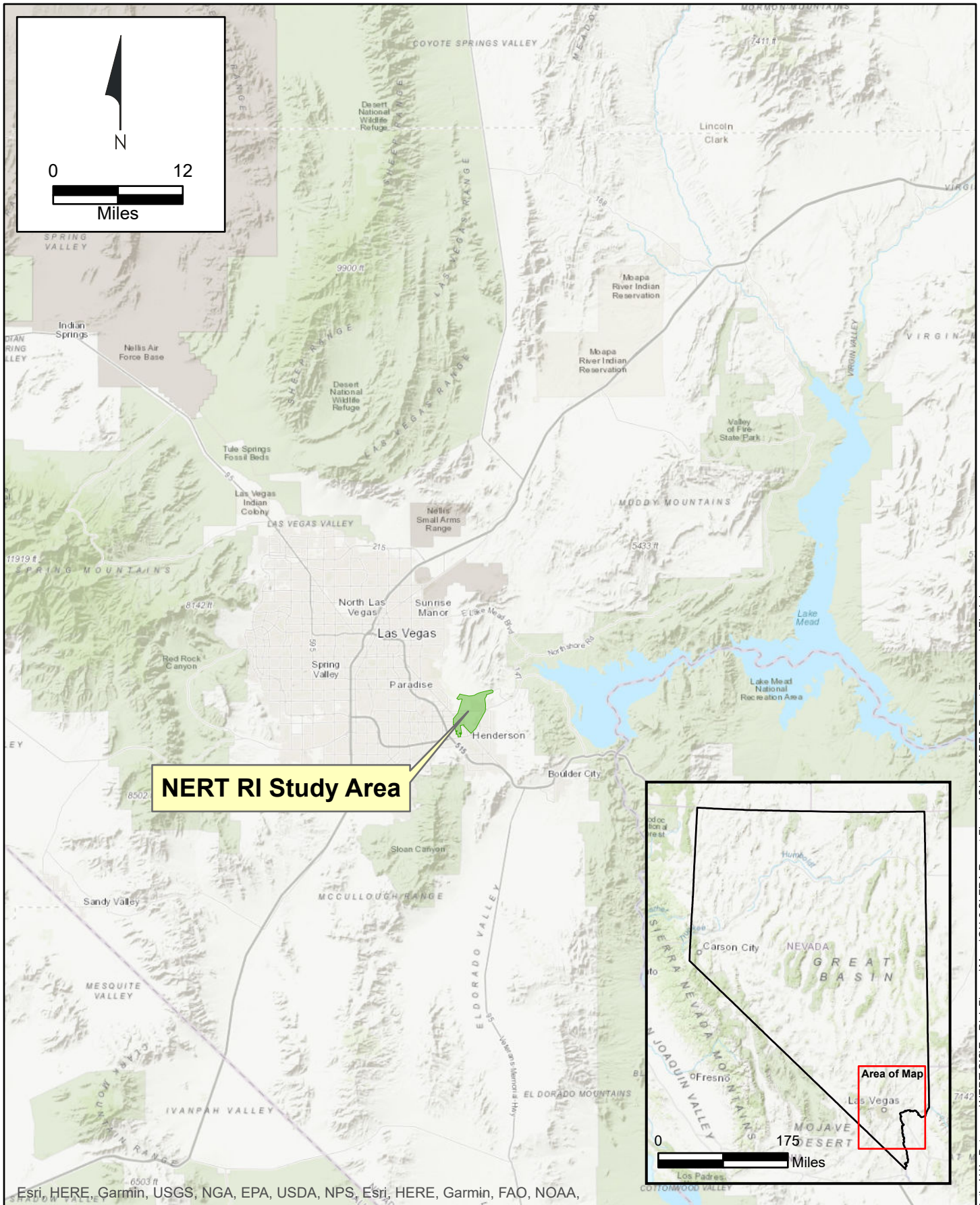
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Contract Number: 1690020169

Approved by:

Revised:



Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS, Esri, HERE, Garmin, FAO, NOAA,



NERT RI Study Area Location Map
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
1-1

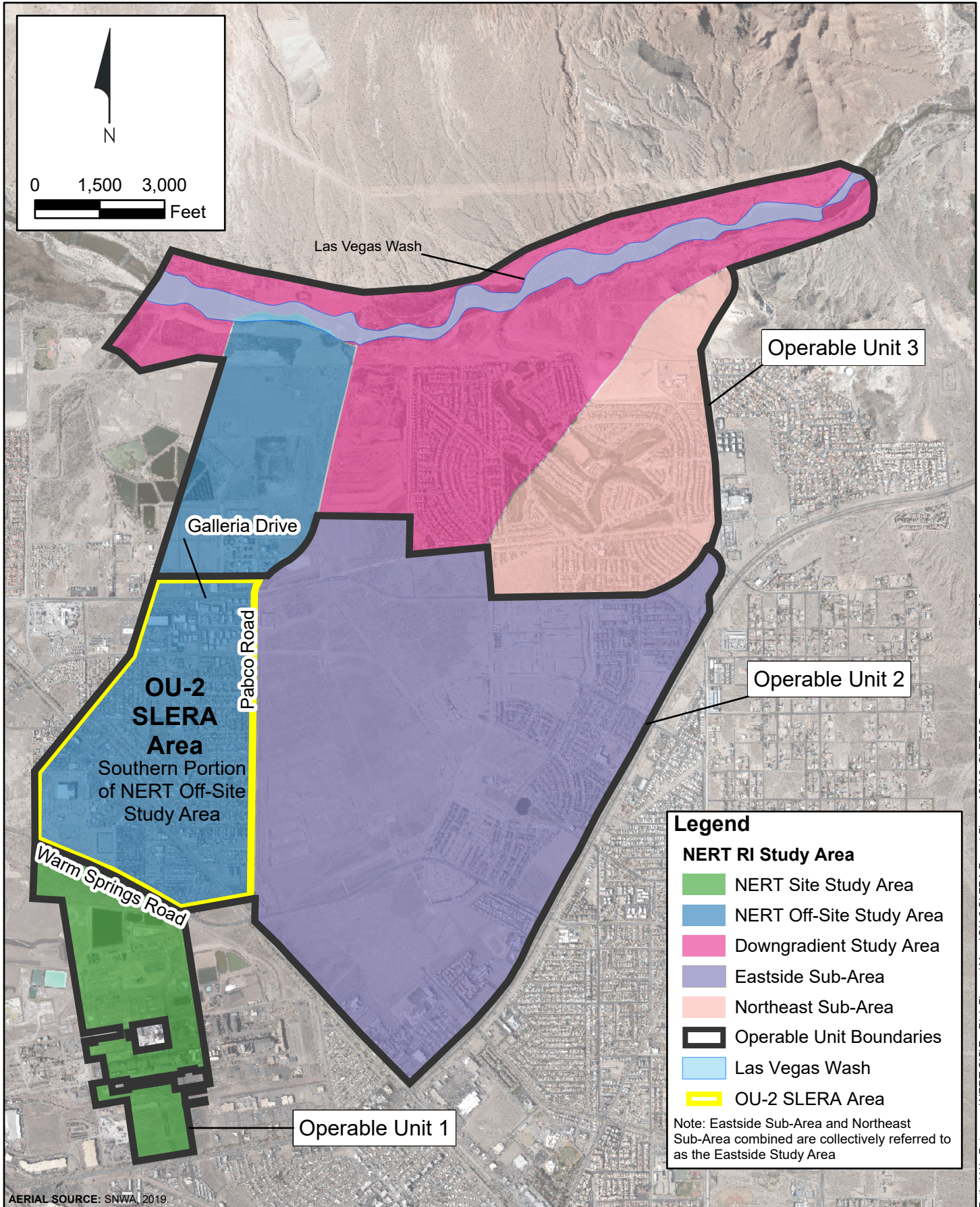
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Approved by:

Revised:

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AERIAL SOURCE: SNWA, 2019

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OU-2 SLERA Area and NERT Operable Units

Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
1-2

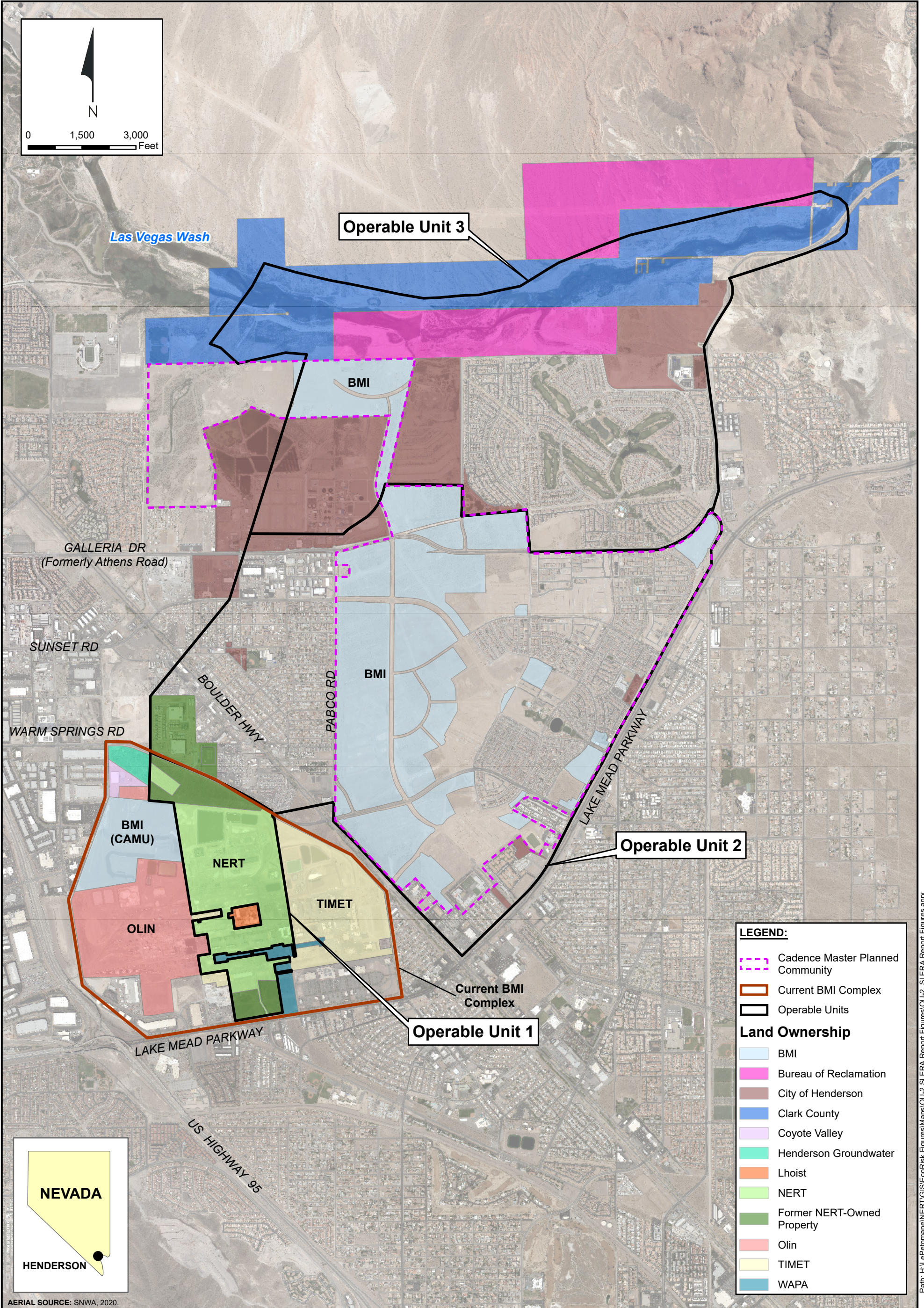
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Contract Number: 1690020169

Approved by:

Revised:



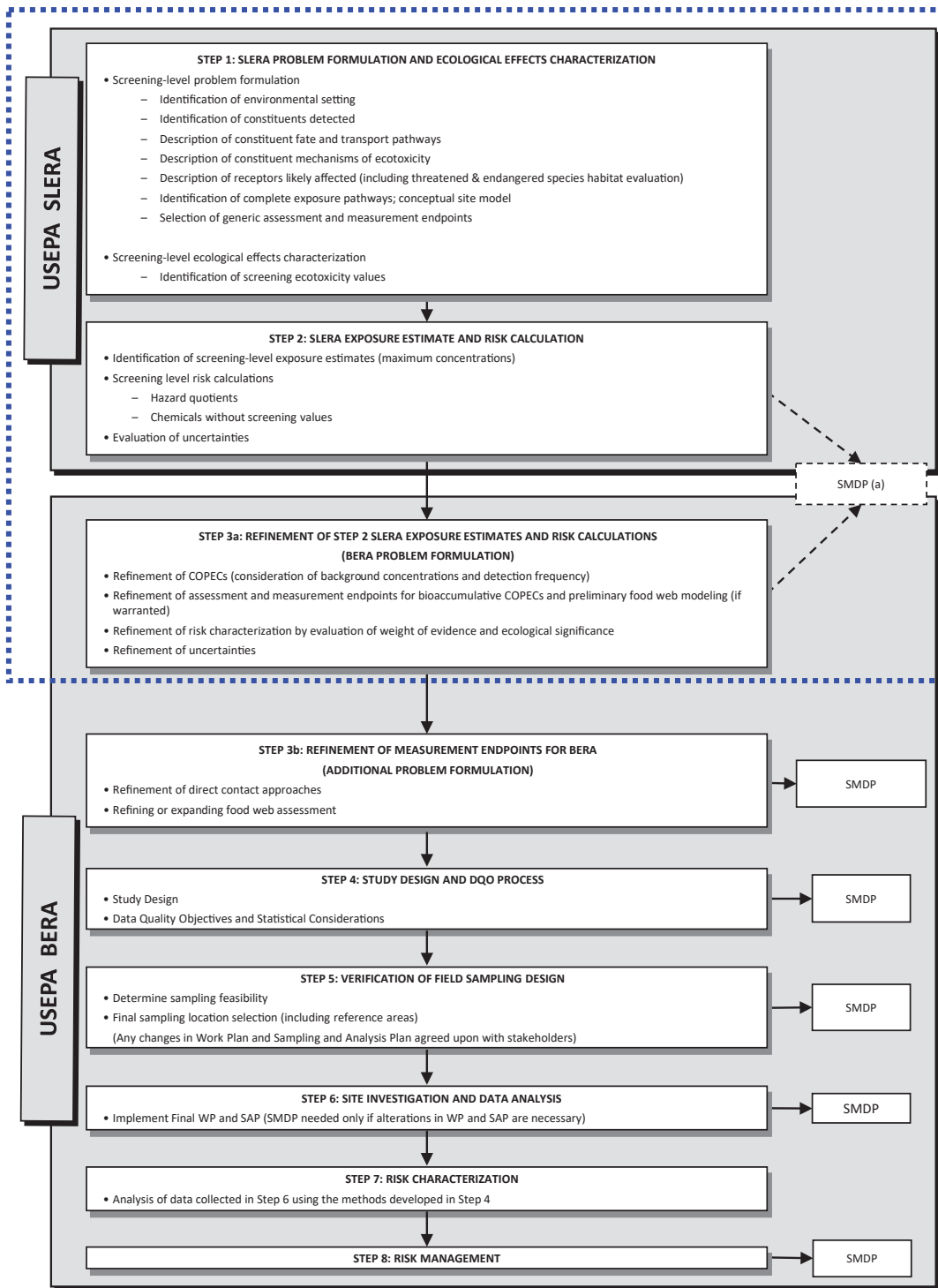
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AERIAL SOURCE: SNWA, 2020.



Major Land Ownership in the RI Study Area
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
1-3



Notes:

- (a) SMDP occurs EITHER after Step 2 or after Step 3a
- COPECS Constituents of Potential Ecological Concern
- DQO Data Quality Objectives
- GW Groundwater
- NDEP Nevada Division of Environmental Protection
- SAP Sampling and Analysis Plan
- SW/SD Surface water and sediment
- WP Work Plan

Sources: USEPA Process Adapted from USEPA, 1997, 2000, 2001
 NDEP 2006. Screening-Level Ecological Risk Assessment Guidelines for the BMI Complex, Henderson, Nevada. September.

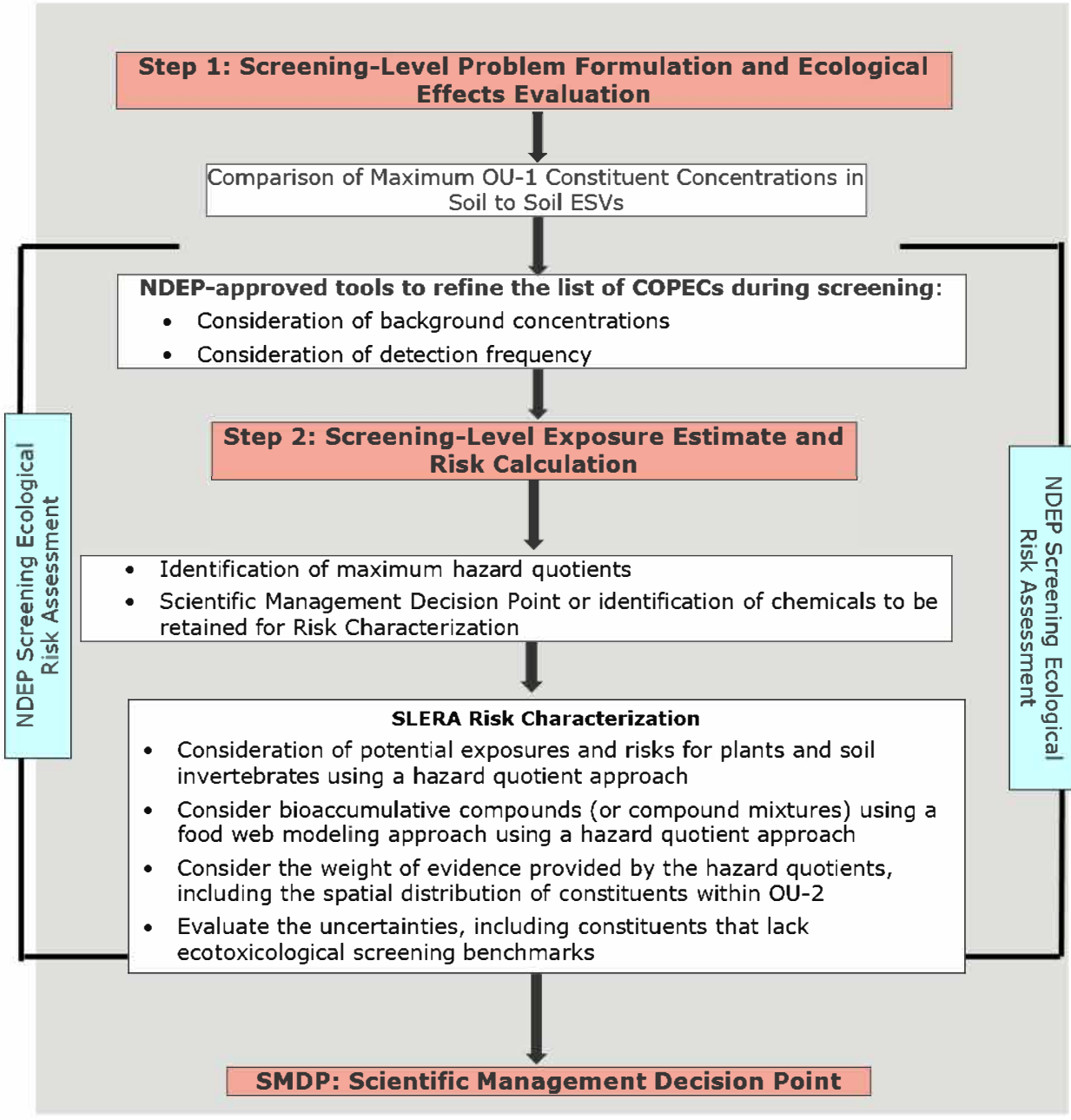
- SMDP Scientific Management Decision Point [Note that SMDPs do not identify formal reporting requirements, but identify when stakeholder communication should be considered]
- BERA Baseline ERA
- SLERA Screening-level ERA
- USEPA United States Environmental Protection Agency
- USEPA 1997. Ecological Risk Assessment Guidance for Superfund.
- USEPA 2000. Amended Guidance on Ecological Risk Assessment at Military Bases: Process Considerations, Timing of Activities, and Inclusion of Stakeholders .
- USEPA 2001. ECO-Update: Role of Screening-level Risk Assessments and Refining Contaminants of Concern in Baseline Ecological Risk Assessments.



USEPA Eight-Step Ecological Risk Assessment Process and Overlap with NDEP SLERA Process
 Nevada Environmental Response Trust Site; Henderson, Nevada

Figure
1-4

Drafter: RS/JC Date: 2021-07-29 Contract Number: 1690020169 Approved by: Revised:



Ecological Risk Assessment Process used in the OU-2 SLERA, applying elements of USEPA's Eight-Step ERA Process and NDEP Screening Guidance

NDEP - Nevada Division of Environmental Protection Ecological Risk Assessment Guidance

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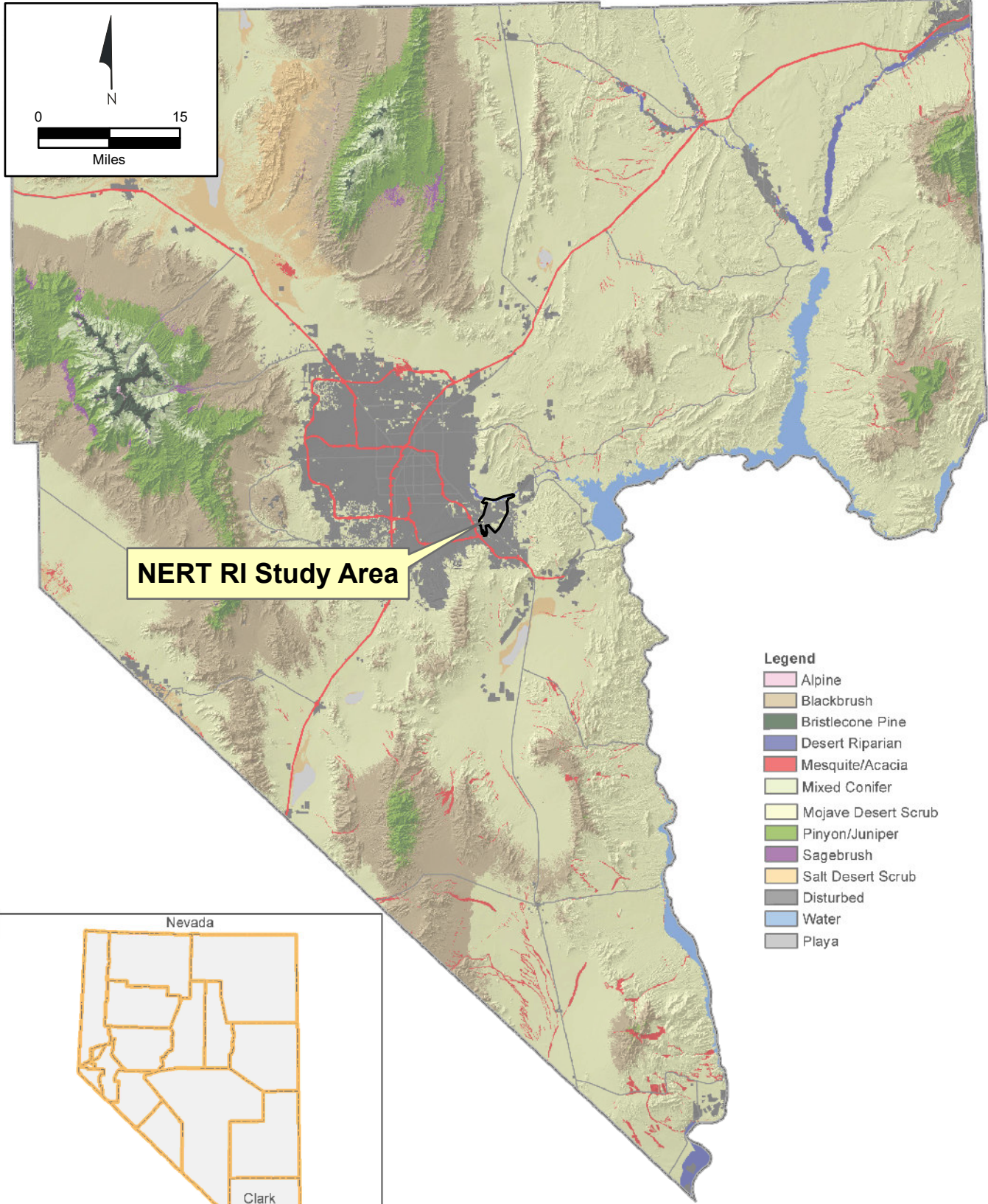
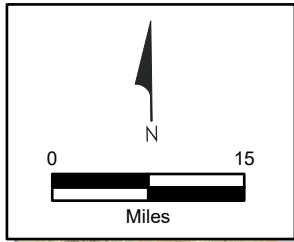


OU-2 SLERA Approach

Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
1-5

Drafter: RS/JC Date: 2021-07-29 Contract Number: 1690020169 Approved by: Revised:



NERT RI Study Area

- Legend**
- Alpine
 - Blackbrush
 - Bristlecone Pine
 - Desert Riparian
 - Mesquite/Acacia
 - Mixed Conifer
 - Mojave Desert Scrub
 - Pinyon/Juniper
 - Sagebrush
 - Salt Desert Scrub
 - Disturbed
 - Water
 - Playa



Source: Clark County Desert Conservation Program Multiple Species Habitat Conservation Plan and Environmental Impact Statement
<http://www.clarkcountynv.gov/airquality/dcp/Pages/CurrentHCP.aspx> (Accessed February 2018)

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Clark County Ecosystem Distribution Map

Nevada Environmental Response Trust Site
 Henderson, Nevada

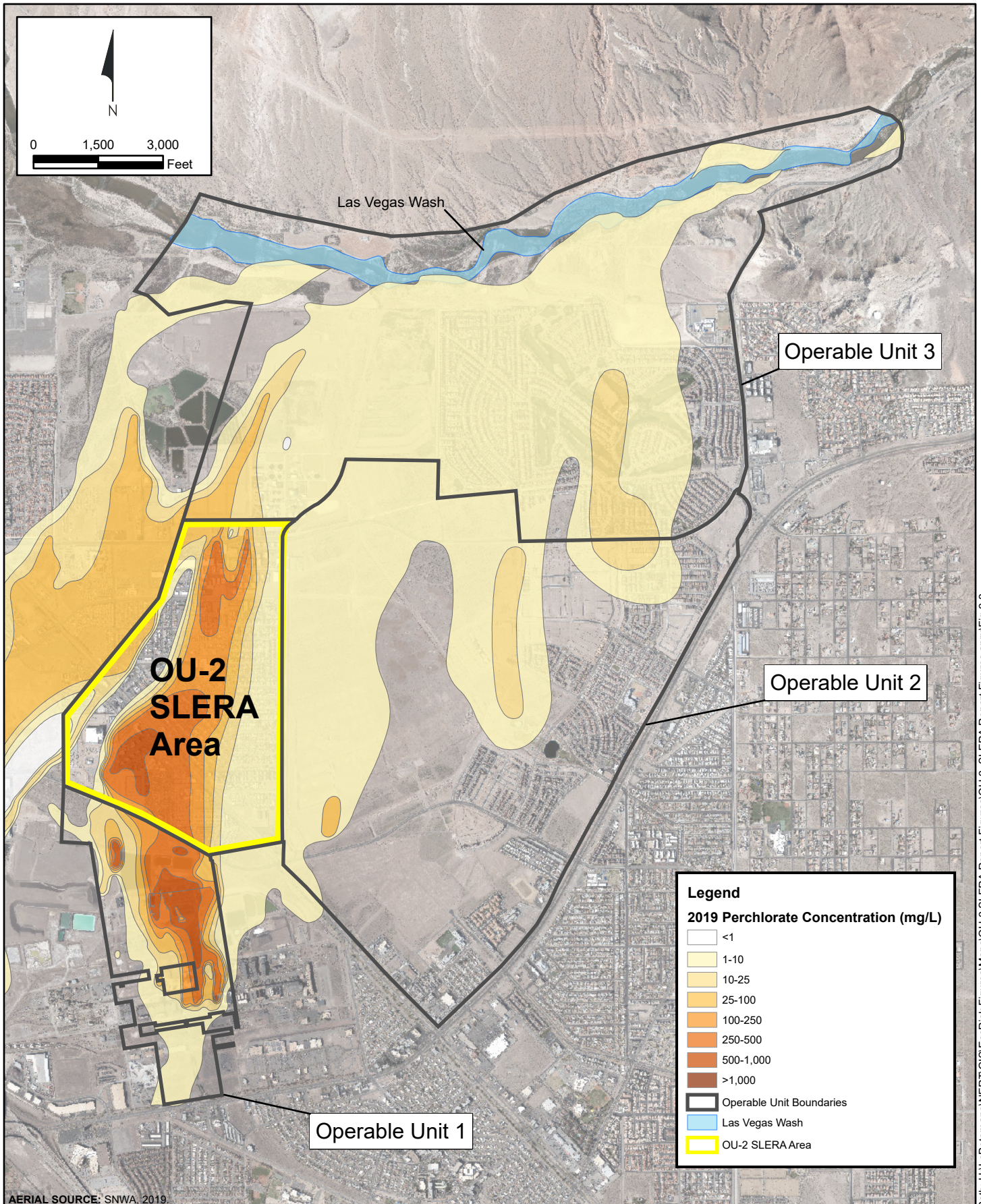
Figure
2-1

Drafter: RS

Date: 2021-07-29 Contract Number: 1690020169

Approved by:

Revised:



AERIAL SOURCE: SNWA, 2019



Perchlorate Groundwater Plume
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
2-2

Drafter: RS

Date: 2021-08-03

Contract Number: 1690020169

Approved by:

Revised:

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Legend

- Surface Soil Sampling Location
- Sample under pavement (not included in OU-2 SLERA dataset)
- Parcel A
- Parcel B
- Operable Unit Boundary
- Remediation Areas*

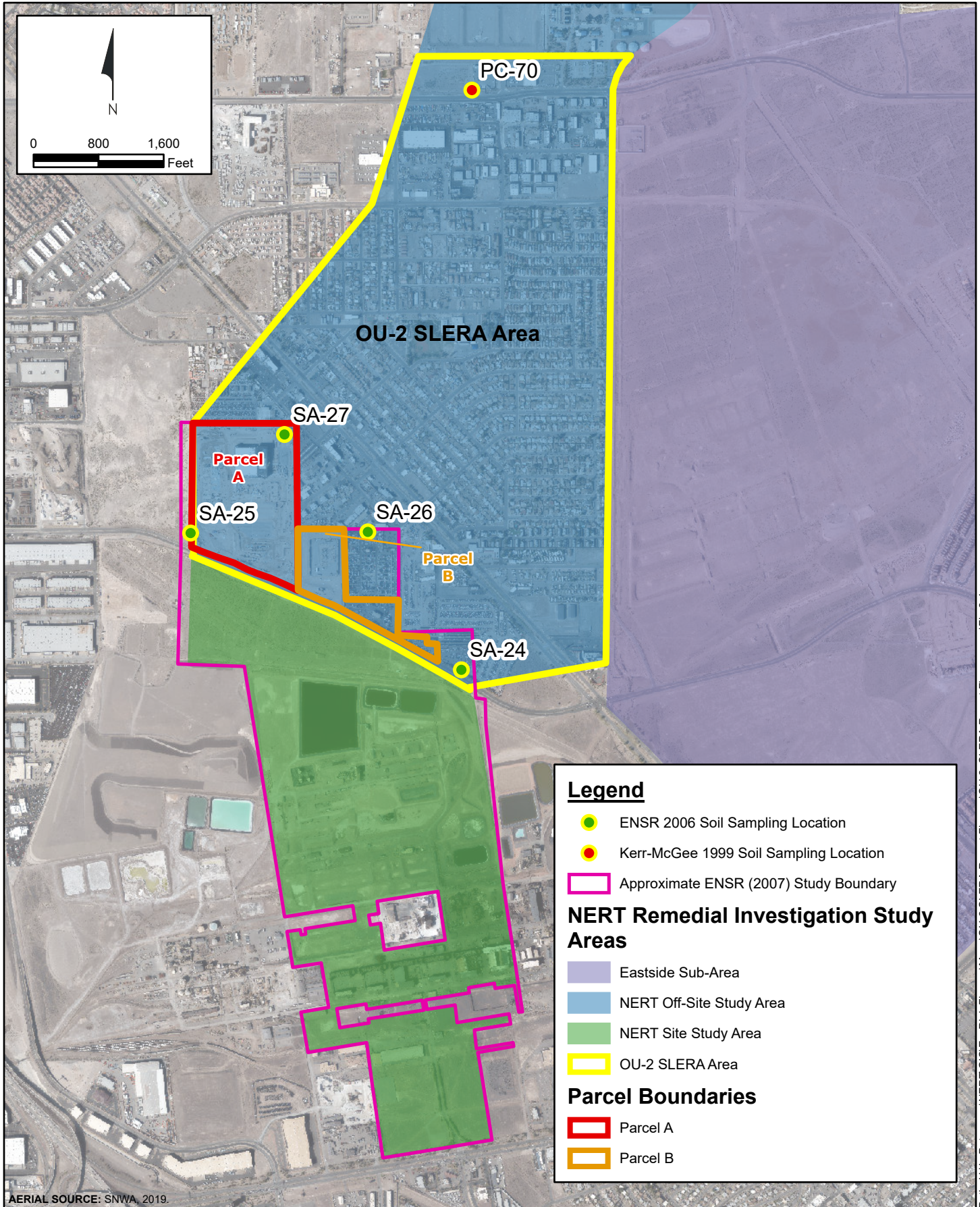
NOTE:
 Map has been adapted from the original figure "Soil Remediation Areas in Parcels A and B" (Figure #4), presented by Basic Environmental Company (BEC) in the document BEC/Tronox Parcels A/B Data Review of BMI Common Areas, Henderson, Nevada. The original figure is dated 1/30/2008.
 * These areas have had a minimum of 4" of soil removed for remediation purposes.
 BEC (Basic Environmental Company), 2007a. Phase 2 Sampling and Analysis Plan to Conduct Soil Characterization, Tronox Parcels "A" and "B" Site, Henderson, Nevada.
 Actual sample locations could not be confirmed.
 Aerial image from Southern Nevada Water Authority (SNWA 2019).



Soil Remediation Areas in Parcels A and B
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
2-3

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\OU-2 SLERA Report Figures\OU-2 SLERA Report Figures.aprx\Fig 2-3



AERIAL SOURCE: SNWA, 2019.

Legend

- ENSR 2006 Soil Sampling Location
- Kerr-McGee 1999 Soil Sampling Location
- Approximate ENSR (2007) Study Boundary

NERT Remedial Investigation Study Areas

- Eastside Sub-Area
- NERT Off-Site Study Area
- NERT Site Study Area
- OU-2 SLERA Area

Parcel Boundaries

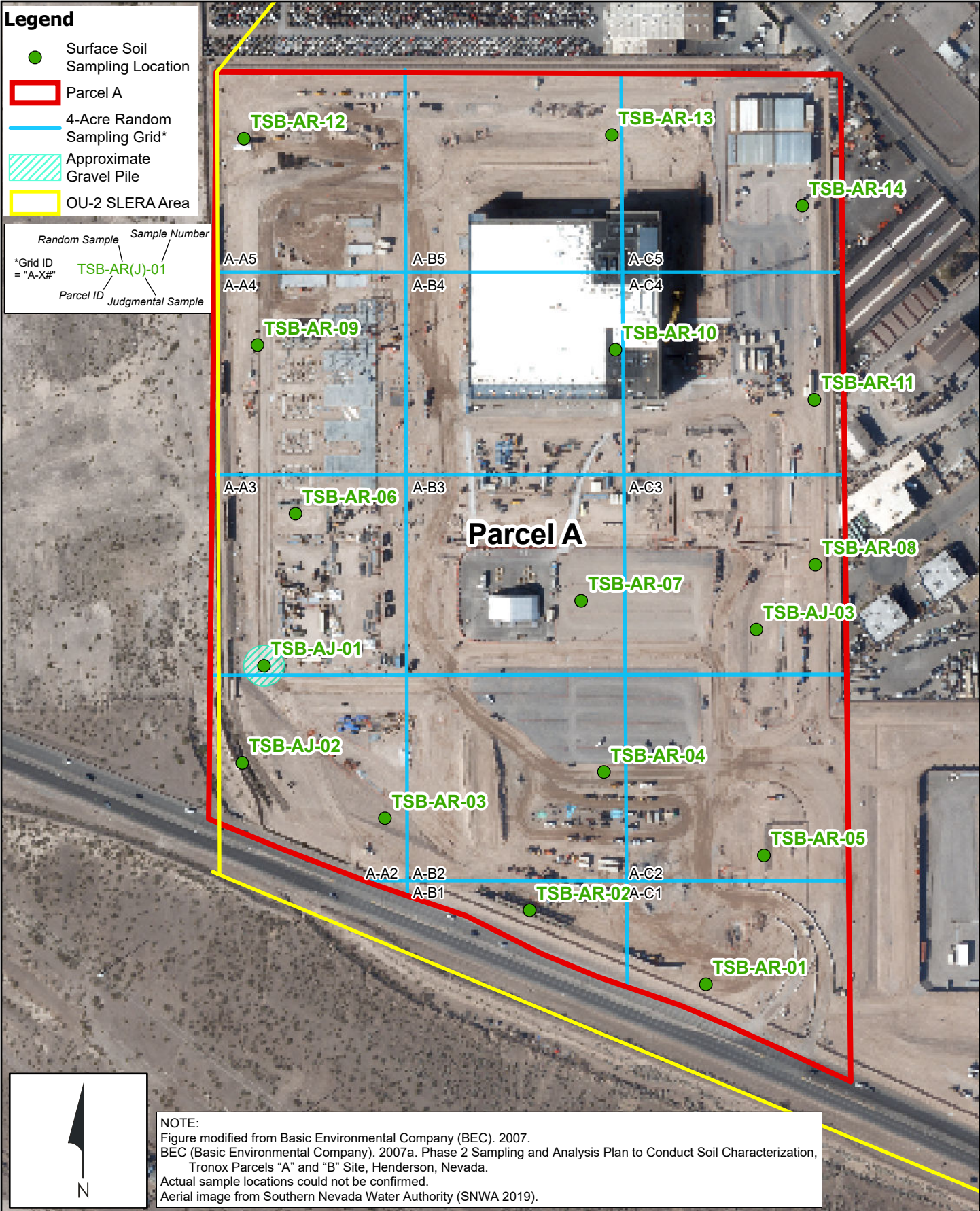
- Parcel A
- Parcel B

Kerr McGee (1999) and ENSR (2007) Surface Soil Sampling Locations in the OU-2 SLERA Area
 Nevada Environmental Response Trust Site, Henderson, Nevada

Figure
2-4



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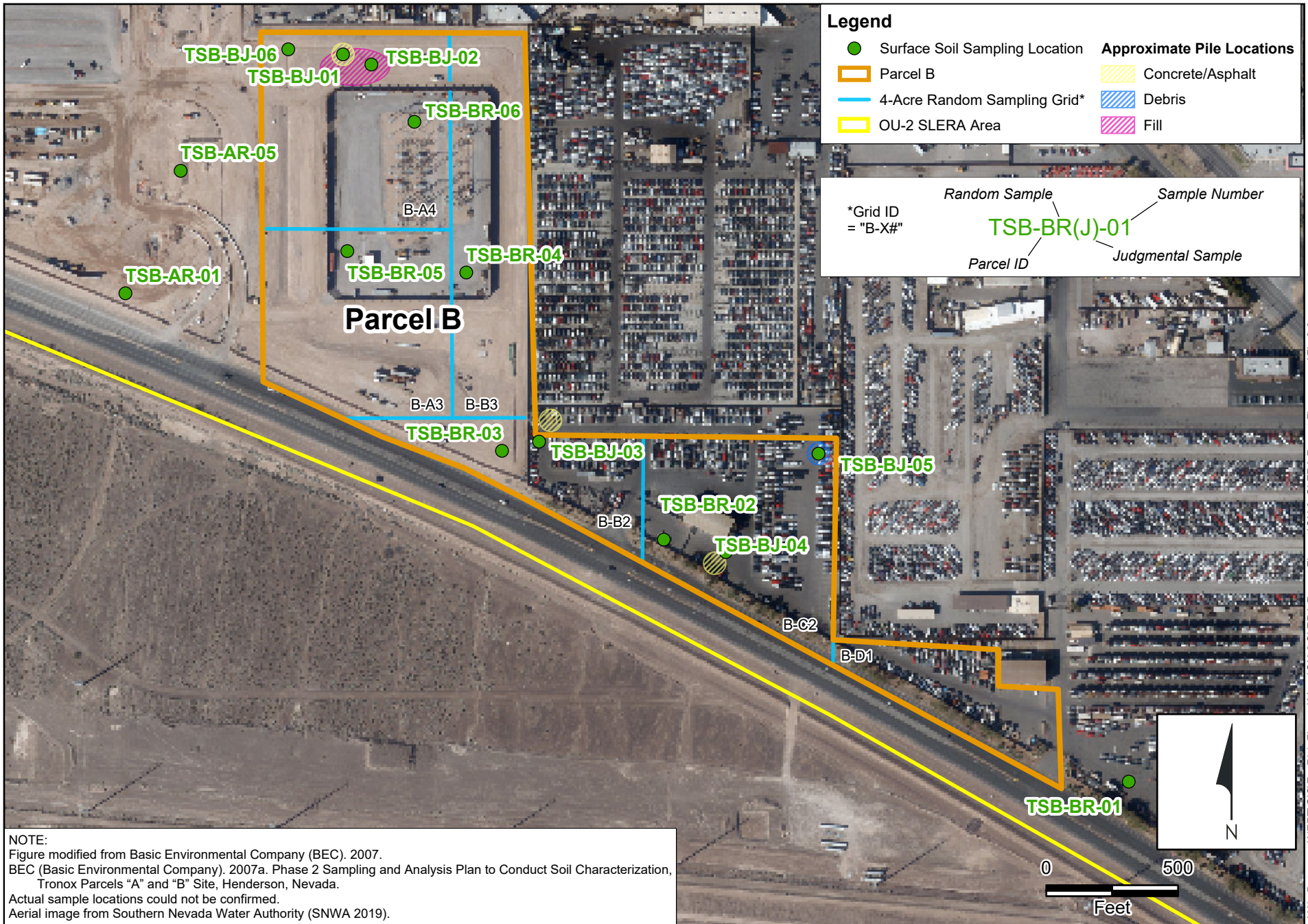
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BEC 2007 Soil Sample Locations - Parcel A
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
2-5

Drafter: EF/MS Date: 2021-07-29 Contract Number: 1690020169 Approved by: Revised:



NOTE:
 Figure modified from Basic Environmental Company (BEC). 2007.
 BEC (Basic Environmental Company). 2007a. Phase 2 Sampling and Analysis Plan to Conduct Soil Characterization, Tronox Parcels "A" and "B" Site, Henderson, Nevada.
 Actual sample locations could not be confirmed.
 Aerial image from Southern Nevada Water Authority (SNWA 2019).

BEC 2007 Soil Sample Locations - Parcel B
 Nevada Environmental Response Trust Site
 Henderson, Nevada



Figure
2-6

Drafter: RS/MS

Date: 2021-07-29

Contract Number: 1690020169

Approved by:

Revised:

Path: H:\LePetomane\NER\GIS\EcoRisk Figures\Maps\OU-2 SLERA Report Figures\OU-2_SLERA Report Figures.aprx\Fig 2-6



SNWA 2019 aerial image



SNWA 2020 aerial image

Samples for Parcel A and Parcel B were collected between 2006 and 2007. To the left are two aerial photographs. The one to the left overlays the Parcel A sample locations onto a 2019 aerial photograph obtained from the Southern Nevada Water Authority. The aerial photograph to the right is the the Southern Nevada Water Authority's 2020 imagery.

The complex depicted as being constructed is a data center for Google. Based on the most recent aerial photograph, some samples are depicted as currently being under asphalt or gravel, or under buildings or other structures. Presumably, in the future, all locations will be under some sort of structure (building, concrete, or asphalt) thereby eliminating or reducing any remaining ecological risk in Parcel A. As a conservative measure and to preserve the sample size of the OU-2 dataset, all Parcel A samples locations were considered in the refined HQ evaluation.

Current and Future Land Use for Parcel A Compared to OU-2 Sample Locations
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
2-7



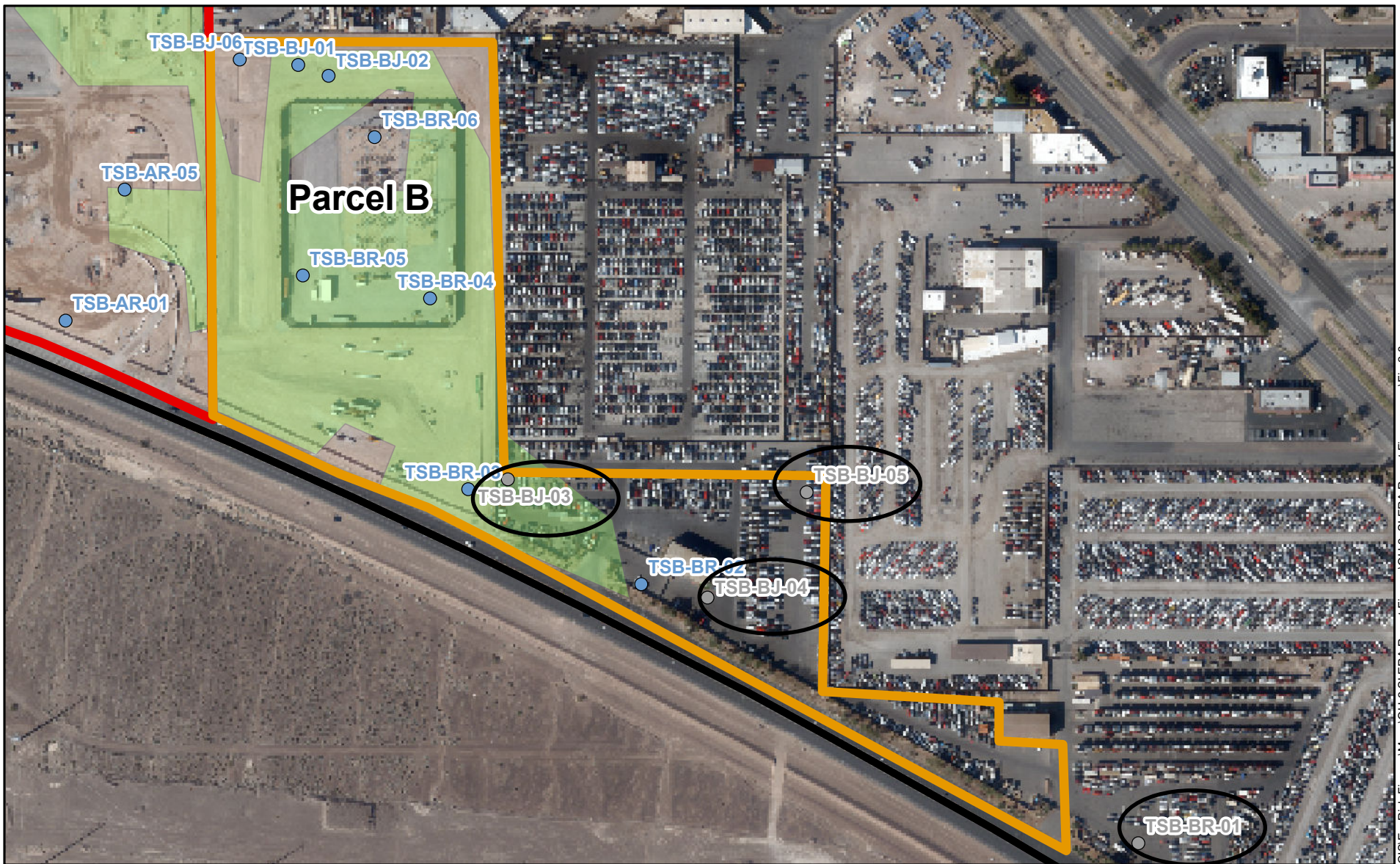
Drafter: RS/MS

Date: 2021-07-29

Contract Number: 1690020169

Approved by:

Revised:



Samples for Parcel B were collected between 2006 and 2007. As can be seen in the figure, the western portion of Parcel B is predominantly used as a gated gravel or concrete surfaced transformer area and the eastern portion of BEC Parcel B is predominantly an asphalt-covered parking area. Four locations within the paved parking areas (TSB-BR-01, TSB-BJ-03, TSB-BJ-04, and TSB-BJ-05) were removed from the dataset for the refined evaluation, as ecological exposures do not occur for these paved locations.

Aerial image from Southern Nevada Water Authority (SNWA 2019).



Current and Future Land Use for Parcel B Compared to OU-2 Sample Locations
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
2-8

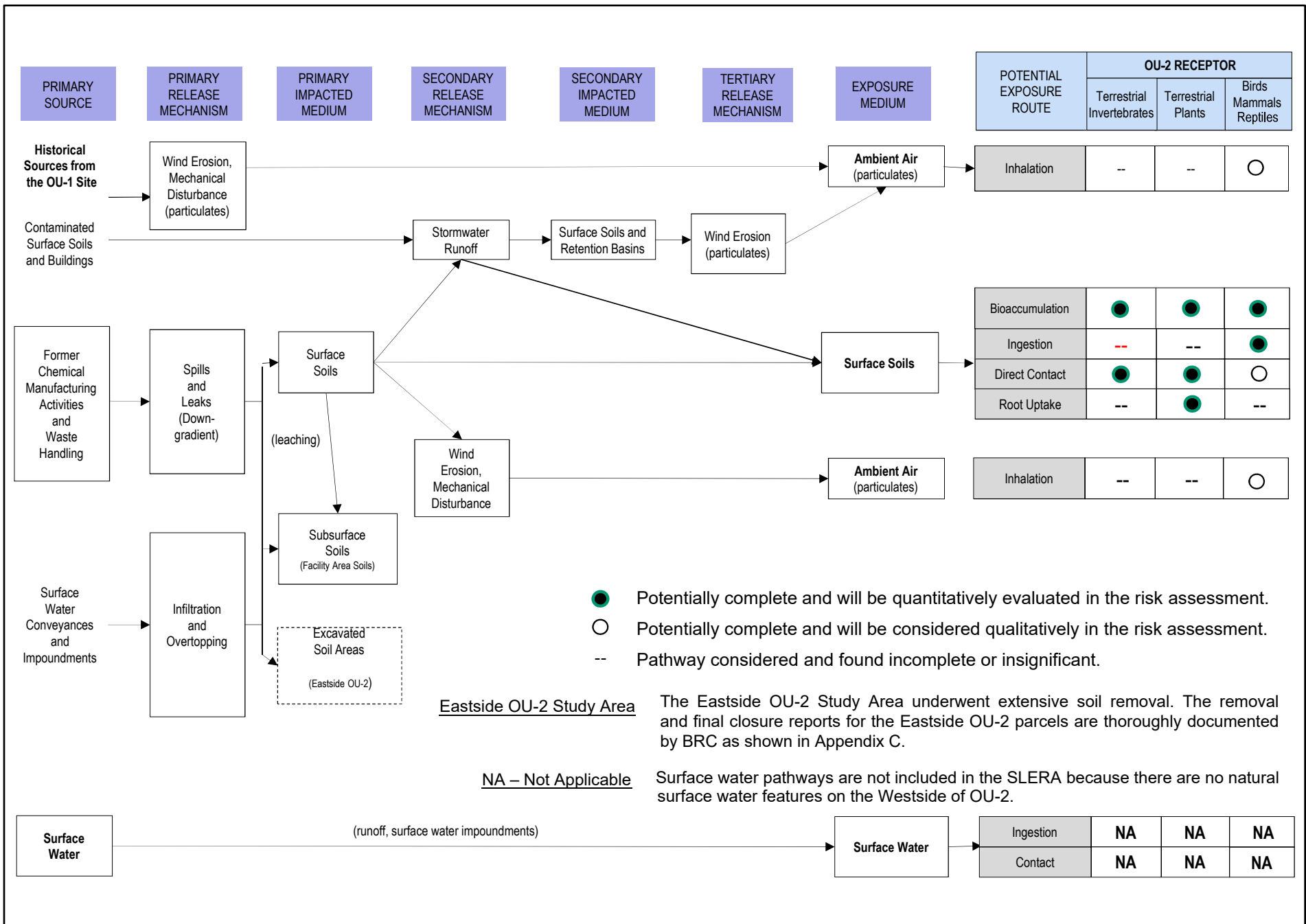
Drafter: JC

Date: 2021-07-29

Contract Number: 1690020169

Approved by:

Revised:

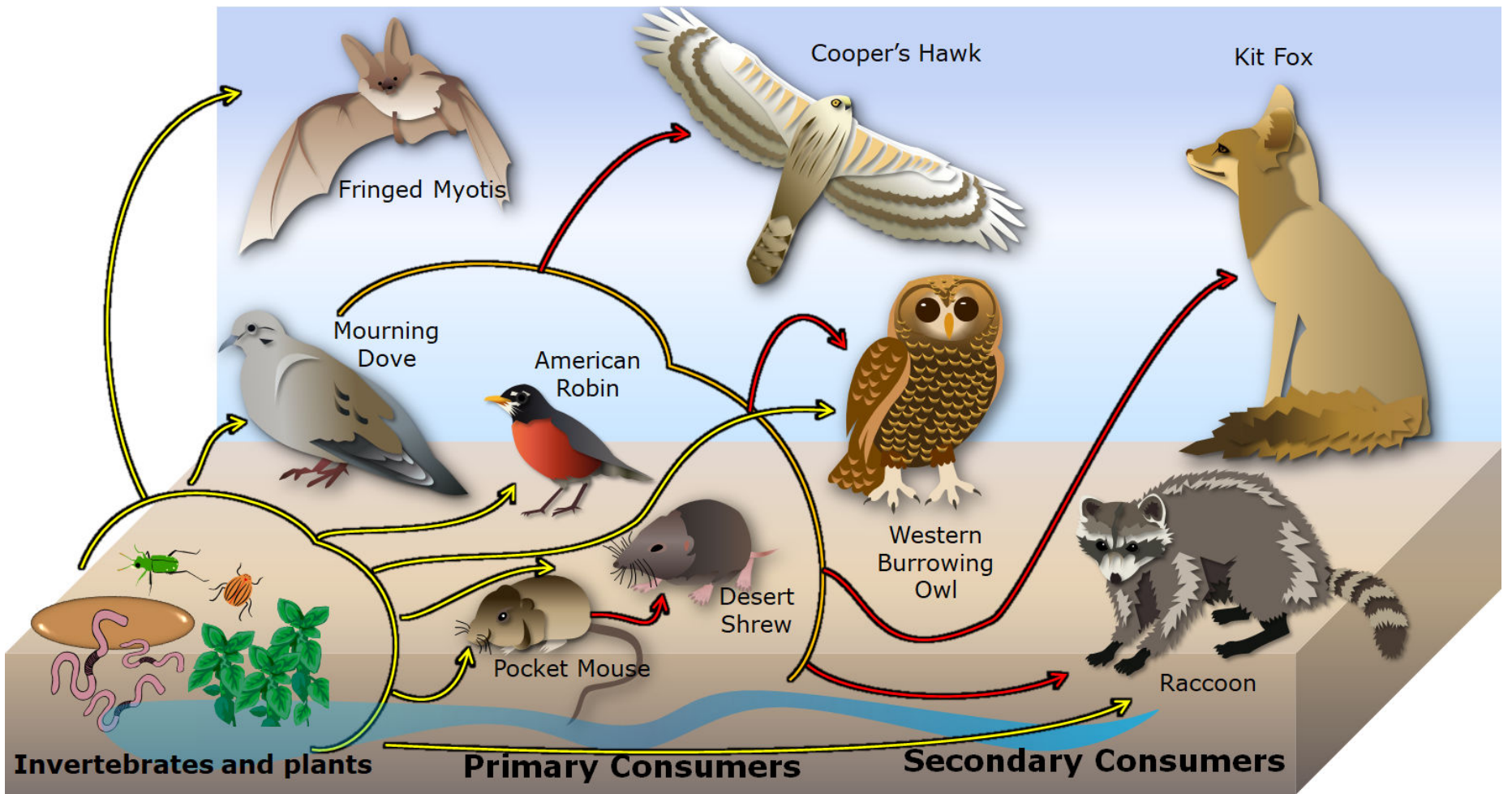


Ecological Conceptual Site Model for the OU-2 SLERA Area
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure 2-9

Drafter: LM/JC Date: 2021-08-03 Contract Number: 1690020169 Approved by: Revised:





Desert Food Web
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
2-10

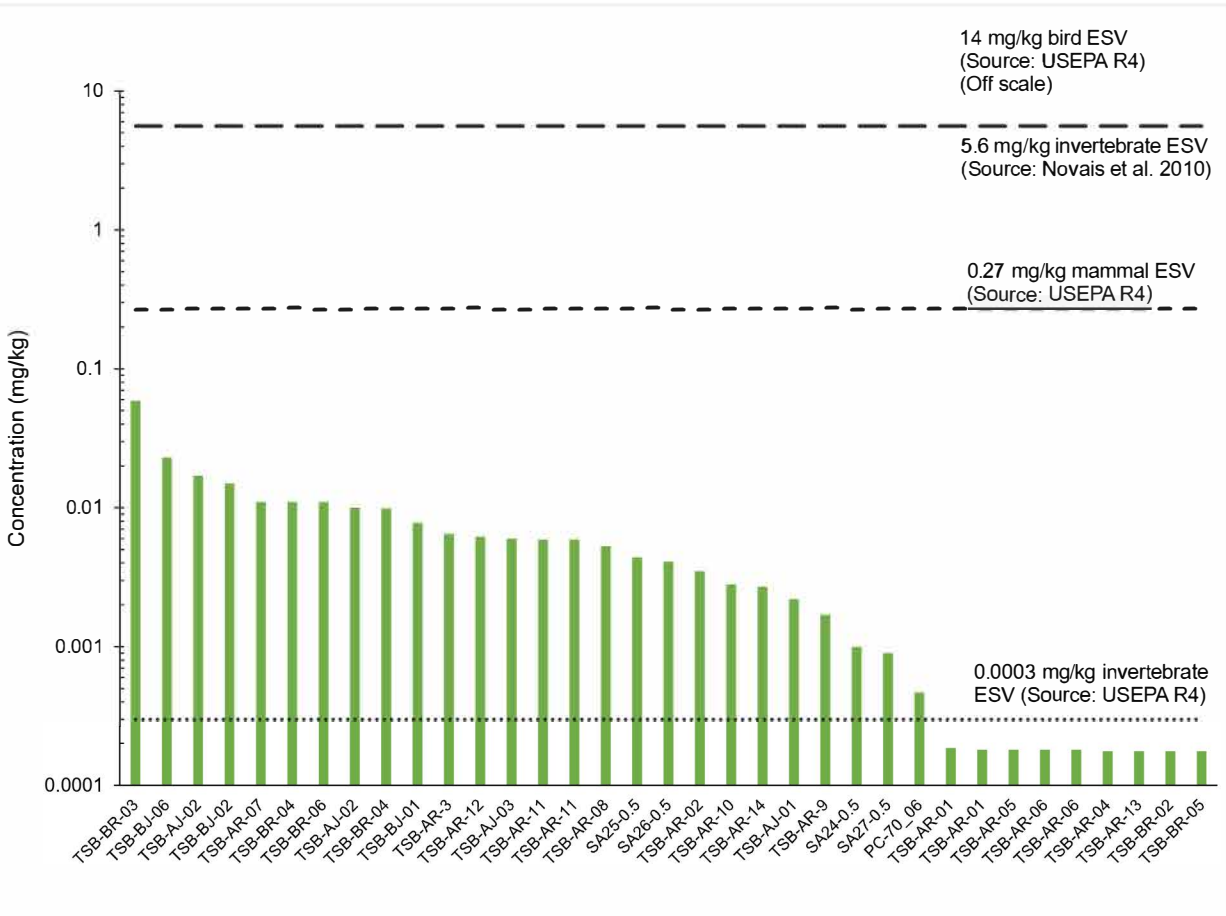
Drafter: PL/JC

Date: 2021-07-29

Contract Number: 1690020169

Approved by:

Revised:



ESV = Ecological screening value
 RSV = Refined screening value
 USEPA = United States Environmental Protection Agency
 mg/kg = Milligram per kilogram
 R4 = Region 4

Novais et al. 2010, study shows a reproductive NOEL of 18 mg/kg and a mortality no observable effects level (NOEL) of 5.6 mg/kg was reported for the potworm (soil invertebrate) after a 42-day exposure; the lower mortality endpoint is used

Beta-BHC Concentrations per Location in the OU-2 SLERA Area
 Nevada Environmental Response Trust Site
 Henderson, Nevada

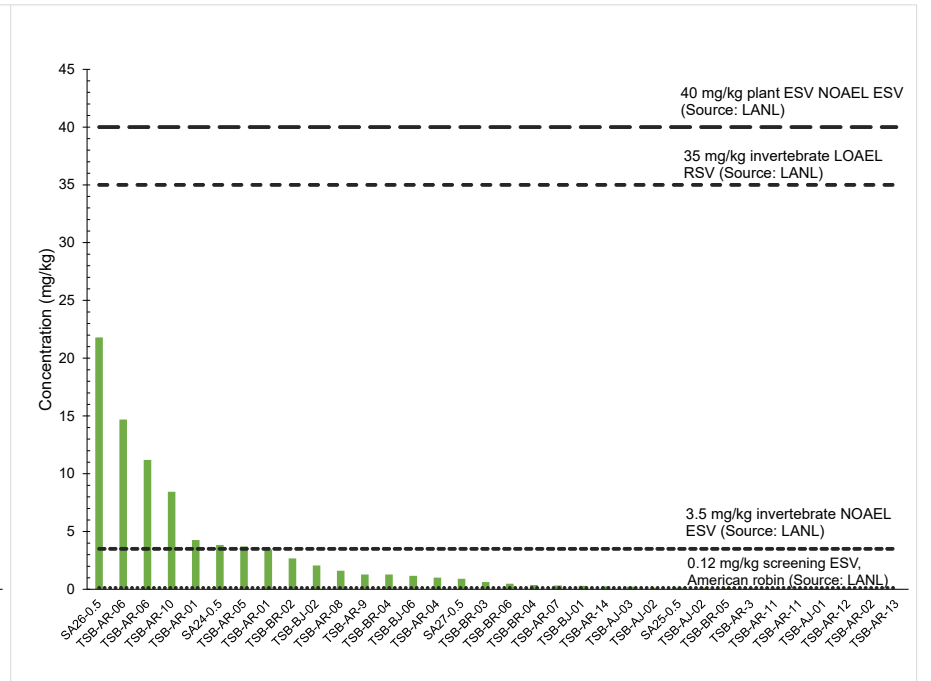
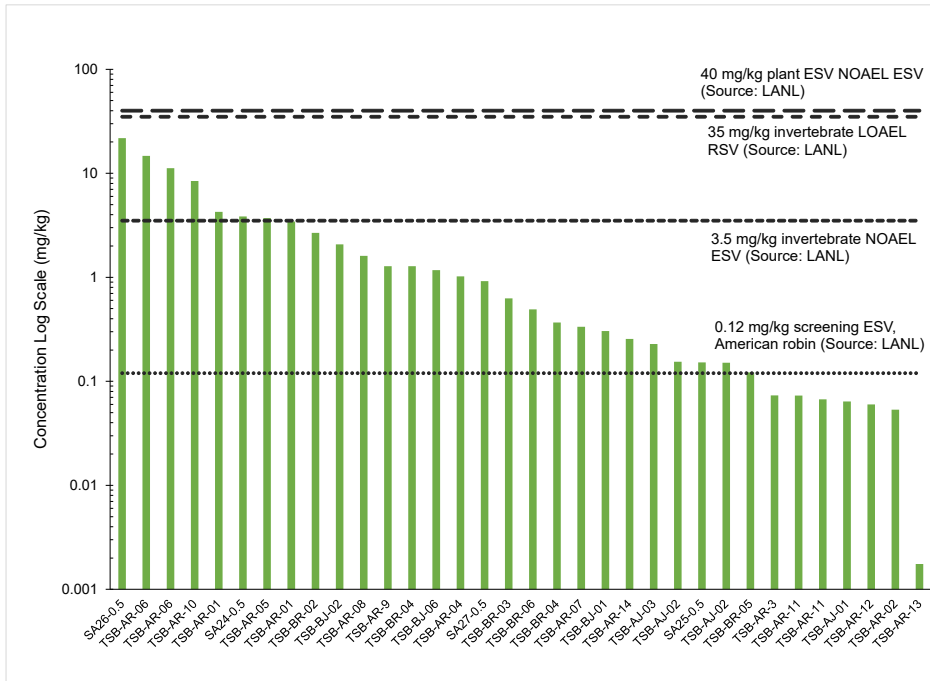


Figure
3-1

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Perchlorate in Soil (Log Normal Scale)

Perchlorate in Soil (Normal Scale)



ESV = Ecological screening value
 RSV = Refined screening value
 mg/kg = Milligram per kilogram
 NOAEL = No observable adverse effects level
 LOAEL = Lowest observable adverse effects level
 LANL = Los Alamos National Laboratory

Non-detected concentrations treated as one-half the laboratory detection limit.



Perchlorate Concentrations per Location in the OU-2 SLERA Area
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
3-2

Drafter: LM/JC

Date: 2021-08-03

Contract Number: 1690020169

Approved by:

Revised:

APPENDICES

APPENDIX A
USEPA ECOLOGICAL SITE VISIT CHECKLIST FOR OU-2

CHECK LIST FOR ECOLOGICAL ASSESSMENT/SAMPLING

Introduction

The checklist that follows provides guidance in making observations for an ecological assessment. It is not intended for limited or emergency response actions (e.g., removal of a few drums) or for purely industrial settings with no discharges. The checklist is a screening tool for preliminary site evaluation and may also be useful in planning more extensive site investigations. It must be completed as thoroughly as time allows. The results of the checklist will serve as a starting point for the collection of appropriate biological data to be used in developing a response action. It is recognized that certain questions in this checklist are not universally applicable and that site-specific conditions will influence interpretation. Therefore, a site synopsis is requested to facilitate final review of the checklist by a trained ecologist.

Checklist

The checklist has been divided into sections that correspond to data collection methods and ecosystem types. These sections are:

- I. Site Description
 - IA. Summary of Observations and Site Setting
- II. Terrestrial Habitat Checklist
 - IIA. Wooded
 - IIB. Shrub/Scrub
 - IIC. Open Field
 - IID. Miscellaneous
- III. Aquatic Habitat Checklist - Non-Flowing Systems
- IV. Aquatic Habitat Checklist - Flowing Systems
- V. Wetlands Habitat Checklist

Checklist for Ecological Assessment/Sampling

I. SITE DESCRIPTION

1. Site Name: Nevada Environmental Trust Site Operable Unit 02
Location: Henderson, Nevada
Black Mountain Industrial, Lake Mead Parkway
County: Clark City: Henderson State: Nevada

✓ 2. Latitude: _____ Longitude: _____

✓ 3. What is the approximate area of the site: _____

4. Is this the first site visit? 9 Yes 9 No If no, attach trip report of previous site visit(s), if available.
Date(s) of previous site visit(s): December 10-11, 2015

✓ 5. Please attach to the checklist USGS topographic map(s) of the site, if available.

6. Are aerial or other site photographs available? 9 Yes 9 No. If yes, please attach any available photo(s) to the site map at the conclusion of this section.

A photo log is provided as Appendix B for OU2 (eastside + westside).

A photo log for OU1 is provided as Appendix B in the Refined SLEPA Work Plan. Maps are also provided.

7. The land use of the site is:

The area surrounding the site is: _____ mile radius

Eastside
OU2

Westside
OU2

10 % Urban

30 % Urban

____ % Rural

____ % Rural

20 %

75 % Residential

20 % Residential

10 % Industrial (light heavy)

50 % Industrial (light heavy)

____ % Agricultural

____ % Agricultural

(Crops: Ø)

(Crops: _____)

5 % Recreational

____ % Recreational

(Describe: note if it is a park etc.)

(Describe: note if it is a park, etc.)

____ % Undisturbed

____ % Undisturbed

____ % Other

____ % Other

8. Has any movement of soil taken place at the site? Yes No. If yes, please identify the most likely cause of this disturbance:

Agricultural Use

Heavy Equipment

Mining

Natural Events

Erosion

Other

Please describe:

Contaminated soil has been removed from the Eastside
OU2.

Soil has not been removed from the Westside
of OU2 as the Westside had established
neighborhoods + light industry.

9. Do any potential sensitive environmental areas exist adjacent to or in proximity to the site, e.g., Federal and State parks, National and State monuments, wetlands, prairie potholes?
Remember, flood plains and wetlands are not always obvious; do not answer "no" without confirming information.

Las Vegas Wash (approx. 1-3 miles from OU2), Clark County Wetlands Park (approx 5-6 miles from OU2), Henderson Bird Viewing Preserve (approx. 4-6 miles from OU2).

Please provide the source(s) of the information used to identify these sensitive areas, and indicate their general location on the site map.

Google Earth, USGS Topo maps, area maps, site maps, Clark County Multi Species Habitat Conservation Plan

10. What type of facility is located at the site?

OU1 Chemical Manufacturing Mixing Waste disposal
 Other (specify) OU2 - residential and residential development

11. What are the suspected contaminants of concern at the site? If know, what are the maximum concentration levels?

OU1 → perchlorate, metals, dioxins, PAHs, Chloroform
 OU2 → light industry chemicals only

12. Check any potential routes of off-site migration of contaminants observed at the site:

Swales Depressions Drainage ditches from OU2
 Runoff Windblown particulates Vehicular traffic
 Other (specify) _____

13. If known, what is the approximate depth to the water table? _____

14. Is the direction of surface runoff apparent from site observations? yes no. If yes, to which of the following does the surface runoff discharge? Indicate all that apply.

Surface water Groundwater Sewer Collection impoundment

15. Is there a navigable waterbody or tributary to a navigable waterbody? yes no

The facility area was graded so that stormwater would be captured on-site. There are also two main designated retention basins and a drainage channel to collect stormwater.

16. Is there a waterbody anywhere on or in the vicinity of the site? If yes, also complete Section III: Aquatic Habitat Checklist – Non-Flowing Systems and/or Section IV: Aquatic Habitat Checklist – Flowing Systems.

9 yes (approx. distance _____)

no

The only waterbody on OU2 is a man made pond for the Cadence development.

17. Is there evidence of flooding? 9 yes no Wetlands and flood plains are not always obvious; do not answer "no" without confirming information. If yes, complete Section V: Wetland Habitat Checklist.

18. If a field guide was used to aid any of the identifications, please provide a reference. Also, estimate the time spent identifying fauna. [Use a blank sheet if additional space is needed for text.]

- The site recon for OU1 + OU2 was conducted by a certified biologist.
- The Peterson Field Guides were used during each of the Site Recon.

19. Are any threatened and/or endangered species (plant or animal) known to inhabit the area of the site? 9 yes no If yes, you are required to verify this information with the U.S. Fish and Wildlife Service. If species' identities are known, please list them next.

There are currently three federally listed species (threatened/ endangered) in the vicinity of the study areas. These include the desert tortoise, southwest willow flycatcher, yellow-billed cuckoo and the Yuma Clapper rail. These species may be found at Clark Co Wetlands Park, the Las Vegas Wash or the City of Henderson bird preserve but are not expected in or around the OU2 study areas due to the lack of riparian habit and highly disturbed character of OU2.

20. Record weather conditions at the time this checklist was prepared:

Date: April 23, 2018

~ 80 Temperature (EC/°F)

71° F Normal daily high temperature

7 mph NW Wind (direction/speed)

0 Precipitation (rain, snow)

10% Cloud cover

II TERRESTRIAL HABITAT CHECKLIST

IIA. WOODED

1. Are there any wooded areas at the site? 9 yes no If no, go to Section IIB: Shrub/Scrub.

2. What percentage or area of the site is wooded? (_____ % _____ acres). Indicate the wooded area on the site map which is attached to a copy of this checklist. Please identify what information was used to determine the wooded area of the site.

N/A The only vegetation is occasional and spotty desert scrub. Several planted trees in

3. What is the dominant type of vegetation in the wooded area? (Circle one: Evergreen/Deciduous/Mixed) Provide a photograph, if available. Pittman Neighborhood

Dominant plant, if known: N/A

4. What is the predominant size of the trees at the site? Use diameter at breast height.

9 0 - 6 in. 9 6 - 12 in. 9 >12 in. N/A

5. Specify type of understory present, if known. Provide a photograph, if available.

Photos of the desert scrub vegetation is provided in the photo log Appendix B.

IIB. SHRUB/SCRUB

1. Is shrub/scrub vegetation present at the site? yes no If no, go to Section IIC: Open Field.

2. What percentage of the site is covered by scrub/shrub vegetation? (5 % _____ acres). Indicate the areas of shrub/scrub on the site map. Please identify what information was used to determine this area.

Scrub occurs intermittently but sparsely across the OU2 Study area. Highly infrequent in the Westside OU2 area that is residential/light industry.

3. What is the dominant type of scrub/shrub vegetation, if known? Provide a photograph, if available.

Creosote bush, desert scrub, sagebrush

4. What is the approximate average height of the scrub/shrub vegetation?

0 - 2 ft. 9 2 - 5 ft. 9 > 5 ft.

5. Based on site observations, how dense is the scrub/shrub vegetation?

9 Dense

9 Patchy

9 Sparse

very sparse

IIC. OPEN FIELD

1. Are there open (bare, barren) field areas present at the site? 9 yes 9 no If yes, please indicate the type below:

9 Prairie/plains

9 Savannah

9 Old field

9 Other (specify) _____

2. What percentage of the site is open field? (_____ % _____ acres). Indicate the open fields on the site map.

3. What is/are the dominant plant(s)? Provide a photograph, if available.

No open fields - see Appendix B.

4. What is the approximate average height of the dominant plant? N/A

5. Describe the vegetation cover: 9 Dense 9 Sparse 9 Patchy

IID. MISCELLANEOUS

1. Are other types of terrestrial habitats present at the site, other than woods, scrub/shrub, and open field? 9 yes 9 no If yes, identify and describe them below.

2. Describe the terrestrial miscellaneous habitat(s) and identify these area(s) on the site map.

See the photos provided as Appendix B in the Ouz SLERA Work Plan.

3. What observations, if any, were made at the site regarding the presence and/or absence of insects, fish, birds, mammals, etc.?

A coyote and small songbirds were observed.
There are no waterbodies so no fish were observed.
Insects were nearly nonexistent.

4. Review the questions in Section I to determine if any additional habitat checklists should be completed for this site.

N/A.

III AQUATIC HABITAT CHECKLIST

Note: Aquatic systems are often associated with wetland habitats. Please refer to Section V, Wetland Habitat Checklist.

1. What type of open-water, non-flowing system is present at the site?

9 Natural (pond, lake)

9 Artificially created (lagoon, reservoir, canal, impoundment)

Pond as landscape feature at Cadence development

2. If known, what is the name(s) of the waterbody(ies) on or adjacent to the site?

Cadence Pond

3. If a waterbody is present, what are its known uses (e.g., recreation, navigation, etc.)?

Aesthetics

4. What is the approximate size of the waterbody(ies)? < 1 acre(s).

5. Is any aquatic vegetation present? 9 yes 9 no If yes, please identify the type of vegetation present if known.

9 Emergent

9 Submergent

9 Floating

The only vegetation is the landscaping around the pond

6. If known, what is the depth of the water? unknown

7. What is the general composition of the substrate? Check all that apply.

9 Bedrock

9 Sand (coarse)

9 Muck (find/black)

9 Boulder (>10 in.)

9 Silt (fine)

9 Debris

9 Cobble (2.5 - 10 in.)

9 Marl (shells)

9 Detritus

9 Gravel (0.1 - 2.5 in.)

9 Clay (slick)

9 Concrete

9 Other (specify) _____

8. What is the source of water in the waterbody?

9 River/Stream/Creek

9 Groundwater

9 Industrial discharge

9 Surface runoff

9 Other (specify) unknown

9. Is there a discharge from the site to the waterbody? 9 yes 9 no If yes, please describe this discharge and its path.

10. Is there a discharge from the waterbody? 9 yes 9 no If yes, and the information is available, identify from the list below the environment into which the waterbody discharges.

- | | | | |
|----------------------|----------|-----------|----------------|
| 9 River/Stream/Creek | 9 onsite | 9 offsite | Distance _____ |
| 9 Groundwater | 9 onsite | 9 offsite | |
| 9 Wetland | 9 onsite | 9 offsite | Distance _____ |
| 9 Impoundment | 9 onsite | 9 offsite | |

11. Identify any field measurements and observations of water quality that were made. For those parameters for which data were collected provide the measurement and the units of measure below:

- Area
- Depth (average)
- Temperature (depth of the water at which the reading was taken) _____
- pH
- Dissolved oxygen
- Salinity
- Turbidity (clear, slightly turbid, turbid, opaque) (Secchi disk depth _____)
- Other (specify)

No measurements of this man-made pond were made during the site recon.

12. Describe observed color and area of coloration.

Dark

13. Mark the open-water, non-flowing system on the site map attached to this checklist.

N/A

14. What observations, if any, were made at the waterbody regarding the presence and/or absence of benthic macroinvertebrates, fish, birds, mammals, etc.?

No organisms were observed. No wildlife was observed as characteristics of pond + landscaped vegetation was non-native or artificially landscaped.

IV AQUATIC HABITAT CHECKLIST – FLOWING SYSTEMS

Not Applicable

Note: Aquatic systems are often associated with wetland habitats. Please refer to Section V, Wetland Habitat Checklist.

1. What type(s) of flowing water system(s) is (are) present at the site? None
- | | | |
|---|--|-------------------------------------|
| <input type="checkbox"/> River | <input type="checkbox"/> Stream | <input type="checkbox"/> Creek |
| <input type="checkbox"/> Dry wash | <input type="checkbox"/> Arroyo | <input type="checkbox"/> Brook |
| <input type="checkbox"/> Artificially created (ditch, etc.) | <input type="checkbox"/> Intermittent Stream | <input type="checkbox"/> Channeling |
| <input type="checkbox"/> Other (specify) _____ | | |
2. If known, what is the name of the waterbody? _____
3. For natural systems, are there any indicators of physical alteration (e.g. channeling, debris, etc.)? yes no If yes, please describe indicators that were observed.
4. What is the general composition of the substrate? Check all that apply.
- | | | |
|---|--|--|
| <input type="checkbox"/> Bedrock | <input type="checkbox"/> Sand (coarse) | <input type="checkbox"/> Muck (find/black) |
| <input type="checkbox"/> Boulder (>10 in.) | <input type="checkbox"/> Silt (fine) | <input type="checkbox"/> Debris |
| <input type="checkbox"/> Cobble (2.5 - 10 in.) | <input type="checkbox"/> Marl (shells) | <input type="checkbox"/> Detritus |
| <input type="checkbox"/> Gravel (0.1 - 2.5 in.) | <input type="checkbox"/> Clay (slick) | <input type="checkbox"/> Concrete |
| <input type="checkbox"/> Other (specify) _____ | | |
5. What is the condition of the bank (e.g., height, slope, extent of vegetative cover)?
6. Is the system influenced by tides? yes no What information was used to make this determination?

7. Is the flow intermittent? 9 yes 9 no If yes, please note the information that was used in making this determination.

8. Is there a discharge from the site to the waterbody? 9 yes 9 no If yes, please describe the discharge and its path.

9. Is there a discharge from the waterbody? 9 yes 9 no If yes, and the information is available, please identify what the waterbody discharges to and whether the discharge is on site or off site.

10. Identify any field measurements and observations of water quality that were made. For those parameters for which data were collected, provide the measurement and the units of measure in the appropriate space below:

- _____ Area
- _____ Depth (average)
- _____ Temperature (depth of the water at which the reading was taken) _____
- _____ pH
- _____ Dissolved oxygen
- _____ Salinity
- _____ Turbidity (clear, slightly turbid, turbid, opaque) (Secchi disk depth _____)
- _____ Other (specify)

11. Describe observed color and area of coloration.

12. Is any aquatic vegetation present? yes no If yes, please identify the type of vegetation present, if know.

Emergent

Submergent

Floating

13. Mark the flowing water system on the attached site map.

14. What observations were made at the waterbody regarding the presence and/or absence of benthic macroinvertebrates, fish, birds, mammals, etc.?

V. WETLAND HABITAT CHECKLIST

1. Based on observation and/or available information, are designated or known wetland definitely present at the site? yes no *No wetland is present at the site*

Please note the sources of observations and information used (e.g., USGS Topographic Maps, National Wetland Inventory, Federal or State Agency, etc.) To make this determination.

Site Reconnaissance, Google Earth Maps, historical documents, site/area reports

2. Based on the location of the site (e.g., along a waterbody, in a floodplain) and site conditions (e.g. standing water, dark, wet soils; mud cracks; debris line; water marks), are wetland habitats suspected? yes no *If yes, proceed with the remainder of the wetland habitat identification checklist.*

3. What type(s) of vegetation are present in the wetland? *N/A*

Submergent Emergent Scrub/Shrub Wooded
 Other (specify) _____

4. Provide a general description of the vegetation present in and around the wetland (height, color, etc.). Provide a photograph of the known or suspected wetlands, if available.

5. Is standing water present? yes no *If yes, is water: Fresh Brackish*
What is the approximate area of the water (sq. ft.) _____
Please complete questions 4, 11, 12 in Checklist III - Aquatic Habitat - Non-Flowing Systems.

6. Is there evidence of flooding at the site? What observations were noted?

Buttressing Water marks Mud cracks
 Debris line Other (describe below)

7. If known, what is the source of the water in the wetland? N/A
- 9 Stream/River/Creek/Lake/Pond 9 Groundwater
- 9 Flooding 9 Surface Runoff

8. Is there a discharge from the site to a known or suspected wetland? 9 yes 9 no If yes, please describe.

Potential impacted groundwater discharged from the OUI site to surface water at Las Vegas Wash (2.5 miles). Mitigation measures in the form of extraction + treatment system is in place.

9. Is there a discharge from the wetland? 9 yes 9 no If yes, to what waterbody is discharge released?

9 Surface Stream/River 9 Groundwater 9 Lake/Pond 9 Marine

10. If a soil sample was collected, describe the appearance of the soil in the wetland area. Circle or write in the best response. Only historical soil samples will be used
- Color (blue/grey, brown, black, mottled) in the OUI SLEEA.
- Water content (dry, wet, saturated/unsaturated) _____

11. Mark the observed area(s) on the attached site map.

Historical sampling locations are shown on Figure 2-4.

APPENDIX B

APRIL 2018 SITE RECONNAISSANCE PHOTO LOG FOR OU-2

APPENDIX B-1
EASTSIDE SUB-AREA PHOTO LOG

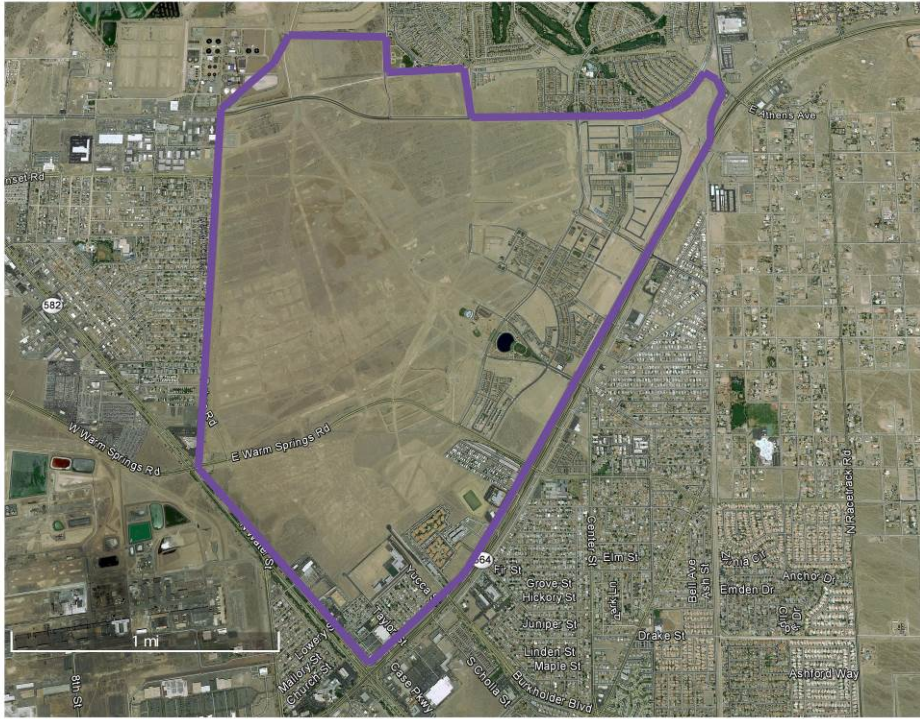


Photo 1: Overview of the Eastside Sub-Area Within OU-2.



Photo 2: Prelude at the Park Apartments. Entrance is just off Lake Mead Pkwy (south end of OU-2) at the corner of Grand Cadence Dr. and Saguaro St.



Site Photographs
Eastside Sub-Area
Nevada Environmental Response Trust Site
Henderson, Nevada



Photo 3: Pincrest Academy (Cadence Campus) 225 Grande Cadence Dr. across from the south end of OU-2.



Photo 4: Excavated areas near former BMI ponds.



Site Photographs
Eastside Sub-Area
Nevada Environmental Response Trust Site
Henderson, Nevada



Photo 5: Excavated areas near former BMI ponds.



Photo 6: Eastside Sub-Area looking south showing soil removal areas.



Site Photographs
Eastside Sub-Area
Nevada Environmental Response Trust Site
Henderson, Nevada



Photo 7: Eastside Sub-Area looking south.



Photo 8: Eastside Sub-Area – Future Cadence Master-Planned Community.



Site Photographs
Eastside Sub-Area
Nevada Environmental Response Trust Site
Henderson, Nevada



Photo 9: Eastside Sub-Area – Future Cadence Master-Planned Community.



Photo 10: Eastside Sub-Area – Future Cadence Master-Planned Community.



Site Photographs
Eastside Sub-Area
Nevada Environmental Response Trust Site
Henderson, Nevada



Photo 11: Sections of Eastside Sub-Area slated for the master-planned community.



Photo 12: Sections of Eastside Sub-Area slated for the master-planned community.



Site Photographs
Eastside Sub-Area
Nevada Environmental Response Trust Site
Henderson, Nevada



Photo 13: Sections of Eastside Sub-Area slated for the master-planned community.



Photo 14: Looking East across Eastside Sub-Area.



Site Photographs
Eastside Sub-Area
Nevada Environmental Response Trust Site
Henderson, Nevada

APPENDIX B-2
NERT OFF-SITE STUDY AREA PHOTO LOG



Photo 1: Overview of NERT Off-Site Study Area in OU-2



Photo 2: Illustration of residential neighborhood in the NERT Off-Site Study Area in OU-2



Site Photographs
NERT Off-Site Study Area
Nevada Environmental Response Trust Site
Henderson, Nevada



Photos 3 and 4: Illustration of residential neighborhood in the NERT Off-Site Study Area in OU-2



Site Photographs
NERT Off-Site Study Area
Nevada Environmental Response Trust Site
Henderson, Nevada



Photos 5 and 6: Illustration of residential neighborhood and park -- NERT Off-Site Study Area in OU-2



Site Photographs
NERT Off-Site Study Area
Nevada Environmental Response Trust Site
Henderson, Nevada

APPENDIX C

ANALYTICAL DATA USED IN THE OU-2 SLERA

- C-1 ENSR and Kerr-McGee Shallow Soil Data used in the OU-2 SLERA
- C-2 BEC Tronox Parcels A-B Shallow Soil Data used in the OU-2 SLERA
- C-3 Calculation of Dioxin/Furan TEQs, Polycyclic Aromatic Hydrocarbon Mixture Totals and DDx Totals for use in the SLERA
- C-4 BRC/TIMET Background Dataset used for the OU-2 SLERA
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Screening Level Ecological Risk Assessment for OU-2
Nevada Environmental Response Trust
Henderson, Nevada

APPENDIX C-1
ENSR AND KERR-MCGEE SHALLOW SOIL DATA USED IN THE OU-2
SLERA

Table C-1 ENSR and Kerr-McGee Shallow Soil Data used in the OU-2 SLERA

**TABLE C-1. ENSR and Kerr-McGee Shallow Soil Data used in the OU-2 SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada**

Analyte Group	Analyte	CAS	Unit	Source				
				Kerr McGee (1999)	ENSR (2007)			
					PC-70	SA-24	SA-25	SA-26
				0.0 - 0.0 ft bgs	1.0 - 2.5 ft bgs	0.5 - 2.0 ft bgs	0.5 - 2.0 ft bgs	0.5 - 2.0 ft bgs
				6/23/1999	11/3/2006	11/3/2006	11/20/2006	11/2/2006
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	ng/kg	--	--	4.934	--	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	ng/kg	--	--	16.513	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	ng/kg	--	--	8.369	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	ng/kg	--	--	28.654	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	ng/kg	--	--	31.372	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	ng/kg	--	--	101.111	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	ng/kg	--	--	88.725 J	--	--
	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	ng/kg	--	--	145.395 J	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	ng/kg	--	--	216.329 J	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	ng/kg	--	--	139.916	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	ng/kg	--	--	441.621 J	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	ng/kg	--	--	408.013	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	ng/kg	--	--	64.621	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	ng/kg	--	--	157.601 J	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	ng/kg	--	--	1,181.817 J	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	ng/kg	--	--	544.7 J	--	--	
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	ng/kg	--	--	1,726.841 J	--	--	
General Chemistry	Alkalinity	ALK	g	--	343	1,390	330 J+	1,100
	Alkalinity (as CaCO ₃)	ALKA	g	--	<28.5	205	92.2 J+	53.0
	Ammonia (as N)	7664-41-7 0	g	--	<0.63	<0.62	0.59 UJ	<0.58
	Bromide	24959-67-9	g	--	<0.58	<0.56	<0.54	<0.52
	Chlorate	14866-68-3	g	--	5.1 J-	1.1 UJ	1.1 UJ	6.3 J-
	Chloride	16887-00-6	g	--	467	7.3	14.2 J	531
	Cyanide (total)	57-12-5	g	--	<0.14	<0.14	--	<0.13
	Hydrogen carbonate	71-52-3	g	--	320	1,180	238 J+	1,050
	Nitrate (as N)	14797-55-8_N	g	--	19.4	0.83 J	0.53 J	2.9 J
	Nitrite	14797-65-0	g	--	3.3	0.10 J	0.27	4.2 J-
	Organic Halides (total)	TOH	g	180 J	--	--	--	--
	Perchlorate	14797-73-0	µg/kg	--	3,840	152	21,800	918
	ortho-Phosphate	11-36-9	g	--	1.7 J	<1.1	<1.1	<1.0
	Sulfate	14808-79-8	g	--	159	15.2	183	22.5
	Total Organic Carbon	TOC	g	335	2,700	14,500	3,700 J-	5,200
Metals	Aluminum	7429-90-5	g	--	6,630 J	5,770 J	8,130	7,210 J
	Antimony	7440-36-0	g	--	0.15 J-	0.15 J-	0.21 J-	0.15 J-
	Arsenic	7440-38-2	g	--	2.1	2.9	3.1	2.3
	Barium	7440-39-3	g	--	148 J	146 J	186 J-	162 J
	Beryllium	7440-41-7	g	--	0.45	0.40	0.49 J-	0.45
	Boron	7440-42-8	g	--	4.0 J	4.0 J	11.1 J	7.3 J
	Cadmium	7440-43-9	g	--	0.086	0.13	0.23	0.092
	Calcium	7440-70-2	g	--	8,460 J	33,800 J	19,900	18,600 J
	Chromium (total)	7440-47-3	g	--	6.8 J-	5.7 J-	10.9 J-	7.9 J-
	Chromium VI	18540-29-9	g	--	<0.12	0.15 J	0.22	<0.10
	Cobalt	7440-48-4	g	--	5.7 J-	5.3 J-	6.1 J-	5.0 J-
	Copper	7440-50-8	g	--	11.8 J	12.1 J	13.1 J	10.1 J
	Iron	7439-89-6	g	--	10,900 J	7,850 J	13,100	9,850 J
	Lead	7439-92-1	g	--	7.9	9.8	12.6	8.8

**TABLE C-1. ENSR and Kerr-McGee Shallow Soil Data used in the OU-2 SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada**

Analyte Group	Analyte	CAS	Unit	Source				
				Kerr McGee (1999)	ENSR (2007)			
					PC-70	SA-24	SA-25	SA-26
				0.0 - 0.0 ft bgs	1.0 - 2.5 ft bgs	0.5 - 2.0 ft bgs	0.5 - 2.0 ft bgs	0.5 - 2.0 ft bgs
				6/23/1999	11/3/2006	11/3/2006	11/20/2006	11/2/2006
Metals	Magnesium	7439-95-4	g	--	5,050 J-	7,220 J-	7,110 J-	6,880 J-
	Manganese	7439-96-5	g	--	300 J+	447 J+	339	272 J+
	Mercury	7439-97-6	g	--	<0.0077	<0.0075	<0.0072	0.010 J
	Molybdenum	7439-98-7	g	--	0.43 J	0.63	1.1	0.43 J
	Nickel	7440-02-0	g	--	12.3 J	10.1 J	12.5 J-	12.3 J
	Platinum	7440-06-4	g	--	<0.012	<0.011	0.016 J	0.012 J
	Potassium	7440-09-7	g	--	2,560 J	2,430 J	2,900 J-	2,940 J
	Selenium	7782-49-2	g	--	<0.12	<0.12	0.12 J	<0.11
	Silver	7440-22-4	g	--	0.11 J	0.10 J	0.13 J	0.12 J
	Sodium	7440-23-5	g	--	440 J-	202 J	1,000 J-	429 J-
	Strontium	7440-24-6	g	--	127 J	187 J	134 J-	118 J
	Thallium	7440-28-0	g	--	0.084 J	0.20 J	0.20 J	0.14 J
	Tin	7440-31-5	g	--	0.53	0.50	0.68	0.46
	Titanium	7440-32-6	g	--	394 J	342 J	670	350 J
	Tungsten	7440-33-7	g	--	0.30 J-	0.98 J-	0.38 J	0.39 J-
	Uranium (total)	U-Total	g	--	0.74	0.87	0.88	0.85
	Vanadium	7440-62-2	g	--	21.5 J-	18.7 J-	37.1 J-	18.3 J-
	Zinc	7440-66-6	g	--	26.8 J-	26.7 J-	31.6 J-	26.4 J-
OCPs	Aldrin	309-00-2	g	--	<0.0020	<0.0019	<0.0018	<0.0018
	alpha-BHC	319-84-6	g	--	<0.0020	<0.0019	<0.0018	<0.0018
	beta-BHC	319-85-7	g	--	<0.0020	0.0044 J+	0.0041 J	<0.0018
	delta-BHC	319-86-8	g	--	<0.0020	<0.0019	<0.0018	<0.0018
	gamma-BHC	58-89-9	g	--	<0.0020	<0.0019	<0.0018	<0.0018
	Chlordane (total)	57-74-9	g	--	<0.012	<0.011	<0.011	<0.010
	alpha-Chlordane	5103-71-9	g	--	<0.0020	<0.0019	<0.0018	<0.0018
	gamma-Chlordane	5103-74-2	g	--	<0.0020	<0.0019	<0.0018	<0.0018
	2,4-D	94-75-7	µg/kg	<10	--	--	--	--
	2,4-DB	94-82-6	µg/kg	60	--	--	--	--
	4,4'-DDD	72-54-8	g	--	<0.0020	<0.0019	<0.0018	<0.0018
	4,4'-DDE	72-55-9	g	--	<0.0020	0.015 J+	<0.0018	<0.0018
	4,4'-DDT	50-29-3	g	--	<0.0020	0.010 J+	0.0018 UJ	<0.0018
	Dalapon	75-99-0	µg/kg	<26	--	--	--	--
	Dicamba	1918-00-9	µg/kg	2 J	--	--	--	--
	Dichloroprop	120-36-5	µg/kg	<10	--	--	--	--
	Dieldrin	60-57-1	g	--	<0.0020	<0.0019	<0.0018	<0.0018
	Dinoseb	88-85-7	µg/kg	<5.4	--	--	--	--
	Endosulfan I	959-98-8	g	--	<0.0020	<0.0019	<0.0018	<0.0018
	Endosulfan II	33213-65-9	g	--	<0.0020	<0.0019	<0.0018	<0.0018
	Endosulfan sulfate	1031-07-8	g	--	<0.0020	<0.0019	<0.0018	<0.0018
	Endrin	72-20-8	g	--	<0.0020	<0.0019	<0.0018	<0.0018
	Endrin aldehyde	7421-93-4	g	--	<0.0020	<0.0019	<0.0018	<0.0018
	Endrin ketone	53494-70-5	g	--	<0.0020	<0.0019	0.0018 UJ	<0.0018
	Heptachlor	76-44-8	g	--	<0.0020	<0.0019	<0.0018	<0.0018
	Heptachlor epoxide	1024-57-3	g	--	<0.0020	<0.0019	<0.0018	<0.0018
	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	94-74-6	µg/kg	1,200,000	--	--	--	--
	Mecoprop	7085-19-0	µg/kg	<5,400.00	--	--	--	--

**TABLE C-1. ENSR and Kerr-McGee Shallow Soil Data used in the OU-2 SLERA
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Analyte Group	Analyte	CAS	Unit	Source				
				Kerr McGee (1999)	ENSR (2007)			
					PC-70	SA-24	SA-25	SA-26
				0.0 - 0.0 ft bgs	1.0 - 2.5 ft bgs	0.5 - 2.0 ft bgs	0.5 - 2.0 ft bgs	0.5 - 2.0 ft bgs
				6/23/1999	11/3/2006	11/3/2006	11/20/2006	11/2/2006
OCPS	Methoxychlor	72-43-5	g	--	<0.0038	<0.0037	0.0036 UJ	<0.0035
	Pentachlorophenol	87-86-5	µg/kg	<1	--	--	--	--
	2,4,5-T	93-76-5	µg/kg	<1	--	--	--	--
	2,4,5-TP	93-72-1	µg/kg	<1	--	--	--	--
	Toxaphene	8001-35-2	g	--	<0.058	<0.056	<0.054	<0.052
OPPS	Chlorpyrifos	2921-88-2	g	--	<0.023	<0.023	0.022 UJ	<0.021
	Coumaphos	56-72-4	g	--	<0.015	<0.015	0.014 UJ	<0.014
	Dasanit	115-90-2	g	--	<0.015	<0.015	0.014 UJ	<0.014
	Demeton-O	298-03-3	g	--	0.045 UJ	0.044 UJ	0.042 UJ	0.041 UJ
	Demeton-S	126-75-0	g	--	0.017 UJ	0.017 UJ	0.016 UJ	0.016 UJ
	Diazinon	333-41-5	g	--	0.025 UJ	0.025 UJ	0.024 UJ	0.023 UJ
	Dichlorovos	62-73-7	g	--	<0.027	<0.026	0.025 UJ	<0.024
	Dimethoate	60-51-5	g	--	<0.025	<0.025	0.024 UJ	<0.023
	Disulfoton	298-04-4	g	--	<0.055	<0.054	0.052 UJ	<0.050
	EPN	2104-64-5	g	--	0.015 UJ	0.015 UJ	0.014 UJ	0.014 UJ
	Ethoprop	13194-48-4	g	--	<0.017	<0.017	0.016 UJ	<0.016
	Famphur	52-85-7	g	--	<0.015	<0.015	0.014 UJ	<0.014
	Fenthion	55-38-9	g	--	<0.038	<0.037	0.036 UJ	<0.035
	Guthion	86-50-0	g	--	<0.015	<0.015	0.014 UJ	<0.014
	Malathion	121-75-5	g	--	<0.017	<0.017	0.016 UJ	<0.016
	Merphos	150-50-5	g	--	<0.035	<0.034	0.032 UJ	<0.031
	Methyl parathion	298-00-0	g	--	<0.023	<0.023	0.022 UJ	<0.021
	Mevinphos	7786-34-7	g	--	<0.017	<0.017	0.016 UJ	<0.016
	Naled	300-76-5	g	--	0.038 UJ	0.037 UJ	0.036 UJ	0.035 UJ
	Parathion	56-38-2	g	--	<0.021	<0.020	0.019 UJ	<0.019
	Phorate	298-02-2	g	--	<0.023	<0.023	0.022 UJ	<0.021
	Prothiophos	34643-46-4	g	--	<0.023	<0.023	0.022 UJ	<0.021
	Ronnel	299-84-3	g	--	0.021 UJ	0.020 UJ	0.019 UJ	0.019 UJ
	Stirophos	22248-79-9	g	--	<0.017	<0.017	0.016 UJ	<0.016
	Sulfotepp	3689-24-5	g	--	<0.023	<0.023	0.022 UJ	<0.021
	Sulprofos	35400-43-2	g	--	<0.015	<0.015	0.014 UJ	<0.014
	Thionazin	297-97-2	g	--	<0.021	<0.020	0.019 UJ	<0.019
Trichloronate	327-98-0	g	--	<0.023	<0.023	0.022 UJ	<0.021	
PAHS	Acenaphthene	83-32-9	g	--	--	--	<0.0071	--
	Acenaphthylene	208-96-8	g	--	--	--	<0.0071	--
	Anthracene	120-12-7	g	--	--	--	<0.0071	--
	Benzo(a)anthracene	56-55-3	g	--	--	--	<0.0071	--
	Benzo(a)pyrene	50-32-8	g	--	--	--	<0.0071	--
	Benzo(b)fluoranthene	205-99-2	g	--	--	--	<0.0071	--
	Benzo(g,h,i)perylene	191-24-2	g	--	--	--	<0.0071	--
	Benzo(k)fluoranthene	207-08-9	g	--	--	--	<0.0071	--
	Chrysene	218-01-9	g	--	--	--	<0.0071	--
	Dibenz(a,h)anthracene	53-70-3	g	--	--	--	<0.0071	--
	Fluoranthene	206-44-0	g	--	--	--	<0.0071	--
	Fluorene	86-73-7	g	--	--	--	<0.0071	--
Hexachlorobenzene	118-74-1	g	--	--	--	0.0086	--	

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Analyte Group	Analyte	CAS	Unit	Source				
				Kerr McGee (1999)	ENSR (2007)			
					PC-70	SA-24	SA-25	SA-26
				0.0 - 0.0 ft bgs	1.0 - 2.5 ft bgs	0.5 - 2.0 ft bgs	0.5 - 2.0 ft bgs	0.5 - 2.0 ft bgs
				6/23/1999	11/3/2006	11/3/2006	11/20/2006	11/2/2006
PAHS	Indeno(1,2,3-cd)pyrene	193-39-5	g	--	--	--	<0.0071	--
	2-Methylnaphthalene	91-57-6	g	--	--	--	<0.0071	--
	Naphthalene	91-20-3	g	--	--	--	<0.0071	--
	Phenanthrene	85-01-8	g	--	--	--	<0.0071	--
	Pyrene	129-00-0	g	--	--	--	<0.0071	--
PCBS	Aldrin	309-00-2	µg/kg	<0.21	--	--	--	--
	Aroclor-1016	12674-11-2	g	--	<0.038	<0.037	<0.036	<0.035
			µg/kg	<10	--	--	--	--
	Aroclor-1221	11104-28-2	g	--	<0.038	<0.037	<0.036	<0.035
			µg/kg	<10	--	--	--	--
	Aroclor-1232	11141-16-5	g	--	<0.038	<0.037	<0.036	<0.035
			µg/kg	<10	--	--	--	--
	Aroclor-1242	53469-21-9	g	--	<0.038	<0.037	<0.036	<0.035
			µg/kg	<10	--	--	--	--
	Aroclor-1248	12672-29-6	g	--	<0.038	<0.037	<0.036	<0.035
			µg/kg	<10	--	--	--	--
	Aroclor-1254	11097-69-1	g	--	<0.038	<0.037	<0.036	<0.035
			µg/kg	<10	--	--	--	--
	Aroclor-1260	11096-82-5	g	--	<0.038	<0.037	<0.036	<0.035
			µg/kg	<10	--	--	--	--
	alpha-BHC	319-84-6	µg/kg	0.32 J	--	--	--	--
	beta-BHC	319-85-7	µg/kg	0.47 J	--	--	--	--
	delta-BHC	319-86-8	µg/kg	<0.21	--	--	--	--
	gamma-BHC	58-89-9	µg/kg	<0.21	--	--	--	--
	alpha-Chlordane	5103-71-9	µg/kg	<0.21	--	--	--	--
	gamma-Chlordane	5103-74-2	µg/kg	<0.21	--	--	--	--
	4,4'-DDD	72-54-8	µg/kg	<0.41	--	--	--	--
	4,4'-DDE	72-55-9	µg/kg	<0.41	--	--	--	--
	4,4'-DDT	50-29-3	µg/kg	<0.41	--	--	--	--
	Dieldrin	60-57-1	µg/kg	<0.41	--	--	--	--
	Endosulfan I	959-98-8	µg/kg	<0.21	--	--	--	--
	Endosulfan II	33213-65-9	µg/kg	<0.41	--	--	--	--
	Endosulfan sulfate	1031-07-8	µg/kg	<0.41	--	--	--	--
	Endrin	72-20-8	µg/kg	<0.41	--	--	--	--
	Endrin aldehyde	7421-93-4	µg/kg	<0.41	--	--	--	--
	Endrin ketone	53494-70-5	µg/kg	<0.41	--	--	--	--
	Heptachlor	76-44-8	µg/kg	<0.21	--	--	--	--
Heptachlor epoxide	1024-57-3	µg/kg	<0.21	--	--	--	--	
Methoxychlor	72-43-5	µg/kg	<2.1	--	--	--	--	
Toxaphene	8001-35-2	µg/kg	<21	--	--	--	--	
RAD	Radium-226	Ra-226	pci/g	--	0.965 J	1.21 J	1.2 J-	0.985 J
	Radium-228	Ra-228	pci/g	--	1.79	2.03	1.91 J-	1.87
	Thorium-228	Th-228	pci/g	--	--	--	0.805 J	--
	Thorium-230	Th-230	pci/g	--	--	--	0.391 J	--
	Thorium-232	Th-232	pci/g	--	--	--	0.759 J	--
	Uranium-234	U-234	pci/g	--	--	--	0.262 J+	--

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Analyte Group	Analyte	CAS	Unit	Source				
				Kerr McGee (1999)	ENSR (2007)			
					PC-70	SA-24	SA-25	SA-26
				0.0 - 0.0 ft bgs	1.0 - 2.5 ft bgs	0.5 - 2.0 ft bgs	0.5 - 2.0 ft bgs	0.5 - 2.0 ft bgs
				6/23/1999	11/3/2006	11/3/2006	11/20/2006	11/2/2006
RAD	Uranium-235	U-235	pci/g	--	--	--	0.00551 U	--
	Uranium-238	U-238	pci/g	--	--	--	0.137 J	--
SVOCs	Acenaphthene	83-32-9	µg/kg	<35	<380	<370	<360	<350
	Acenaphthylene	208-96-8	µg/kg	<35	<380	<370	<360	<350
	Anthracene	120-12-7	µg/kg	<35	<380	<370	<360	<350
	Benzo(a)anthracene	56-55-3	µg/kg	<35	<380	<370	<360	<350
	Benzo(a)pyrene	50-32-8	µg/kg	<35	<380	<370	<360	<350
	Benzo(b)fluoranthene	205-99-2	µg/kg	<35	<380	<370	<360	<350
	Benzo(g,h,i)perylene	191-24-2	µg/kg	<35	<380	<370	<360	<350
	Benzo(k)fluoranthene	207-08-9	µg/kg	<35	<380	<370	<360	<350
	4-Bromophenyl-phenyl ether	101-55-3	µg/kg	<70	--	--	--	--
	Butylbenzylphthalate	85-68-7	µg/kg	<70	<380	<370	<360	<350
	Carbazole	86-74-8	µg/kg	<35	--	--	--	--
	4-Chloroaniline	106-47-8	µg/kg	<35	--	--	--	--
	2-Chloronaphthalene	91-58-7	µg/kg	<35	--	--	--	--
	2-Chlorophenol	95-57-8	µg/kg	<35	--	--	--	--
	4-Chlorophenyl-phenyl ether	7005-72-3	µg/kg	<35	--	--	--	--
	Chrysene	218-01-9	µg/kg	<35	<380	<370	<360	<350
	Di-n-butylphthalate	84-74-2	µg/kg	<70	<380	<370	<360	<350
	Di-n-octylphthalate	117-84-0	µg/kg	<70	<380	<370	<360	<350
	Dibenz(a,h)anthracene	53-70-3	µg/kg	<35	<380	<370	<360	<350
	Dibenzofuran	132-64-9	µg/kg	<35	--	--	--	--
	1,2-Dichlorobenzene	95-50-1	µg/kg	<35	--	--	--	--
	1,3-Dichlorobenzene	541-73-1	µg/kg	<35	--	--	--	--
	1,4-Dichlorobenzene	106-46-7	µg/kg	<35	--	--	--	--
	3,3'-Dichlorobenzidine	91-94-1	µg/kg	<70	--	--	--	--
	2,4-Dichlorophenol	120-83-2	µg/kg	<70	--	--	--	--
	Diethylphthalate	84-66-2	µg/kg	<70	<380	<370	<360	<350
	2,4-Dimethylphenol	105-67-9	µg/kg	<70	--	--	--	--
	Dimethylphthalate	131-11-3	µg/kg	<70	<380	<370	<360	<350
	2,4-Dinitrophenol	51-28-5	µg/kg	<200	--	--	--	--
	2,4-Dinitrotoluene	121-14-2	µg/kg	<70	--	--	--	--
	2,6-Dinitrotoluene	606-20-2	µg/kg	<35	--	--	--	--
	1,4-Dioxane	123-91-1	µg/kg	--	<380	<370	<71	<350
	Fluoranthene	206-44-0	µg/kg	<35	<380	<370	<360	<350
	Fluorene	86-73-7	µg/kg	<35	<380	<370	<360	<350
Hexachlorobenzene	118-74-1	µg/kg	<35	<380	<370	<360	<350	
Hexachlorobutadiene	87-68-3	µg/kg	<70	--	--	--	--	
Hexachlorocyclopentadiene	77-47-4	µg/kg	<180	--	--	--	--	
Hexachloroethane	67-72-1	µg/kg	<35	--	--	--	--	
Indeno(1,2,3-cd)pyrene	193-39-5	µg/kg	<35	<380	<370	<360	<350	
Isophorone	78-59-1	µg/kg	<35	--	--	--	--	
2-Methylnaphthalene	91-57-6	µg/kg	<35	<380	<370	<360	<350	
2-Methylphenol	95-48-7	µg/kg	<35	--	--	--	--	
4-Methylphenol	106-44-5	µg/kg	<70	--	--	--	--	
Naphthalene	91-20-3	µg/kg	<35	<380	<370	<360	<350	

**TABLE C-1. ENSR and Kerr-McGee Shallow Soil Data used in the OU-2 SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada**

Analyte Group	Analyte	CAS	Unit	Source				
				Kerr McGee (1999)	ENSR (2007)			
					PC-70	SA-24	SA-25	SA-26
				0.0 - 0.0 ft bgs	1.0 - 2.5 ft bgs	0.5 - 2.0 ft bgs	0.5 - 2.0 ft bgs	0.5 - 2.0 ft bgs
				6/23/1999	11/3/2006	11/3/2006	11/20/2006	11/2/2006
SVOCs	2-Nitroaniline	88-74-4	µg/kg	<35	--	--	--	--
	3-Nitroaniline	99-09-2	µg/kg	<70	--	--	--	--
	4-Nitroaniline	100-01-6	µg/kg	<70	--	--	--	--
	Nitrobenzene	98-95-3	µg/kg	<35	<380	<370	<360	<350
	2-Nitrophenol	88-75-5	µg/kg	<70	--	--	--	--
	4-Nitrophenol	100-02-7	µg/kg	<180	--	--	--	--
	n-Nitrosodiphenylamine	86-30-6	µg/kg	<35	--	--	--	--
	Octachlorostyrene	29082-74-4	µg/kg	--	<380	<370	<360	<350
	Pentachlorophenol	87-86-5	µg/kg	<180	--	--	--	--
	Phenanthrene	85-01-8	µg/kg	<35	<380	<370	<360	<350
	Phenol	108-95-2	µg/kg	<70	--	--	--	--
	Pyrene	129-00-0	µg/kg	<35	<380	<370	<360	<350
	Pyridine	110-86-1	µg/kg	--	<1,800	<1,800	<1,700	<1,700
	1,2,4-Trichlorobenzene	120-82-1	µg/kg	<35	--	--	--	--
	2,4,5-Trichlorophenol	95-95-4	µg/kg	<70	--	--	--	--
	2,4,6-Trichlorophenol	88-06-2	µg/kg	<70	--	--	--	--
	bis(2-Chloro-1-methylethyl) ether	108-60-1	µg/kg	<35	--	--	--	--
	bis(2-Chloroethoxy)methane	111-91-1	µg/kg	<70	--	--	--	--
	bis(2-Chloroethyl) ether	111-44-4	µg/kg	<35	--	--	--	--
	bis(2-Ethylhexyl)phthalate	117-81-7	µg/kg	1,000	<380	150 J	<360	<350
4,6-Dinitro-2-methylphenol	534-52-1	µg/kg	<180	--	--	--	--	
4-Chloro-3-methylphenol	59-50-7	µg/kg	<70	--	--	--	--	
n-Nitroso-di-n-propylamine	621-64-7	µg/kg	<35	--	--	--	--	
TPH	Ethanol	64-17-5	g	--	--	--	54 UJ	52 UJ
	Ethylene glycol	107-21-1	g	--	--	--	54 UJ	52 UJ
	Methanol	67-56-1	g	--	--	--	54 UJ	52 UJ
	Oil Range Organics	TPH-MOTOR	g	--	<29	26 J+	150 J	4.0 J
	Total petroleum hydrocarbon-diesel	TPH-diesel	g	--	<29	5.1 J+	<110	<26
	Total petroleum hydrocarbon-gasoline	TPH-gasoline	g	--	<0.12	<0.11	0.11 UJ	<0.10
VOCs	Acetone	67-64-1	µg/kg	560	<12	<11	12	<10
	t-Amyl methyl ether	994-05-8	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	Benzene	71-43-2	µg/kg	<1	<5.8	<5.6	<5.4	<5.2
	Bromobenzene	108-86-1	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	Bromochloromethane	74-97-5	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	Bromodichloromethane	75-27-4	µg/kg	<2	<5.8	<5.6	<5.4	<5.2
	Bromoform	75-25-2	µg/kg	<1	<5.8	<5.6	<5.4	<5.2
	Bromomethane	74-83-9	µg/kg	<3	<12	<11	11 UJ	10 UJ
	2-Butanone	78-93-3	µg/kg	<7	<12	<11	<11	<10
	n-Butylbenzene	104-51-8	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	sec-Butylbenzene	135-98-8	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	Carbon disulfide	75-15-0	µg/kg	<3	--	--	--	--
	Carbon tetrachloride	56-23-5	µg/kg	<1	<5.8	<5.6	<5.4	<5.2
	Chlorobenzene	108-90-7	µg/kg	<1	<5.8	<5.6	<5.4	<5.2
	Chloroethane	75-00-3	µg/kg	<3	5.8 UJ	5.6 UJ	5.4 UJ	5.2 UJ
	Chloroform	67-66-3	µg/kg	<1	<5.8	<5.6	<5.4	<5.2
	Chloromethane	74-87-3	µg/kg	<2	5.8 UJ	5.6 UJ	5.4 UJ	5.2 UJ

**TABLE C-1. ENSR and Kerr-McGee Shallow Soil Data used in the OU-2 SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada**

Analyte Group	Analyte	CAS	Unit	Source				
				Kerr McGee (1999)	ENSR (2007)			
					PC-70	SA-24	SA-25	SA-26
				0.0 - 0.0 ft bgs	1.0 - 2.5 ft bgs	0.5 - 2.0 ft bgs	0.5 - 2.0 ft bgs	0.5 - 2.0 ft bgs
				6/23/1999	11/3/2006	11/3/2006	11/20/2006	11/2/2006
VOCs	2-Chlorotoluene	95-49-8	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	4-Chlorotoluene	106-43-4	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	Cumene	98-82-8	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	p-Cymene	99-87-6	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	1,2-Dibromo-3-chloropropane	96-12-8	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	Dibromochloromethane	124-48-1	µg/kg	<1	<5.8	<5.6	<5.4	<5.2
	1,2-Dibromoethane	106-93-4	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	Dibromomethane	74-95-3	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	1,2-Dichlorobenzene	95-50-1	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	1,3-Dichlorobenzene	541-73-1	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	1,4-Dichlorobenzene	106-46-7	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	Dichlorodifluoromethane	75-71-8	µg/kg	--	5.8 UJ	5.6 UJ	5.4 UJ	5.2 UJ
	1,1-Dichloroethane	75-34-3	µg/kg	<1	<5.8	<5.6	<5.4	<5.2
	1,2-Dichloroethane	107-06-2	µg/kg	<2	<5.8	<5.6	<5.4	<5.2
	1,1-Dichloroethene	75-35-4	µg/kg	<2	<5.8	<5.6	<5.4	<5.2
	cis-1,2-Dichloroethene	156-59-2	µg/kg	<2	<5.8	<5.6	<5.4	<5.2
	trans-1,2-Dichloroethene	156-60-5	µg/kg	<2	<5.8	<5.6	<5.4	<5.2
	1,2-Dichloropropane	78-87-5	µg/kg	<3	<5.8	<5.6	<5.4	<5.2
	1,3-Dichloropropane	142-28-9	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	2,2-Dichloropropane	594-20-7	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	1,1-Dichloropropene	563-58-6	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	cis-1,3-Dichloropropene	10061-01-5	µg/kg	<1	<5.8	<5.6	<5.4	<5.2
	trans-1,3-Dichloropropene	10061-02-6	µg/kg	<1	<5.8	<5.6	<5.4	<5.2
	Diisopropyl ether	108-20-3	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	Ethyl benzene	100-41-4	µg/kg	<1	<5.8	<5.6	<5.4	<5.2
	Ethyl tert-butyl ether	637-92-3	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	Hexachlorobutadiene	87-68-3	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	2-Hexanone	591-78-6	µg/kg	<3	12 UJ	11 UJ	11 UJ	10 UJ
	Methyl tert-butyl ether	1634-04-4	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	Methylene Chloride	75-09-2	µg/kg	<2	<5.8	<5.6	<5.4	5.2 UJ
	Naphthalene	91-20-3	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	4-Methyl-2-pentanone	108-10-1	µg/kg	4 J	<12	<11	11 UJ	<10
	n-Propylbenzene	103-65-1	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	Styrene	100-42-5	µg/kg	<1	<5.8	<5.6	<5.4	<5.2
	1,1,1,2-Tetrachloroethane	630-20-6	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	1,1,2,2-Tetrachloroethane	79-34-5	µg/kg	<1	<5.8	<5.6	<5.4	<5.2
	Tetrachloroethene	127-18-4	µg/kg	<1	<5.8	<5.6	<5.4	<5.2
	Toluene	108-88-3	µg/kg	<1	<5.8	<5.6	0.30 J	<5.2
	1,2,3-Trichlorobenzene	87-61-6	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	1,2,4-Trichlorobenzene	120-82-1	µg/kg	--	<5.8	<5.6	<5.4	<5.2
1,1,1-Trichloroethane	71-55-6	µg/kg	<1	<5.8	<5.6	<5.4	<5.2	
1,1,2-Trichloroethane	79-00-5	µg/kg	<2	<5.8	<5.6	<5.4	<5.2	
Trichloroethene	79-01-6	µg/kg	<1	<5.8	<5.6	<5.4	<5.2	
Trichlorofluoromethane	75-69-4	µg/kg	--	5.8 UJ	5.6 UJ	5.4 UJ	5.2 UJ	
1,2,3-Trichloropropane	96-18-4	µg/kg	--	<5.8	<5.6	<5.4	<5.2	
1,2,4-Trimethylbenzene	95-63-6	µg/kg	--	<5.8	<5.6	<5.4	<5.2	

TABLE C-1. ENSR and Kerr-McGee Shallow Soil Data used in the OU-2 SLERA

**Nevada Environmental Response Trust Site
Henderson, Nevada**

Analyte Group	Analyte	CAS	Unit	Source				
				Kerr McGee (1999)	ENSR (2007)			
				PC-70	SA-24	SA-25	SA-26	SA-27
				0.0 - 0.0 ft bgs	1.0 - 2.5 ft bgs	0.5 - 2.0 ft bgs	0.5 - 2.0 ft bgs	0.5 - 2.0 ft bgs
				6/23/1999	11/3/2006	11/3/2006	11/20/2006	11/2/2006
VOCs	1,3,5-Trimethylbenzene	108-67-8	µg/kg	--	<5.8	<5.6	<5.4	<5.2
	Vinyl chloride	75-01-4	µg/kg	<2	<5.8	<5.6	5.4 UJ	<5.2
	Xylenes (total)	1330-20-7	µg/kg	<1	<12	<11	<11	<10
	tert Butyl alcohol	75-65-0	µg/kg	--	5.8 UJ	5.6 UJ	5.4 UJ	5.2 UJ
	tert-Butylbenzene	98-06-6	µg/kg	--	<5.8	<5.6	<5.4	<5.2

Notes:

- = Not available
- µg/kg = Microgram per kilogram
- 2,4-D = 2,4-Dichlorophenoxyacetic acid
- 2,4-DB = 4-(2,4-Dichlorophenoxy)butanoic acid
- 2,4,5-T = 2,4,5-Trichlorophenoxyacetic acid
- 2,4,5-TP = Fenoprop
- BHC = Hexachlorocyclohexane
- CaCO₃ = Calcium Carbonate
- DDD = Dichlorodiphenyldichloroethane
- DDE = Dichlorodiphenyldichloroethylene
- DDT = Dichlorodiphenyltrichloroethane
- DL = Detection limit
- EPN = O-Ethyl O-(4-nitrophenyl) phenylphosphonothioate
- ft bgs = Feet below ground surface
- HMW = High Molecular Weight
- LMW = Low Molecular Weight
- mg/kg = Milligram per kilogram.
- N = Nitrogen
- ND = Not detected
- NERT = Nevada Environmental Response Trust
- ng/kg = Nanograms per kilogram
- OCPs = Organochlorine Pesticides
- OPPs = Organophosphate Pesticides
- OU-2 = Operable Unit 2
- PAHs = Polycyclic Aromatic Hydrocarbons
- PCBs = Polychlorinated Biphenyls
- pci/g = Picocuries per gram
- RAD = Radionuclide Compounds
- SLERA = Screening level ecological risk assessment
- SVOCs = Semivolatile Organic Compounds
- TEQ = Toxic equivalency quotient
- TPH = Total Petroleum Hydrocarbons
- VOCs = Volatile Organic Compounds

Validation Qualifiers:

- J Indicates an estimated value.
- J+ Indicates an estimated value with a positive bias.
- J- Indicates an estimated value with a negative bias.
- < Below laboratory detection limit.
- UJ Below laboratory detection limit, detection limit uncertain.
- U Radionuclide result below minimum detectable concentration

References:

- ENSR. 2007. Phase A Source Area Investigation Report, Tronox LLC Facility, Henderson, Nevada, May 1, 2007.
- Kerr-McGee. 1998. Preliminary Report on a Hydrologic Investigation of Channel-Fill Alluvium at the Pittman Lateral, Henderson, Nevada, October 19, 1998.

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

APPENDIX C-2
BEC TRONOX PARCELS A-B SHALLOW SOIL DATA USED IN THE OU-2
SLERA

Table C-2 BEC Tronox Parcels A-B Shallow Soil Data used in the OU-2 SLERA

TABLE C-2. BEC Tronox Parcels A-B Shallow Soil Data used in the OU-2 SLERA

Nevada Environmental Response Trust Site

Henderson, Nevada

Analytic Method	Analyte	Unit	TSB-AJ-01-0	TSB-AJ-02-0	TSB-AJ-02-0 (FD)	TSB-AJ-03-0	TSB-AR-01-0	TSB-AR-01-0 (FD)	TSB-AR-02-0	TSB-AR-04-0	TSB-AR-05-0	TSB-AR-06-0	TSB-AR-06-0 (FD)	TSB-AR-07-0	TSB-AR-08-0	TSB-AR-10-0	TSB-AR-11-0	TSB-AR-11-0 (FD)	TSB-AR-12-0	TSB-AR-13-0		
			Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample
			9/7/2007	9/7/2007	9/7/2007	9/7/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/7/2007	9/7/2007	9/5/2007	9/6/2007	9/6/2007	9/6/2007	9/6/2007	9/6/2007	9/6/2007
3060A/7196A	Chromium (VI)	mg/kg	<0.16	<0.16	0.25 J	<0.16	<0.17	<0.17	0.24 J	0.18 J	0.24 J	0.2 J	0.31 J	0.19 J	0.32 J	<0.17	0.28 J	0.25 J	<0.16	<0.16		
E160.3	Percent Moisture	percent	2.4	1.6	1.4	2.1	4.8	6.9	2.6	2.7	3.1	3.4	4.2	5.2	2.5	3.8	3.5	3.4	3	2.5		
E300	Bromide	mg/kg	<0.064	<0.063	<0.063	<0.064	4.1 J	6.3 J	<0.064 UJ	5.1 J	1.7 J	4.6 J	7.6 J	<0.066 UJ	0.69 J	1.2 J	<0.065	<0.065	<0.064	<0.064		
	Chlorate	mg/kg	<1	<1	<1	2.6 J	2.1 J	2.8 J	<1	<1	<1	2.8 J	4.6 J	<1.1	<1	1.4 J	<1	<1	<1	<1		
	Chloride	mg/kg	<0.21	12.6	9.1	16.3	905 J-	947 J-	<0.21 UJ	626 J-	555 J-	432 J	2210 J	14.4 J-	165 J-	515 J-	4.4 J-	4.8 J-	273	4.4		
	Fluoride	mg/kg	<0.26	0.79 J	<0.25	1.6	0.68 J	1 J	0.5 J	1.1	<0.26	0.87 J	0.69 J	<0.26	<0.26	<0.26	0.57 J	<0.26	<0.26	<0.26		
	Nitrate (as N)	mg/kg	0.53 J+	1.8	1.6	8.1	5.3 J-	5.5 J-	0.53 J-	13.7 J-	10.6 J-	36.6 J	229 J	0.33 J-	8.3 J-	10.6 J-	1.6 J-	1.3 J-	0.42	2.1		
	Nitrite (as N)	mg/kg	<0.051	<0.051	<0.051	0.45	<0.053	<0.054	<0.051	<0.051	<0.052	<0.052	<0.052	<0.053	<0.051	<0.052	<0.052	<0.052	<0.052	<0.052	<0.051	
	Orthophosphate as P	mg/kg	<1.7	<1.6 UJ	<1.6 UJ	<1.7 UJ	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	2 J	2 J	<1.7	<1.7	
E300.0	Sulfate	mg/kg	11.7	36.2	30.8	38.9	110 J-	116 J-	10.6 J-	385 J-	125 J-	370 J	1450 J	19.3 J-	94.1 J-	52.2 J-	36.3 J-	29.4 J-	170	9.1		
	Bromine	mg/kg	<5.1	<5.1	<5.1	<5.1	8.2 J	12.7 J	<5.1 UJ	10.2 J	3.4 J	9.1 J	15.2 J	<5.3 UJ	1.4 J	2.4 J	<5.2	<5.2	<5.2	<5.1		
	Chlorine	mg/kg	<4.1	25.2	18.3	32.6	1810 J-	1890 J-	<4.1 UJ	1250 J-	1110 J-	863 J	4410 J	28.8 J-	331 J-	1030 J-	8.9 J-	9.5 J-	546	8.9		
E314.0	Perchlorate	µg/kg	64.1	154	151	228	3440	4260	53.4	1020	3710	14700	11200	335	1610	8440	67.2	73	59.9	<3.5		
EPA 300.1 Mod.	Chlorite	µg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
EPA 8270C	2,2'-/4,4'-Dichlorobenzil	µg/kg	<72	<71	<71	<72	<73	<75	<72	<72	<72	<140	<110	<74	<72	<73	<73	<110	<72	<72		
EPA 901.1	RADIUM-226	pCi/g	0.98	1.19	1.08	1.03	1.08	0.959	1.13	1.02	0.953	0.955	1.05	0.954	1.01	1.13	0.926	1.01	1.02	0.881		
	RADIUM-228	pCi/g	1.91	1.78	1.96	1.83	1.75	1.5	1.85	1.75	1.77	1.73	1.79	1.81	1.63	1.82	1.82	1.82	1.97	1.88	2.04	
HASL-300 Th Mod	THORIUM-228	pCi/g	1.48	1.29	1.71	1.52	1.65	1.58	1.36	1.7	1.57	1.19	1.37	1.66	1.86	1.27	1.85	2.07	2.06	1.52		
	THORIUM-230	pCi/g	1.15	0.983	0.982	0.892	1.44	1.03	0.889	1.09	1.07	0.973	0.95	1.04	1.15	1.26	1.06	1.36	1.43	1.13		
	THORIUM-232	pCi/g	1.36	1.38	1.36	1.4	1.49	1.54	1.23	1.6	1.34	1.58	1.54	1.6	1.41	1.63	1.35	1.62	1.63	1.24		
HASL-300 U Mod	URANIUM-233/234	pCi/g	0.438 J	0.341 J	0.365 J	0.279 J	0.702	0.788	0.335 J	0.439 J	0.289 J	0.246 J	0.356 J	0.4 J	0.298 J	0.474 J	0.305 J	0.348 J	0.392 J	0.495 J		
	URANIUM-235/236	pCi/g	0.0106 U	0.00869 U	0.013 U	0.0193 J	0.0214 J	0.0217 J	0.00374 U	0.0143 J	0.0179 J	0.0117 U	0.0122 U	0.00745 U	0.00518 U	0.0158 U	0.0137 U	0.0217 J	0.00892 U	0.0141 J		
	URANIUM-238	pCi/g	0.294 J	0.272 J	0.318 J	0.219 J	0.412 J	0.47 J	0.303 J	0.354 J	0.258 J	0.24 J	0.265 J	0.326 J	0.238 J	0.353 J	0.205 J	0.26 J	0.271 J	0.254 J		
M8015D	TPH (as Diesel)	mg/kg	<1.6	<1.5	<1.5	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6		
SW1664A	HEM Oil/Grease	mg/kg	<178 UJ	<176 UJ	<176 UJ	<177 UJ	<182	<186	<178	<178	<179	<180 UJ	<181 UJ	<183	<178	<180 UJ	<180	<180	<179 UJ	<178 UJ		
	n-Hexane Extractable Material, Silica Gel Treated	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
SW6010	Lithium	mg/kg	13.1	15.5	13.9	13	14.5	13.8	16.1	13.9	12.7	14.3	11.9	13.6	11.8	16.6	11.1	13.4	16.9	15.5		
	Sulfur	mg/kg	<421.4	<421.4	<421.4	<421.4	<421.4	<421.4	<421.4	<421.4	<421.4	1210	1110	<421.4	<421.4	<421.4	<421.4	<421.4	<421.4	<421.4		
SW6020	Aluminum	mg/kg	8140	9020	8570	8920	8810	7810	8730	8760	7910	8600	7860	8430	9000	9200	9050	8400	8820	8730		
	Antimony	mg/kg	0.13 J-	<0.1046 UJ	0.11 J-	0.16 J-	0.13 J-	<0.1046 UJ	0.13 J-	0.12 J-	0.15 J-	0.11 J-	<0.1046 UJ	0.12 J-	0.24 J-	0.21 J-	0.19 J-	0.19 J-	0.19 J-	0.24 J-		
	Arsenic	mg/kg	2.4	2.7	2.5	2.8	3.1	3.7	2.5	2.7	2.8	3	2.8	2.3	2.4	2.6	3.1	2.6	3.1	2.7		
	Barium	mg/kg	183	171	222	235	180 J-	158 J-	207 J-	243 J-	177 J-	169	176	183 J-	220 J+	199 J+	220 J+	213 J+	188 J+	177 J+		
	Beryllium	mg/kg	0.49	0.43	0.5	0.52	0.52	0.52	0.51	0.51	0.51	0.5	0.45	0.48	0.52	0.51	0.5	0.48	0.53	0.52		
	Boron	mg/kg	<2.824	<2.824	<2.824	<2.824	<2.824	<2.824	<2.824	<2.824	<2.824	<2.824	<2.824	<2.824	<2.824	<2.824	<2.824	<2.824	<2.824	<2.824	<2.824	
	Cadmium	mg/kg	0.12	0.1 J	0.12	0.19	0.088 J	0.096 J	0.12	0.1 J	0.11	0.13	0.11	0.13	0.14	0.12	0.14	0.14	<0.01	0.22		
	Calcium	mg/kg	37000	24400	23500	25200	27100	37500	32500	23900	24300	30700	23600	27300	18000	23500	19900	19300	20300	21400		
	Chromium (Total)	mg/kg	9.9	13.8	9.7	12.5	10.9 J-	9.6 J-	11.8 J-	12.8 J-	10.9 J-	11.8	10.4	10.7 J-	13.3 J-	12.1 J-	10.2 J-	11.3 J-	12.4 J-	13.1 J-		
	Cobalt	mg/kg	5.3	6.2	5.4	6.3	6.8	7.4	6.5	7	5.7	6	5.3	6	6.5	5.9	6.2	6.5	5.9	6.1		
	Copper	mg/kg	12.3	16.1	12.4	14.5	12.5	15.5	13.5	14	13.2	12.7	11.9	14.1	14.6	12.8	13.7	16.2	12.5	13.9		
	Iron	mg/kg	12400	12200	12800	14200	13600	14500	14600	14300	13700	14800	12900	13100	14900	13900	13500	13800	14200	13500		
	Lead	mg/kg	10	8.1	10.3	14.4	9.3	8.6	10.9	9.3	9.8	8.9	8.6	10.5	13	10.5	11.8	11.7	10.2	14		
	Magnesium	mg/kg	7650 J-	9380 J-	7690 J-	8050 J-	9790	9540	8800	8750	8220	9010 J-	7990 J-	7200	8140 J-	8270 J-	7430 J-	7430 J-	7320 J-	8170 J-		
	Manganese	mg/kg	291	310	332	447	327	313	399	603	322	372	314	364	414	365	400	422	323	394		
	Molybdenum	mg/kg	<0.1046	<0.1046	<0.1046	<0.1046	0.5 J	0.48 J	0.59 J	0.68 J	0.72 J	<0.1046	<0.1046	0.52 J	0.68 J	0.56 J	0.58 J	0.64 J	0.58 J	0.79 J		
	Nickel	mg/kg	12.6	23.7 J	12.1 J	14.3	15.4 J-	16.7 J-	15.6 J-	17.2 J-	14.1 J-	13.8	12.3	14.5 J-	15.3 J-	14.1 J-	13.8 J-	14.7 J-	12.4 J-	14.1 J-		
	Niobium	mg/kg	<1.512	<1.512	<1.512	<1.512	2 J+	<1.512	<1.512	<1.512	<1.512	<1.512	1.6 J+	<1.512	<1.512	<1.512 UJ	<1.512	<1.512	<1.512	<1.512		
	Palladium	mg/kg	0.43	0.39	0.4	0.44	0.52	0.44	0.4	0.39	0.37	0.39	0.34	0.34	0.31	0.34	0.39	0.34	0.32	0.35		
	Phosphorus (as P)	mg/kg	785 J	1320 J	732 J	818 J	807 J	1020 J	947 J	864 J	819 J	814 J	781 J	1040 J	856 J	751 J	1020 J	1130 J	563 J	747 J		
Platinum	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02			
Potassium	mg/kg	3590	2390	3170	3260	2900	2490	3110	3040	2680	4750	4800	3710	3140	4150	3820	3240	4510	3750			
Selenium	mg/kg	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32			
Silicon	mg/kg	657 J+	600 J+	651 J+	420 J+	829	770	1320	745	987	745 J+	508 J+	912	648 J+	421 J+	636 J+	560 J+	477 J+	690 J+			

TABLE C-2. BEC Tronox Parcels A-B Shallow Soil Data used in the Nevada Environmental Response Trust Site Henderson, Nevada

Analytic Method	Analyte	Unit	TSB-AR-14-0	TSB-AR-3-0	TSB-AR-9-0	TSB-BJ-01-0	TSB-BJ-02-0	TSB-BJ-06-0	TSB-BR-02-0	TSB-BR-03-0	TSB-BR-04-0	TSB-BR-04-0 (FD)	TSB-BR-05-0	TSB-BR-06-0		
			Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample
			9/6/2007	9/6/2007	9/6/2007	9/7/2007	9/7/2007	9/7/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/7/2007
3060A/7196A	Chromium (VI)	mg/kg	<0.17	<0.16	0.27 J	0.35 J	<0.16	0.49 J	<0.16	0.32 J	<0.17	<0.16	0.54 J	<0.16		
E160.3	Percent Moisture	percent	4	1.7	2.6	1.6	1.8	5.3	2.3	5.6	3.6	2.9	1.8	1.4		
E300	Bromide	mg/kg	<0.065	<0.064	1.3 J	<0.064	<0.064	<0.066	<0.064	<0.066	<0.065	<0.064	<0.064	<0.063		
	Chlorate	mg/kg	<1	<1	<1	<1	<1	<1.1	<1	<1.1	<1	<1	<1	<1		
	Chloride	mg/kg	76.1 J-	3.3	377	7.1	189	7.1	95.2	28.8	13.1 J	7.8 J	4.3	85.9		
	Fluoride	mg/kg	<0.26	<0.25	0.53 J	<0.25	0.8 J	0.87 J	<0.26	<0.26	<0.26	0.56 J	<0.25	0.74 J		
	Nitrate (as N)	mg/kg	2.6 J-	0.99	9	2	5.3	7.2	6.2	2.6	3.5	2.4	0.96	2.2		
	Nitrite (as N)	mg/kg	<0.052	<0.051	<0.051	<0.051	<0.051	<0.053	<0.051	<0.053	<0.052	<0.052	<0.051	<0.051		
	Orthophosphate as P	mg/kg	<1.7	<1.6	<1.7	<1.6 UJ	<1.6 UJ	<1.7 UJ	<1.7 UJ	<1.7 UJ	<1.7 UJ	<1.7 UJ	<1.6 UJ	<1.6 UJ		
E300.0	Sulfate	mg/kg	112 J-	17.2	73	38	98.7	43.4	487	78.8	536 J	201 J	19.5	94.2		
	Bromine	mg/kg	<5.2	<5.1	2.6 J	<5.1	<5.1	<5.3	<5.1	<5.3	<5.2	<5.2	<5.1	<5.1		
E314.0	Chlorine	mg/kg	152 J-	6.6	753	14.2	378	14.3	190	57.5	26.2 J	15.6 J	8.7	172		
	Perchlorate	µg/kg	256	73.1	1280	304	2070	1170	2670	627	1280 J	368 J	122	492		
EPA 300.1 Mod.	Chlorite	µg/kg	--	--	--	--	--	--	--	--	--	--	--	--		
EPA 8270C	2,2'-/4,4'-Dichlorobenzil	µg/kg	<73	<71	<72	<71	<71	<74	<72	<74	<73	<72	<71	<110		
EPA 901.1	RADIUM-226	pCi/g	0.946	1.05	1.05	0.969	1.04	0.96	0.954	1.02	0.896	1	0.985	1.03		
	RADIUM-228	pCi/g	1.84	1.96	1.68	1.84	1.78	2	1.65	1.76	1.74	1.95	1.81	2.13		
HASL-300 Th Mod	THORIUM-228	pCi/g	2.07	1.82	1.51	1.37	1.8	1.8	1.8	1.21	1.74 J	0.0167 UJ	1.63	2.17		
	THORIUM-230	pCi/g	0.904	1.44	1.2	1.09	1.24	1.39	1.08	0.794	1.26 J	0.308 J	0.891	1.3		
	THORIUM-232	pCi/g	1.48	1.94	1.53	1.58	1.76	1.78	1.85	1.54	2.36 J	0 UJ	1.46	2.02		
HASL-300 U Mod	URANIUM-233/234	pCi/g	0.293 J	0.387 J	0.379 J	0.23 J	0.443 J	0.317 J	0.262 J	0.237 J	0.326 J	0.343 J	0.299 J	0.26 J		
	URANIUM-235/236	pCi/g	0.00611 U	0.0062 U	0.00565 U	0.0104 U	0.0108 U	0.0125 U	0.0158 U	0.00531 U	0.00571 U	0.0215 J+	0.00531 U	0.0056 U		
	URANIUM-238	pCi/g	0.244 J	0.253 J	0.259 J	0.154 J	0.346 J	0.169 J	0.177 J	0.125 J	0.253 J	0.186 J	0.246 J	0.176 J		
M8015D	TPH (as Diesel)	mg/kg	<1.6	<1.5	<1.6	<1.5	<1.5	<1.6	<1.6	<1.6	<1.6	<1.6	<1.5	<1.5		
SW1664A	HEM Oil/Grease	mg/kg	<181	<176 UJ	<178 UJ	<176 UJ	<177 UJ	<183 UJ	<178 UJ	<184 UJ	<180 UJ	<179 UJ	<177 UJ	<176 UJ		
	n-Hexane Extractable Material, Silica Gel Treated	mg/kg	--	--	--	--	--	--	<205 UJ	<212 UJ	<207 UJ	<206 UJ	<204 UJ	--		
SW6010	Lithium	mg/kg	12.2	16.6	14.5	14.9	<3.657	13.9	11.8	12	<1.463	12.2	10.9	13		
	Sulfur	mg/kg	<421.4	<421.4	<421.4	<421.4	<1054	<421.4	443 J	<421.4	<421.4	<421.4	<421.4	<421.4		
SW6020	Aluminum	mg/kg	8090	8540	6780	9750	8990	8270	8010	7390	7510	7740	7960	8670		
	Antimony	mg/kg	0.16 J-	0.19 J-	0.15 J-	0.37 J-	0.21 J-	0.13 J-	0.42 J-	0.38 J-	0.15 J-	0.17 J-	0.16 J-	0.12 J-		
	Arsenic	mg/kg	2.4	2.4	2.3	2.8	2.6	2.5	2.8	2.5	2.5	2.6	2.3	2.3		
	Barium	mg/kg	179 J+	202 J+	162 J+	243	217	170	218 J+	179 J+	208 J+	202 J+	183 J+	208		
	Beryllium	mg/kg	0.49	0.46	0.42	0.57	0.54	0.48	0.5	0.47	0.47	0.49	0.48	0.5		
	Boron	mg/kg	<2.824	<2.824	<2.824	<2.824	<2.824	<2.824	<2.824	<2.824	<2.824	<2.824	<2.824	<2.824		
	Cadmium	mg/kg	<0.01	0.12	<0.01	0.48	0.59	0.14	0.43	0.56	0.17	0.13	0.14	0.12		
	Calcium	mg/kg	20700	19100	21400	20700	21200	19100	23800	20200	50700 J	23000 J	21400	20700		
	Chromium (Total)	mg/kg	10.4 J-	10.5 J-	7.3 J-	14.7	15.9	11.5	9.9	9.9	7.4	8.7	8.7	10.9		
	Cobalt	mg/kg	5.1	5.3	5	6.7	7	6	7.5 J	5.5 J	6 J	6.1 J	6 J	6.5		
	Copper	mg/kg	11.8	11.8	13	17.8	19.3	14	31	24.4	13	12.7	12.6	15		
	Iron	mg/kg	12000	12700	10500	15600	17200	13900	14000	11900	11000	11800	11300	13900		
	Lead	mg/kg	7.8	9.5	8.7	29.5	18.4	11.6	96.9	136	14.7	13	10.8	11.6		
	Magnesium	mg/kg	8600 J-	7530 J-	6690 J-	8400 J-	8060 J-	7620 J-	9380	7630	7870	7840	8170	8170 J-		
	Manganese	mg/kg	256	341	280	493	476	376	668	405	428	388	415	416		
	Molybdenum	mg/kg	0.48 J	0.69 J	0.62 J	<0.1046	<0.1046	<0.1046	<0.1046	<0.1046	<0.1046	<0.1046	<0.1046	<0.1046		
	Nickel	mg/kg	12.4 J-	13.8 J-	11.5 J-	15.7	22.2	13.8	16.5 J	13.3 J	13.1 J	12.9 J	14.5 J	16.9		
	Niobium	mg/kg	<1.512	<1.5	<1.512	<1.512	<1.512	<1.512	<1.512	<1.512	<1.512	<1.512	<1.512 UJ	<1.512		
	Palladium	mg/kg	0.34	0.35	0.3	0.39	0.35	0.35	0.37	0.34	0.38	0.35	0.33	0.35		
	Phosphorus (as P)	mg/kg	527 J	893 J	947 J	805 J	1110 J	914 J	1510 J	958 J	1120 J	1080 J	1100 J	1080 J		
Platinum	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02			
Potassium	mg/kg	2720	3180	2870	3140	2790	3180	2920 J+	2570 J+	2950 J+	2980 J+	3100 J+	2820			
Selenium	mg/kg	<0.32	<0.33	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32			
Silicon	mg/kg	607 J+	638 J+	265 J+	814 J+	714 J+	652 J+	131 J+	231 J+	262 J+	188 J+	221 J+	552 J+			

TABLE C-2. BEC Tronox Parcels A-B Shallow Soil Data used in the OU-2 SLERA

Nevada Environmental Response Trust Site

Henderson, Nevada

Analytic Method	Analyte	Unit	TSB-AJ-01-0	TSB-AJ-02-0	TSB-AJ-02-0 (FD)	TSB-AJ-03-0	TSB-AR-01-0	TSB-AR-01-0 (FD)	TSB-AR-02-0	TSB-AR-04-0	TSB-AR-05-0	TSB-AR-06-0	TSB-AR-06-0 (FD)	TSB-AR-07-0	TSB-AR-08-0	TSB-AR-10-0	TSB-AR-11-0	TSB-AR-11-0 (FD)	TSB-AR-12-0	TSB-AR-13-0		
			Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample
			9/7/2007	9/7/2007	9/7/2007	9/7/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/7/2007	9/7/2007	9/5/2007	9/6/2007	9/6/2007	9/6/2007	9/6/2007	9/6/2007	9/6/2007
SW6020	Silver	mg/kg	0.12 J	0.086 J	0.11 J	0.12 J	0.11 J	0.11 J	0.12 J	0.12 J	0.12 J	0.12 J	0.11 J	0.12 J	0.13 J	0.13 J	0.12 J	0.11 J	0.13 J	0.12 J		
	Sodium	mg/kg	373 J+	1100 J	244 J	363 J+	668	584	332	697	541	1720	1450	427	401 J+	459 J+	433 J+	403 J+	649 J+	244 J+		
	Strontium	mg/kg	175	180	177	180	204	187	163	174	143	165	154	138	126 J	141 J	155 J	144 J	126 J	143 J		
	Thallium	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
	Tin	mg/kg	0.51	<0.0526	<0.0526	0.62	0.47	0.45	0.46	0.46	0.51	0.49	<0.0526	0.45	0.67	0.59	0.59	0.61	0.58	0.73		
	Titanium	mg/kg	662	509	648	785	608	650	665	675	759	780	631	648	752	648	713	745	762	667		
	Tungsten	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2		
	Uranium	mg/kg	1.2	0.84	0.89	0.98	1.1	1.3	0.96	0.94	0.86	0.9	0.88	1	0.96	0.89	0.95	0.83	1	0.86		
	Vanadium	mg/kg	29.4	26.5	30.7	36.3	33.8	36.9	33.7	36.5	33.4	36.4	31	31.4	36.2	32.2	32.7	33.6	35.2	30.9		
	Zinc	mg/kg	32.5 J-	29 J-	30.4 J-	38.2 J-	30.2 J-	32.4 J-	31.9 J-	32.8 J-	31.8 J-	33.3 J-	30.7 J-	33.5 J-	36.7 J-	33.5 J-	33.3 J-	34.7 J-	32.5 J-	61.6 J-		
Zirconium	mg/kg	22.1	17.8 J+	23.7	23.4	19.8 J	22.5	22.1	4.9 J	23.8	24.6	22.2	21.6	23.6	24.5	22.9	22.4	22.4	26.9	25.1		
SW7471	Mercury	µg/kg	15 J	<6.68	7.3 J	10.1 J	13 J	14 J	<6.68	7.9 J	14.8 J	<6.68	11.3 J	<6.68	<6.68	14.4 J	<6.68	<6.68	7.9 J	14.4 J		
SW8015B	Gasoline Range Organics	mg/kg	<0.03	<0.029	<0.029	<0.03	<0.03	<0.031	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03		
SW8081	2,4-DDD	µg/kg	<0.12	<0.11	<0.11	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12		
	2,4-DDE	µg/kg	<0.092	2.2	3.5	<0.091	<0.094	<0.096	<0.092	<0.092	<0.092	<0.092	<0.093	<0.094	<0.092	<0.093	<0.093	<0.092	7.4 J	<0.092		
	4,4-DDD	µg/kg	<0.16	<0.16	<0.16	<0.16	<0.17	<0.17	<0.16	<0.16	<0.17	<0.17	<0.17	<0.17	<0.16	<0.17	<0.17	<0.17	<0.17	<0.16		
	4,4-DDE	µg/kg	<0.26	4.4	8.2	3.9 J+	<0.26	<0.27	3.5	<0.26	<0.26	<0.26	<0.26	<0.27	<0.26	<0.26	<0.26	<0.26	4.6 J	<0.26		
	4,4-DDT	µg/kg	<0.44	3.6	7.3	2.3 J+	<0.45	<0.46	<0.44	<0.44	<0.44	<0.44	<0.45	<0.45	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44		
	Aldrin	µg/kg	<0.09	<0.089	<0.089	<0.09	<0.092	<0.094	<0.09	<0.09	<0.091	<0.091	<0.092	<0.093	<0.09	<0.091	<0.091	<0.091	<0.091	<0.09		
	Chlordane	µg/kg	<2.3	<2.3	<2.3	<2.3	<2.4	<2.4	<2.3	<2.3	<2.4	<2.4	<2.4	<2.4	<2.3	<2.3	<2.4	<2.4	<2.4	<2.3		
	Dieldrin	µg/kg	<0.074	<0.074	<0.074	<0.074	<0.076	<0.078	<0.075	<0.075	<0.075	<0.075	<0.076	<0.077	<0.074	<0.075	<0.075	<0.075	<0.075	<0.074		
	Endosulfan I	µg/kg	<0.085	<0.085	<0.084	<0.085	<0.087	<0.089	<0.086	<0.086	<0.086	<0.086	<0.087	<0.088	<0.085	<0.087	<0.086	<0.086	<0.086	<0.085		
	Endosulfan II	µg/kg	<0.15	<0.15	<0.15	<0.15	<0.15	<0.16	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15		
	Endosulfan sulfate	µg/kg	<0.12	<0.12	<0.12	<0.12	<0.12	<0.13	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12		
	Endrin	µg/kg	<0.085	<0.085	<0.084	<0.085	<0.087	<0.089	<0.086	<0.086	<0.086	<0.086	<0.087	<0.088	<0.085	<0.087	<0.086	<0.086	<0.086	<0.085		
	Endrin aldehyde	µg/kg	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	3.6 J	<0.11	
	Endrin ketone	µg/kg	<0.39	<0.39	<0.39	<0.39	<0.4	<0.41	<0.39	<0.4	<0.4	<0.4	<0.4	<0.4	<0.39	<0.4	<0.39	<0.4	<0.4	<0.39		
	Heptachlor	µg/kg	<0.6	<0.6	<0.6	<0.6	<0.62	<0.63	<0.61	<0.61	<0.61	<0.61	<0.62	<0.62	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61		
	Heptachlor epoxide	µg/kg	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12		
	Lindane	µg/kg	<0.085	<0.085	<0.084	<0.085	<0.087	<0.089	<0.086	<0.086	<0.086	<0.086	<0.087	<0.088	<0.085	<0.087	<0.086	<0.086	<0.086	<0.085		
	Methoxychlor	µg/kg	<0.72	<0.71	<0.71	<0.72	<0.74	<0.75	<0.72	<0.72	<0.72	<0.73	<0.73	<0.74	<0.72	<0.73	<0.73	<0.73	<0.73	<0.72		
	Toxaphene	µg/kg	<7.3	<7.2	<7.2	<7.3	<7.5	<7.7	<7.3	<7.3	<7.4	<7.4	<7.5	<7.5	<7.3	<7.4	<7.4	<7.4	<7.4	<7.3		
	alpha-BHC	µg/kg	<0.099	<0.098	<0.098	<0.098	<0.1	<0.1	<0.099	<0.099	<0.099	<0.1	<0.1	<0.1	<0.099	<0.1	<0.1	<0.1	<0.099	<0.099		
alpha-Chlordane	µg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
beta-BHC	µg/kg	2.2	10	17	6 J+	<0.36	<0.37	3.5	<0.35	<0.36	<0.36	<0.36	11	5.3	2.8	5.9	5.9	6.2	<0.35			
delta-BHC	µg/kg	<0.085	<0.085	<0.084	<0.085	<0.087	<0.089	<0.086	<0.086	<0.086	<0.086	<0.087	<0.088	<0.085	<0.087	<0.086	<0.086	<0.086	<0.085			
gamma-Chlordane	µg/kg	<0.088	<0.087	<0.087	<0.087	<0.09	<0.092	<0.088	<0.088	<0.088	<0.088	<0.089	<0.09	<0.088	<0.089	<0.089	<0.089	<0.088	<0.088			
SW8260	1,1,1,2-Tetrachloroethane	µg/kg	<0.23	<0.23	<0.23	<0.23	<0.23	<0.24	<0.23	<0.23	<0.23	<0.23	<0.23	<0.24	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23		
	1,1,1-Trichloroethane	µg/kg	<0.15	<0.15	<0.15	<0.15	<0.15	<0.16	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15		
	1,1,2,2-Tetrachloroethane	µg/kg	<0.14	<0.14	<0.14	<0.14	<0.15	<0.15	<0.14	<0.14	<0.14	<0.15	<0.15	<0.15	<0.14	<0.15	<0.15	<0.14	<0.14	<0.14		
	1,1,2-Trichloroethane	µg/kg	<0.29	<0.29	<0.29	<0.29	<0.29	<0.3	<0.29	<0.29	<0.29	<0.29	<0.29	<0.3	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29		
	1,1-Dichloroethane	µg/kg	<0.97	<0.97	<0.97	<0.97	<0.99	<1	<0.97	<0.98	<0.97	<0.98	<0.98	<1	<0.98	<0.99	<0.99	<0.98	<0.97	<0.97		
	1,1-Dichloroethylene	µg/kg	<0.56	<0.56	<0.56	<0.56	<0.57	<0.58	<0.56	<0.56	<0.56	<0.57	<0.57	<0.58	<0.56	<0.57	<0.57	<0.56	<0.56	<0.56		
	1,1-Dichloropropene	µg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.31	<0.3	<0.3	<0.3	<0.3	<0.3	<0.31	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3		
	1,2,3-Trichlorobenzene	µg/kg	<0.79	<0.79	<0.79	<0.8	<0.81	<0.83	<0.79	<0.8	<0.8	<0.81	<0.81	<0.82	<0.8	<0.81	<0.81	<0.81	<0.8	<0.79		
	1,2,3-Trichloropropane	µg/kg	<0.56	<0.56	<0.56	<0.57	<0.58	<0.59	<0.57	<0.57	<0.57	<0.58	<0.57	<0.59	<0.57	<0.58	<0.58	<0.57	<0.57	<0.56		
	1,2,4-Trichlorobenzene	µg/kg	<0.74	<0.74	<0.74	<0.75	<0.76	<0.78	<0.75	<0.75	<0.75	<0.76	<0.76	<0.77	<0.75	<0.76	<0.76	<0.75	<0.75	<0.74		
	1,2,4-Trimethylbenzene	µg/kg	<0.22	0.57 J	0.41 J	0.43 J	<0.23	0.24 J	<0.22	0.23 J	<0.22	<0.23	<0.23	<0.23	<0.22	<0.23	0.25 J	<0.22	<0.22	<0.22		
	1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	<0.9	<0.9	<0.9	&																

TABLE C-2. BEC Tronox Parcels A-B Shallow Soil Data used in the Nevada Environmental Response Trust Site Henderson, Nevada

Analytic Method	Analyte	Unit	TSB-AR-14-0	TSB-AR-3-0	TSB-AR-9-0	TSB-BJ-01-0	TSB-BJ-02-0	TSB-BJ-06-0	TSB-BR-02-0	TSB-BR-03-0	TSB-BR-04-0	TSB-BR-04-0 (FD)	TSB-BR-05-0	TSB-BR-06-0	
			Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample
			9/6/2007	9/6/2007	9/6/2007	9/7/2007	9/7/2007	9/7/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/7/2007
SW6020	Silver	mg/kg	0.11 J	0.11 J	0.099 J	0.13 J	0.13 J	0.11 J	0.12 J	0.82	0.1 J	0.094 J	0.089 J	0.1 J	
	Sodium	mg/kg	542 J+	363 J+	342 J+	273 J+	369 J+	275 J+	552	427	504	548	369	698	
	Strontium	mg/kg	141 J	143 J	131 J	155	141	144	147 J	130 J	165 J	152 J	140 J	142	
	Thallium	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
	Tin	mg/kg	0.52	0.78	0.52	1.2	0.71	0.56	1.5	1.3	0.52	0.56	0.48	0.47	
	Titanium	mg/kg	613	709	552	752	982	760	544	537	547	530	507	788	
	Tungsten	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
	Uranium	mg/kg	0.83	0.91	0.79	0.87	1	0.9	0.74	0.69	0.91	0.94	0.71	0.9	
	Vanadium	mg/kg	29.4	30.7	27.8	38.2	53.4	37.5	28.5	25	24.2	26.9	25.3	37.1	
	Zinc	mg/kg	28.2 J-	30.1 J-	30.2 J-	211 J-	67.2 J-	43.6 J-	125	79	32 J+	32.2 J+	30.8 J+	33 J-	
Zirconium	mg/kg	21.3	23	21.8	24.2	24.1	21.3	21.1	20.6 J+	21.6	20.6	18.3 J+	20.6		
SW7471	Mercury	µg/kg	10.9 J	9.3 J	10.1 J	15.6 J	15.4 J	7.7 J	14.2 J	8.3 J	12.3 J	13.2 J	11.4 J	14.7 J	
SW8015B	Gasoline Range Organics	mg/kg	<0.03	<0.029	<0.03	<0.029	<0.029	<0.03	<0.03	<0.031	<0.03	<0.03	<0.029	<0.029	
SW8081	2,4-DDD	µg/kg	<0.12	<0.11	<0.12	<0.11	<0.11	<0.12	<0.12	<0.12	<0.12	<0.12	<0.11	<0.11	
	2,4-DDE	µg/kg	<0.093	<0.091	<0.092	<0.091	3.4	2.3 J	<0.091	<0.095	<0.093	<0.092	<0.091	<0.091	
	4,4-DDD	µg/kg	<0.17	<0.16	<0.16	<0.16	<0.16	<0.17	<0.16	<0.17	<0.17	<0.17	<0.16	<0.16	
	4,4-DDE	µg/kg	<0.26	<0.26	2	2 J+	8.4 J+	14 J+	<0.26	7.9 J+	<0.26	1.8	<0.26	2.4 J+	
	4,4-DDT	µg/kg	<0.44	<0.43	<0.44	<0.43	3.2 J	12 J+	<0.44	3.5 J+	<0.44	<0.44	<0.43	<0.43	
	Aldrin	µg/kg	<0.091	<0.089	<0.09	<0.089	<0.089	<0.093	<0.09	<0.093	<0.091	<0.09	<0.089	<0.089	
	Chlordane	µg/kg	<2.4	<2.3	<2.3	<2.3	<2.3	<2.4	<2.3	<2.4	<2.4	<2.3	<2.3	<2.3	
	Dieldrin	µg/kg	<0.076	<0.074	<0.075	<0.074	<0.074	<0.077	<0.074	<0.077	<0.075	<0.075	<0.074	<0.074	
	Endosulfan I	µg/kg	<0.087	<0.085	<0.086	<0.085	<0.085	<0.088	<0.085	<0.088	<0.086	<0.086	<0.085	<0.084	
	Endosulfan II	µg/kg	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.16	<0.15	<0.15	<0.15	<0.15	
	Endosulfan sulfate	µg/kg	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	
	Endrin	µg/kg	<0.087	<0.085	<0.086	<0.085	<0.085	<0.088	<0.085	<0.088	<0.086	<0.086	<0.085	<0.084	
	Endrin aldehyde	µg/kg	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	
	Endrin ketone	µg/kg	<0.4	<0.39	<0.39	<0.39	<0.39	<0.41	<0.39	<0.41	<0.4	<0.4	<0.39	<0.39	
	Heptachlor	µg/kg	<0.61	<0.6	<0.61	<0.6	<0.6	<0.62	<0.6	<0.62	<0.61	<0.61	<0.6	<0.6	
	Heptachlor epoxide	µg/kg	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	
	Lindane	µg/kg	<0.087	<0.085	<0.086	<0.085	<0.085	<0.088	<0.085	<0.088	<0.086	<0.086	<0.085	<0.084	
	Methoxychlor	µg/kg	<0.73	<0.71	<0.72	<0.71	<0.72	<0.74	<0.72	<0.74	<0.73	<0.72	<0.72	<0.71	
	Toxaphene	µg/kg	<7.4	<7.3	<7.3	<7.3	<7.3	<7.5	<7.3	<7.6	<7.4	<7.4	<7.3	<7.2	
	alpha-BHC	µg/kg	<0.1	<0.098	<0.099	<0.098	<0.098	<0.1	<0.098	<0.1	<0.1	<0.099	<0.098	<0.098	
alpha-Chlordane	µg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1		
beta-BHC	µg/kg	2.7	6.5	1.7	7.8 J+	15 J+	23 J+	<0.35	59	9.9	11	<0.35	11 J+		
delta-BHC	µg/kg	<0.087	<0.085	<0.086	<0.085	<0.085	<0.088	<0.085	<0.088	<0.086	<0.086	<0.085	<0.084		
gamma-Chlordane	µg/kg	<0.089	<0.087	<0.088	<0.087	<0.087	<0.09	<0.087	<0.091	<0.089	<0.088	<0.087	<0.087		
SW8260	1,1,1,2-Tetrachloroethane	µg/kg	<0.23	<0.23	<0.23	<0.23	<0.23	<0.24	<0.23	<0.24	<0.23	<0.23	<0.23	<0.23	
	1,1,1-Trichloroethane	µg/kg	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	
	1,1,2,2-Tetrachloroethane	µg/kg	<0.15	<0.14	<0.14	<0.14	<0.14	<0.15	<0.14	<0.15	<0.15	<0.15	<0.14	<0.14	
	1,1,2-Trichloroethane	µg/kg	<0.29	<0.28	<0.29	<0.29	<0.29	<0.3	<0.29	<0.3	<0.29	<0.29	<0.29	<0.29	
	1,1-Dichloroethane	µg/kg	<0.98	<0.96	<0.97	<0.97	<0.97	<1	<0.97	<1	<0.99	<0.98	<0.97	<0.97	
	1,1-Dichloroethylene	µg/kg	<0.57	<0.55	<0.56	<0.56	<0.56	<0.58	<0.56	<0.58	<0.57	<0.57	<0.56	<0.56	
	1,1-Dichloropropene	µg/kg	<0.3	<0.29	<0.3	<0.3	<0.3	<0.31	<0.3	<0.31	<0.3	<0.3	<0.3	<0.3	
	1,2,3-Trichlorobenzene	µg/kg	<0.8	<0.78	<0.79	<0.79	<0.79	<0.82	<0.8	<0.82	<0.81	<0.8	<0.79	<0.79	
	1,2,3-Trichloropropane	µg/kg	<0.57	<0.56	<0.57	<0.57	<0.57	<0.59	<0.57	<0.59	<0.58	<0.57	<0.57	<0.56	
	1,2,4-Trichlorobenzene	µg/kg	<0.76	<0.74	<0.75	<0.75	<0.75	<0.77	<0.75	<0.78	<0.76	<0.76	<0.75	<0.74	
	1,2,4-Trimethylbenzene	µg/kg	<0.22	<0.22	<0.22	0.39 J	0.35 J	0.31 J	0.23 J	<0.23	0.31 J	0.31 J	0.24 J	0.37 J	
	1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	<0.92	<0.9	<0.91	<0.9	<0.91	<0.94	<0.91	<0.94	<0.92	<0.92	<0.91	<0.9	
	1,2-Dichlorobenzene	µg/kg	<0.15	<0.15	<0.15	<0.15	<0.15	<0.16	<0.15	<0.16	<0.16	<0.15	<0.15	<0.15	
	1,2-Dichloroethane	µg/kg	<0.45	<0.44	<0.45	<0.45	<0.45	<0.46	<0.45	<0.46	<0.45	<0.45	<0.45	<0.44	
	1,2-Dichloroethylene	µg/kg	<0.56	<0.55	<0.55	<0.55	<0.55	<0.57	<0.56	<0.57	<0.56	<0.56	<0.55	<0.55	

TABLE C-2. BEC Tronox Parcels A-B Shallow Soil Data used in the OU-2 SLERA

Nevada Environmental Response Trust Site

Henderson, Nevada

Analytic Method	Analyte	Unit	TSB-AJ-01-0	TSB-AJ-02-0	TSB-AJ-02-0 (FD)	TSB-AJ-03-0	TSB-AR-01-0	TSB-AR-01-0 (FD)	TSB-AR-02-0	TSB-AR-04-0	TSB-AR-05-0	TSB-AR-06-0	TSB-AR-06-0 (FD)	TSB-AR-07-0	TSB-AR-08-0	TSB-AR-10-0	TSB-AR-11-0	TSB-AR-11-0 (FD)	TSB-AR-12-0	TSB-AR-13-0		
			Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample
			9/7/2007	9/7/2007	9/7/2007	9/7/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/7/2007	9/7/2007	9/5/2007	9/6/2007	9/6/2007	9/6/2007	9/6/2007	9/6/2007	9/6/2007
SW8260	1,2-Dichloropropane	µg/kg	<0.38	<0.38	<0.38	<0.38	<0.39	<0.4	<0.38	<0.38	<0.38	<0.39	<0.39	<0.39	<0.38	<0.39	<0.39	<0.38	<0.38	<0.38		
	1,3,5- Trichlorobenzene	µg/kg	<0.69	<0.69	<0.69	<0.69	<0.7	<0.72	<0.69	<0.7	<0.69	<0.7	<0.7	<0.71	<0.69	<0.7	<0.7	<0.69	<0.69	<0.69		
	1,3,5-Trimethylbenzene	µg/kg	<0.21	<0.21	<0.21	<0.22	<0.22	<0.22	<0.21	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22		
	1,3-Dichlorobenzene	µg/kg	<0.13	<0.13	<0.13	<0.13	<0.14	<0.14	<0.13	<0.13	<0.13	<0.13	<0.13	<0.14	<0.13	<0.14	<0.13	<0.13	<0.13	<0.13		
	1,3-Dichloropropane	µg/kg	<0.18	<0.18	<0.18	<0.18	<0.19	<0.19	<0.18	<0.18	<0.18	<0.19	<0.19	<0.19	<0.18	<0.19	<0.19	<0.19	<0.18	<0.18		
	1,4-Dichlorobenzene	µg/kg	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	
	1-Nonanal	µg/kg	<0.89	<0.89	<0.89	<0.9	<0.91	<0.94	<0.89	<0.9	<0.9	<0.91	<0.91	<0.93	<0.9	<0.91	<0.91	<0.91	<0.9	<0.9	<0.89	
	2,2,3-Trimethylbutane	µg/kg	<0.21	<0.21	<0.21	<0.21	<0.22	<0.22	<0.21	<0.22	<0.21	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.21	<0.21	
	2,2-Dichloropropane	µg/kg	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	
	2,2-Dimethylpentane	µg/kg	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.28	<0.29	<0.28	<0.28	<0.28	<0.28	<0.28	
	2,3-Dimethylpentane	µg/kg	<0.23	<0.23	<0.23	<0.23	<0.23	<0.24	<0.23	<0.23	<0.23	<0.23	<0.23	<0.24	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	
	2,4-Dimethylpentane	µg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.21	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
	2-Chlorotoluene	µg/kg	<0.46	<0.46	<0.46	<0.47	<0.47	<0.48	<0.46	<0.47	<0.47	<0.47	<0.47	<0.48	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.46	
	2-Nitropropane	µg/kg	<1.8	<1.8	<1.8	<1.8	<1.8	<1.9	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	
	2-Phenylbutane	µg/kg	<0.25	<0.25	<0.25	<0.25	<0.26	<0.26	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.26	<0.25	<0.26	<0.25	<0.25	<0.25	<0.25	
	3,3-dimethylpentane	µg/kg	<0.21	<0.21	<0.21	<0.21	<0.21	<0.22	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	
	3-Methylhexane	µg/kg	<0.14	<0.14	<0.14	<0.14	<0.15	<0.15	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.15	<0.14	<0.15	<0.15	<0.14	<0.14	<0.14	
	3-ethylpentane	µg/kg	<0.21	<0.21	<0.21	<0.21	<0.22	<0.22	<0.21	<0.22	<0.21	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.21	<0.21	
	4-Chlorotoluene	µg/kg	<0.89	<0.89	<0.89	<0.9	<0.92	<0.94	<0.9	<0.91	<0.9	<0.91	<0.91	<0.93	<0.9	<0.92	<0.91	<0.9	<0.9	<0.9	<0.89	
	Acetone	µg/kg	<3.9	<3.9	<3.9	<3.9	16 J	15 J	13 J	7.7 J	<3.9	<3.9	<3.9	<3.9	6.5 J	<3.9	<4	<3.9	<3.9	<3.9	<3.9	
	Acetonitrile	µg/kg	<2 UJ	<2 UJ	<2 UJ	<2 UJ	<2.1 UJ	<2.1 UJ	<2 UJ	<2 UJ	<2 UJ	<2 UJ	<2 UJ	<2 UJ	<2.1 UJ	<2 UJ	<2.1 UJ	<2.1 UJ	<2 UJ	<2 UJ	<2 UJ	
	Benzene	µg/kg	<0.17	<0.17	<0.17	<0.17	<0.18	<0.18	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.18	<0.17	<0.18	<0.18	<0.17	<0.17	<0.17	
	Bromobenzene	µg/kg	<0.23	<0.23	<0.23	<0.23	<0.23	<0.24	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.24	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	
	Bromodichloromethane	µg/kg	<0.34	<0.34	<0.34	<0.34	<0.35	<0.36	<0.34	<0.34	<0.34	<0.34	<0.35	<0.35	<0.35	<0.34	<0.35	<0.35	<0.34	<0.34	<0.34	
	Bromomethane	µg/kg	<0.32	<0.32	<0.32	<0.32	<0.32	<0.33	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.33	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	
	CFC-11	µg/kg	<0.51	<0.51	<0.51	<0.51	<0.52	<0.53	<0.51	<0.52	<0.51	<0.52	<0.52	<0.52	<0.53	<0.52	<0.52	<0.52	<0.52	<0.51	<0.51	
	CFC-12	µg/kg	<0.38	<0.38	<0.38	<0.38	<0.39	<0.4	<0.38	<0.38	<0.38	<0.39	<0.39	<0.39	<0.39	<0.38	<0.39	<0.39	<0.38	<0.38	<0.38	
	Carbon disulfide	µg/kg	<0.56	<0.56	<0.56	<0.56	<0.57	<0.58	<0.56	<0.57	<0.56	<0.57	<0.57	<0.58	<0.56	<0.57	<0.57	<0.57	<0.56	<0.56	<0.56	
	Carbon tetrachloride	µg/kg	<0.92	<0.92	<0.92	<0.92	<0.94	<0.96	<0.92	<0.93	<0.92	<0.94	<0.93	<0.95	<0.93	<0.94	<0.94	<0.94	<0.93	<0.92	<0.92	
	Chlorinated fluorocarbon (Freon 113)	µg/kg	<0.54	<0.54	<0.54	<0.55	<0.56	<0.57	<0.54	<0.55	<0.55	<0.55	<0.55	<0.55	<0.56	<0.55	<0.56	<0.55	<0.55	<0.55	<0.54	
	Chlorobenzene	µg/kg	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	
	Chlorobromomethane	µg/kg	<0.42	<0.42	<0.42	<0.42	<0.43	<0.44	<0.42	<0.42	<0.42	<0.43	<0.43	<0.43	<0.43	<0.42	<0.43	<0.43	<0.43	<0.42	<0.42	
	Chlorodibromomethane	µg/kg	<0.3	<0.29	<0.29	<0.29	<0.3	<0.31	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	
	Chloroethane	µg/kg	<0.36	<0.36	<0.36	<0.36	<0.36	<0.37	<0.36	<0.36	<0.36	<0.36	<0.36	<0.37	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	
	Chloroform	µg/kg	<0.14	<0.14	<0.14	<0.15	<0.15	<0.15	<0.14	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.14	<0.14	
	Chloromethane	µg/kg	<0.45	<0.45	<0.45	<0.45	<0.46	<0.47	<0.45	<0.46	<0.45	<0.46	<0.46	<0.46	<0.47	<0.46	<0.46	<0.46	<0.46	<0.45	<0.45	
	Cymene	µg/kg	<0.24	<0.24	<0.24	<0.24	<0.25	<0.26	<0.24	<0.24	<0.25	<0.25	<0.25	<0.25	<0.25	<0.24	<0.25	<0.25	<0.25	<0.25	<0.24	
	Dibromomethane	µg/kg	<0.36	<0.36	<0.36	<0.36	<0.36	<0.37	<0.36	<0.36	<0.36	<0.36	<0.36	<0.37	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	
	Dichloromethane	µg/kg	<2.5	<2.5	<2.5	<2.6	<2.6	<2.7	<2.5	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.5	
	Ethanol	µg/kg	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<210 UJ	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200 UJ	
Ethylbenzene	µg/kg	<0.19	<0.19	<0.19	<0.19	<0.19	<0.2	<0.19	0.2 J	<0.19	<0.19	<0.19	<0.19	<0.2	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19		
Hexane, 2-methyl-	µg/kg	<0.21	<0.21	<0.21	<0.21	<0.21	<0.22	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21		
Isopropylbenzene	µg/kg	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.19	<0.18	<0.18	<0.18	<0.18	<0.18	<0.19	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18		
MTBE (Methyl tert-butyl ether)	µg/kg	<0.47	<0.47	<0.47	<0.47	<0.48	<0.49	<0.47	<0.47	<0.47	<0.48	<0.48	<0.48	<0.48	<0.47	<0.48	<0.48	<0.47	<0.47	<0.47		
Methyl disulfide	µg/kg	<0.22	<0.22	<0.22	<0.22	<0.22	<0.23	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22		
Methyl ethyl ketone	µg/kg	<1.4	<1.4	<1.4																		

TABLE C-2. BEC Tronox Parcels A-B Shallow Soil Data used in the Nevada Environmental Response Trust Site Henderson, Nevada

Analytic Method	Analyte	Unit	TSB-AR-14-0	TSB-AR-3-0	TSB-AR-9-0	TSB-BJ-01-0	TSB-BJ-02-0	TSB-BJ-06-0	TSB-BR-02-0	TSB-BR-03-0	TSB-BR-04-0	TSB-BR-04-0 (FD)	TSB-BR-05-0	TSB-BR-06-0	
			Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample
			9/6/2007	9/6/2007	9/6/2007	9/7/2007	9/7/2007	9/7/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/7/2007
SW8260	1,2-Dichloropropane	µg/kg	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.39	<0.38	<0.39	<0.39	<0.38	<0.38	
	1,3,5- Trichlorobenzene	µg/kg	<0.7	<0.68	<0.69	<0.69	<0.69	<0.71	<0.69	<0.72	<0.7	<0.7	<0.69	<0.69	
	1,3,5-Trimethylbenzene	µg/kg	<0.22	<0.21	<0.21	<0.21	<0.21	<0.22	<0.22	<0.22	<0.22	<0.22	<0.21	<0.21	
	1,3-Dichlorobenzene	µg/kg	<0.13	<0.13	<0.13	<0.13	<0.13	<0.14	<0.13	<0.14	<0.13	<0.13	<0.13	<0.13	
	1,3-Dichloropropane	µg/kg	<0.18	<0.18	<0.18	<0.18	<0.18	<0.19	<0.18	<0.19	<0.19	<0.18	<0.18	<0.18	
	1,4-Dichlorobenzene	µg/kg	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	
	1-Nonanal	µg/kg	<0.91	<0.89	<0.89	<0.89	<0.9	<0.93	<0.9	<0.93	<0.91	<0.91	<0.9	<0.89	
	2,2,3-Trimethylbutane	µg/kg	<0.22	<0.21	<0.21	<0.21	<0.21	<0.22	<0.21	<0.22	<0.22	<0.22	<0.21	<0.21	
	2,2-Dichloropropane	µg/kg	<0.18	<0.17	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	
	2,2-Dimethylpentane	µg/kg	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.28	<0.29	<0.29	<0.28	<0.28	<0.28	
	2,3-Dimethylpentane	µg/kg	<0.23	<0.23	<0.23	<0.23	<0.23	<0.24	<0.23	<0.24	<0.23	<0.23	<0.23	<0.23	
	2,4-Dimethylpentane	µg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
	2-Chlorotoluene	µg/kg	<0.47	<0.46	<0.46	<0.46	<0.46	<0.48	<0.47	<0.48	<0.47	<0.47	<0.46	<0.46	
	2-Nitropropane	µg/kg	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	
	2-Phenylbutane	µg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.26	<0.25	<0.26	<0.26	<0.25	<0.25	<0.25	
	3,3-dimethylpentane	µg/kg	<0.21	<0.2	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	
	3-Methylhexane	µg/kg	<0.14	<0.14	<0.14	<0.14	<0.14	<0.15	<0.14	<0.15	<0.15	<0.14	<0.14	<0.14	
	3-ethylpentane	µg/kg	<0.22	<0.21	<0.21	<0.21	<0.21	<0.22	<0.21	<0.22	<0.22	<0.22	<0.21	<0.21	
	4-Chlorotoluene	µg/kg	<0.91	<0.89	<0.9	<0.9	<0.9	<0.93	<0.9	<0.93	<0.91	<0.91	<0.9	<0.89	
	Acetone	µg/kg	<3.9	<3.8	<3.9	<3.9	<3.9	<4	<3.9	<4	<4	<3.9	<3.9	<3.9	
	Acetonitrile	µg/kg	<2 UJ	<2 UJ	<2 UJ	<2 UJ	<2 UJ	<2.1 UJ	<2 UJ	<2.1 UJ	<2.1 UJ	<2 UJ	<2 UJ	<2 UJ	
	Benzene	µg/kg	<0.17	<0.17	<0.17	<0.17	<0.17	<0.18	<0.17	<0.18	<0.18	<0.17	<0.17	<0.17	
	Bromobenzene	µg/kg	<0.23	<0.23	<0.23	<0.23	<0.23	<0.24	<0.23	<0.24	<0.23	<0.23	<0.23	<0.23	
	Bromodichloromethane	µg/kg	<0.34	<0.34	<0.34	<0.34	<0.34	<0.35	<0.34	<0.35	<0.35	<0.34	<0.34	<0.34	
	Bromomethane	µg/kg	<0.32	<0.31	<0.32	<0.32	<0.32	<0.33	<0.32	<0.33	<0.32	<0.32	<0.32	<0.32	
	CFC-11	µg/kg	<0.52	<0.51	<0.51	<0.51	<0.51	<0.53	<0.51	<0.53	<0.52	<0.52	<0.51	<0.51	
	CFC-12	µg/kg	<0.39	<0.38	<0.38	<0.38	<0.38	<0.39	<0.38	<0.4	<0.39	<0.39	<0.38	<0.38	
	Carbon disulfide	µg/kg	<0.57	<0.55	<0.56	<0.56	<0.56	<0.58	<0.56	<0.58	<0.57	<0.57	<0.56	<0.56	
	Carbon tetrachloride	µg/kg	<0.93	<0.91	<0.92	<0.92	<0.92	<0.95	<0.92	<0.96	<0.94	<0.93	<0.92	<0.92	
	Chlorinated fluorocarbon (Freon 113)	µg/kg	<0.55	<0.54	<0.54	<0.54	<0.54	<0.56	<0.55	<0.57	<0.55	<0.55	<0.54	<0.54	
	Chlorobenzene	µg/kg	<0.13	<0.12	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	
	Chlorobromomethane	µg/kg	<0.43	<0.42	<0.42	<0.42	<0.42	<0.43	<0.42	<0.44	<0.43	<0.42	<0.42	<0.42	
	Chlorodibromomethane	µg/kg	<0.3	<0.29	<0.3	<0.29	<0.29	<0.3	<0.29	<0.3	<0.3	<0.3	<0.29	<0.29	
	Chloroethane	µg/kg	<0.36	<0.35	<0.36	<0.36	<0.36	<0.37	<0.36	<0.37	<0.36	<0.36	<0.36	<0.36	
	Chloroform	µg/kg	<0.15	<0.14	<0.14	<0.14	<0.14	<0.15	<0.15	<0.15	<0.15	<0.15	<0.14	<0.14	
	Chloromethane	µg/kg	<0.46	<0.45	<0.45	<0.45	<0.45	<0.47	<0.45	<0.47	<0.46	<0.46	<0.45	<0.45	
	Cymene	µg/kg	<0.25	<0.24	<0.24	<0.24	<0.24	<0.25	<0.24	<0.25	<0.25	<0.25	<0.24	<0.24	
	Dibromomethane	µg/kg	<0.36	<0.35	<0.36	<0.36	<0.36	<0.37	<0.36	<0.37	<0.36	<0.36	<0.36	<0.36	
	Dichloromethane	µg/kg	<2.6	<2.5	<2.5	<2.5	<2.5	<2.6	<2.6	<2.6	<2.6	<2.6	<2.5	<2.5	
	Ethanol	µg/kg	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<200 UJ	<210 UJ	<200 UJ	<200 UJ	<200 UJ	<200 UJ	
Ethylbenzene	µg/kg	<0.19	0.24 J	<0.19	<0.19	<0.19	<0.2	<0.19	<0.2	<0.19	<0.19	<0.19	<0.19		
Hexane, 2-methyl-	µg/kg	<0.21	<0.2	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21		
Isopropylbenzene	µg/kg	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.19	<0.18	<0.19	<0.18	<0.18	<0.18		
MTBE (Methyl tert-butyl ether)	µg/kg	<0.47	<0.46	<0.47	<0.47	<0.47	<0.49	<0.47	<0.49	<0.48	<0.47	<0.47	<0.47		
Methyl disulfide	µg/kg	<0.22	<0.21	<0.22	<0.22	<0.22	<0.22	<0.22	<0.23	<0.22	<0.22	<0.22	<0.22		
Methyl ethyl ketone	µg/kg	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.5	<1.4	<1.4	<1.4	<1.4		
Methyl iodide	µg/kg	<0.27	<0.26	<0.26	<0.26	<0.26	<0.27	<0.26	<0.27	<0.27	<0.26	<0.26	<0.26		
Methyl isobutyl ketone	µg/kg	<1.7	<1.6	<1.6	<1.6	<1.6	<1.7	<1.6	<1.7	<1.7	<1.7	<1.6	<1.6		
Methyl n-butyl ketone	µg/kg	<0.29	<0.28	<0.29	<0.29	<0.29	<0.3	<0.29	<0.3	<0.29	<0.29	<0.29	<0.28		
Styrene (monomer)	µg/kg	<1.2	<1.2	<1.2	<1.2	<1.2	<1.3	<1.2	<1.3	<1.2	<1.2	<1.2	<1.2		
Tetrachloroethylene	µg/kg	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.28	<0.29	<0.28	<0.28	<0.28	<0.28		
Toluene	µg/kg	<0.14	<0.13	<0.13	<0.13	<0.13	0.31 J	<0.13	<0.14	<0.14	<0.13	<0.13	<0.13		

TABLE C-2. BEC Tronox Parcels A-B Shallow Soil Data used in the OU-2 SLERA

Nevada Environmental Response Trust Site

Henderson, Nevada

Analytic Method	Analyte	Unit	TSB-AJ-01-0	TSB-AJ-02-0	TSB-AJ-02-0 (FD)	TSB-AJ-03-0	TSB-AR-01-0	TSB-AR-01-0 (FD)	TSB-AR-02-0	TSB-AR-04-0	TSB-AR-05-0	TSB-AR-06-0	TSB-AR-06-0 (FD)	TSB-AR-07-0	TSB-AR-08-0	TSB-AR-10-0	TSB-AR-11-0	TSB-AR-11-0 (FD)	TSB-AR-12-0	TSB-AR-13-0		
			Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample
			9/7/2007	9/7/2007	9/7/2007	9/7/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/7/2007	9/7/2007	9/5/2007	9/6/2007	9/6/2007	9/6/2007	9/6/2007	9/6/2007	9/6/2007
SW8260	Tribromomethane	µg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.26	<0.25	<0.25	<0.25	<0.25	<0.25	<0.26	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	Trichloroethylene	µg/kg	<0.36	<0.36	<0.36	<0.37	<0.37	<0.38	<0.36	<0.37	<0.37	<0.37	<0.37	<0.38	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.36	
	Vinyl acetate	µg/kg	<0.18	<0.18	<0.18	<0.18	<0.18	<0.19	<0.18	<0.18	<0.18	<0.18	<0.18	<0.19	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	
	Vinyl chloride	µg/kg	<0.24	<0.24	<0.24	<0.24	<0.25	<0.25	<0.24	<0.24	<0.24	<0.25	<0.24	<0.25	<0.24	<0.24	<0.25	<0.25	<0.24	<0.24	<0.24	
	Xylenes (total)	µg/kg	<0.87	<0.87	<0.87	<0.88	<0.89	<0.91	<0.87	<0.88	<0.88	<0.89	<0.89	<0.9	<0.88	<0.89	<0.89	<0.89	<0.88	<0.87	<0.87	
	cis-1,2-Dichloroethylene	µg/kg	<0.43	<0.43	<0.43	<0.44	<0.44	<0.46	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.45	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.43
	cis-1,3-Dichloropropylene	µg/kg	<0.74	<0.74	<0.74	<0.74	<0.76	<0.77	<0.74	<0.75	<0.74	<0.74	<0.75	<0.75	<0.77	<0.75	<0.76	<0.75	<0.75	<0.74	<0.74	<0.74
	m,p-Xylene	µg/kg	<0.58	<0.58	<0.57	<0.58	<0.59	<0.6	<0.58	<0.58	<0.58	<0.59	<0.59	<0.6	<0.58	<0.59	<0.59	<0.59	<0.58	<0.58	<0.58	
	n-Butyl benzene	µg/kg	<0.54	<0.54	<0.54	<0.54	<0.55	<0.56	<0.54	<0.55	<0.54	<0.55	<0.55	<0.55	<0.56	<0.54	<0.55	<0.55	<0.54	<0.54	<0.54	
	n-Heptane	µg/kg	<0.17	<0.17	<0.17	<0.17	<0.17	<0.18	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
	n-Propyl benzene	µg/kg	<0.96	<0.96	<0.96	<0.97	<0.98	<1	<0.96	<0.97	<0.97	<0.98	<0.98	<1	<0.97	<0.98	<0.98	<0.98	<0.97	<0.96	<0.96	
	o-Xylene	µg/kg	<0.31	<0.31	<0.31	<0.31	<0.32	<0.33	<0.31	<0.31	<0.31	<0.32	<0.32	<0.32	<0.32	<0.31	<0.32	<0.32	<0.31	<0.31	<0.31	
	tert-Butyl benzene	µg/kg	<0.27	<0.27	<0.27	<0.27	<0.28	<0.28	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.28	<0.27	<0.28	<0.27	<0.27	<0.27	<0.27	
	trans-1,2-Dichloroethylene	µg/kg	<0.22	<0.22	<0.22	<0.23	<0.23	<0.24	<0.22	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	
trans-1,3-Dichloropropylene	µg/kg	<0.2	<0.21	<0.2	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21		
SW8270	1,2,4,5-Tetrachlorobenzene	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	1,2-Diphenylhydrazine	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	1,4-Dioxane	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	2,4,5-Trichlorophenol	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	2,4,6-Trichlorophenol	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	2,4-Dichlorophenol	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	2,4-Dimethylphenol	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	2,4-Dinitrophenol	µg/kg	<340	<340	<330	<340	<350	<350	<340	<340	<340	<340	<340	<350	<340	<340	<340	<340	<340	<340		
	2,4-Dinitrotoluene	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	2,6-Dinitrotoluene	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	2-Chloronaphthalene	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	2-Chlorophenol	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	2-Methylnaphthalene	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	2-Nitroaniline	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	2-Nitrophenol	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	3,3'-Dichlorobenzidine	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	3-Methylphenol & 4-Methylphenol	µg/kg	<68	<68	<68	<68	<70	<72	<68	<68	<68	<69	<69	<70	<70	<68	<69	<69	<69	<69		
	3-Nitroaniline	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	4-Bromophenyl phenyl ether	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	4-Chloro-3-Methylphenol	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	4-Chlorophenyl phenyl ether	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	4-Chlorothiobanisole	µg/kg	<7.8	<7.7	<7.7	<7.8	<8	<8.2	<7.8	<7.8	<7.9	<7.9	<7.9	<8	<7.8	<7.9	<7.9	<7.9	<7.9	<7.8		
	4-Nitrophenol	µg/kg	<340	<340	<330	<340	<350	<350	<340	<340	<340	<340	<340	<350	<340	<340	<340	<340	<340	<340		
	Acetophenone	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	Aniline	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	Azobenzene	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	Benzenethiol	µg/kg	<130	<130	<120	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130		
	Benzoic acid	µg/kg	<34 UJ	<34 UJ	<34 UJ	<34 UJ	<35 UJ	<36 UJ	<34 UJ	<34 UJ	<34 UJ	<34 UJ	<35 UJ	<35 UJ	<34 UJ	<35 UJ	<35 UJ	<34 UJ	<34 UJ	<34 UJ		
	Benzyl alcohol	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	Benzyl butyl phthalate	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
Carbazole	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34			
Di-n-octyl phthalate	µg/kg	<15	<15	<15	<15	<16	<16	<15	<15	<15	<15	<15	<16	<15	<15	<15	<15	<15	<15			
Dibenzofuran	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34			
Dibutyl phthalate	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34			
Diethyl phthalate	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34			
Dimethyl phthalate	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	&												

TABLE C-2. BEC Tronox Parcels A-B Shallow Soil Data used in the Nevada Environmental Response Trust Site Henderson, Nevada

Analytic Method	Analyte	Unit	TSB-AR-14-0	TSB-AR-3-0	TSB-AR-9-0	TSB-BJ-01-0	TSB-BJ-02-0	TSB-BJ-06-0	TSB-BR-02-0	TSB-BR-03-0	TSB-BR-04-0	TSB-BR-04-0 (FD)	TSB-BR-05-0	TSB-BR-06-0	
			Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample
			9/6/2007	9/6/2007	9/6/2007	9/7/2007	9/7/2007	9/7/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/7/2007
SW8260	Tribromomethane	µg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.26	<0.25	<0.26	<0.25	<0.25	<0.25	<0.25	
	Trichloroethylene	µg/kg	<0.37	<0.36	<0.36	<0.36	<0.36	<0.38	<0.37	<0.38	<0.37	<0.37	<0.36	<0.36	
	Vinyl acetate	µg/kg	<0.18	<0.18	<0.18	<0.18	<0.18	<0.19	<0.18	<0.19	<0.18	<0.18	<0.18	<0.18	
	Vinyl chloride	µg/kg	<0.24	<0.24	<0.24	<0.24	<0.24	<0.25	<0.24	<0.25	<0.25	<0.24	<0.24	<0.24	
	Xylenes (total)	µg/kg	<0.88	<0.86	<0.87	<0.87	<0.87	<0.9	<0.88	<0.91	<0.89	<0.88	<0.87	<0.87	
	cis-1,2-Dichloroethylene	µg/kg	<0.44	<0.43	<0.44	<0.44	<0.44	<0.45	<0.44	<0.45	<0.44	<0.44	<0.44	<0.43	
	cis-1,3-Dichloropropylene	µg/kg	<0.75	<0.73	<0.74	<0.74	<0.74	<0.77	<0.74	<0.77	<0.75	<0.75	<0.74	<0.74	
	m,p-Xylene	µg/kg	<0.58	<0.57	<0.58	<0.58	<0.58	<0.6	<0.58	<0.6	<0.59	<0.58	<0.58	<0.57	
	n-Butyl benzene	µg/kg	<0.55	<0.53	<0.54	<0.54	<0.54	<0.56	<0.54	<0.56	<0.55	<0.55	<0.54	<0.54	
	n-Heptane	µg/kg	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	
	n-Propyl benzene	µg/kg	<0.97	<0.95	<0.96	<0.96	<0.96	<1	<0.97	<1	<0.98	<0.97	<0.96	<0.96	
	o-Xylene	µg/kg	<0.32	<0.31	<0.31	<0.31	<0.31	<0.32	<0.31	<0.32	<0.32	<0.32	<0.31	<0.31	
	tert-Butyl benzene	µg/kg	<0.27	<0.27	<0.27	<0.27	<0.27	<0.28	<0.27	<0.28	<0.27	<0.27	<0.27	<0.27	
	trans-1,2-Dichloroethylene	µg/kg	<0.23	<0.22	<0.22	<0.22	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.22	<0.22	
trans-1,3-Dichloropropylene	µg/kg	<0.21	<0.2	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.2		
SW8270	1,2,4,5-Tetrachlorobenzene	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	1,2-Diphenylhydrazine	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	1,4-Dioxane	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	2,4,5-Trichlorophenol	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	2,4,6-Trichlorophenol	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	2,4-Dichlorophenol	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	2,4-Dimethylphenol	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	2,4-Dinitrophenol	µg/kg	<340	<340	<340	<340	<340	<350	<340	<350	<340	<340	<340	<330	
	2,4-Dinitrotoluene	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	2,6-Dinitrotoluene	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	2-Chloronaphthalene	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	2-Chlorophenol	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	2-Methylnaphthalene	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	2-Nitroaniline	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	2-Nitrophenol	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	3,3'-Dichlorobenzidine	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	3-Methylphenol & 4-Methylphenol	µg/kg	<69	<68	<68	<68	<68	<70	<68	<71	<69	<69	<68	<68	
	3-Nitroaniline	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	4-Bromophenyl phenyl ether	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	4-Chloro-3-Methylphenol	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	4-Chlorophenyl phenyl ether	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	4-Chlorothioanisole	µg/kg	<7.9	<7.7	<7.8	<7.7	<7.7	<8	<7.8	<8.1	<7.9	<7.8	<7.7	<7.7	
	4-Nitrophenol	µg/kg	<340	<340	<340	<340	<340	<350	<340	<350	<340	<340	<340	<330	
	Acetophenone	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	Aniline	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	Azobenzene	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	Benzenethiol	µg/kg	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<120	
	Benzoic acid	µg/kg	<35 UJ	<34 UJ	<34 UJ	<34 UJ	<34 UJ	<35 UJ	<34 UJ	<35 UJ	<35 UJ	<34 UJ	<34 UJ	<34 UJ	
	Benzyl alcohol	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	Benzyl butyl phthalate	µg/kg	<35	<34	<34	<34	<34	<35	<34	280 J	<35	<34	<34	<34	
	Carbazole	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	Di-n-octyl phthalate	µg/kg	<15	<15	<15	<15	<15	<16	<15	<16	<15	<15	<15	<15	
Dibenzofuran	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34		
Dibutyl phthalate	µg/kg	<35	<34	<34	<34	<34	<35	<34	50 J	<35	<34	<34	<34		
Diethyl phthalate	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34		
Dimethyl phthalate	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34		
Diphenyl sulfone	µg/kg	<6.9	<6.8	<6.8	<6.8	<6.8	<7	<6.8	<7	<6.9	<6.9	<6.8	<6.7		

TABLE C-2. BEC Tronox Parcels A-B Shallow Soil Data used in the OU-2 SLERA

Nevada Environmental Response Trust Site

Henderson, Nevada

Analytic Method	Analyte	Unit	TSB-AJ-01-0	TSB-AJ-02-0	TSB-AJ-02-0 (FD)	TSB-AJ-03-0	TSB-AR-01-0	TSB-AR-01-0 (FD)	TSB-AR-02-0	TSB-AR-04-0	TSB-AR-05-0	TSB-AR-06-0	TSB-AR-06-0 (FD)	TSB-AR-07-0	TSB-AR-08-0	TSB-AR-10-0	TSB-AR-11-0	TSB-AR-11-0 (FD)	TSB-AR-12-0	TSB-AR-13-0		
			Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample
			9/7/2007	9/7/2007	9/7/2007	9/7/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/7/2007	9/7/2007	9/5/2007	9/6/2007	9/6/2007	9/6/2007	9/6/2007	9/6/2007	9/6/2007
SW8270	Fluoranthene	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	Fluorene	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	Hexachloro-1,3-butadiene	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	Hexachlorobenzene	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	Hexachlorocyclopentadiene	µg/kg	<340	<340	<330	<340	<350	<350	<340	<340	<340	<340	<340	<350	<340	<340	<340	<340	<340	<340		
	Hexachloroethane	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<34	<34	<34		
	Hydroxymethyl phthalimide	µg/kg	<44	<44	<44	<44	<46	<47	<45	<45	<45	<45	<45	<46	<45	<45	<45	<45	<45	<45		
	Isophorone	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<35	<34	<34		
	N-nitrosodi-n-propylamine	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<35	<34	<34		
	N-nitrosodiphenylamine	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<35	<34	<34		
	Naphthalene	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<35	<34	<34		
	Nitrobenzene	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<35	<34	<34		
	Octachlorostyrene	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<35	<34	<34		
	Pentachlorobenzene	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<35	<34	<34		
	Pentachlorophenol	µg/kg	<340	<340	<330	<340	<350	<350	<340	<340	<340	<340	<340	<350	<340	<340	<340	<340	<340	<340		
	Phenol	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<35	<34	<34		
	Phenyl Disulfide	µg/kg	<29	<29	<29	<29	<30	<31	<29	<30	<30	<30	<30	<30	<29	<30	<30	<30	<30	<30		
	Phenyl Sulfide	µg/kg	<3.6	<3.6	<3.6	<3.6	<3.7	<3.8	<3.6	<3.6	<3.6	<3.7	<3.7	<3.7	<3.6	<3.7	<3.7	<3.7	<3.7	<3.6		
	Phthalic acid	µg/kg	<260	<250	<250	<260	<260	<270	<260	<260	<260	<260	<260	<260	<260	<260	<260	<260	<260	<260		
	Pyridine	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<35	<34	<34		
bis(2-Chloroethoxy) methane	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<35	<34	<34			
bis(2-Chloroethyl) ether	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<35	<34	<34			
bis(2-Chloroisopropyl) ether	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<35	<34	<34			
bis(2-Ethylhexyl) phthalate	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<35	<34	<34			
bis(p-Chlorophenyl) disulfide	µg/kg	<210	<210	<210	<210	<210	<220	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210			
bis(p-Chlorophenyl) sulfone	µg/kg	<340	<340	<330	<340	<350	<350	<340	<340	<340	<340	<340	<350	<340	<340	<340	<340	<340	<340			
o-Cresol	µg/kg	<120	<120	<120	<120	<120	<130	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120			
p-Chloroaniline	µg/kg	<34	<34	<34	<34	<35	<36	<34	<34	<34	<34	<35	<35	<34	<35	<35	<35	<34	<34			
p-Chlorothiophenol	µg/kg	<190	<190	<190	<190	<190	<200	<190	<190	<190	<190	<190	<200	<190	<190	<190	<190	<190	<190			
p-Nitroaniline	µg/kg	<340	<340	<330	<340	<350	<350	<340	<340	<340	<340	<340	<350	<340	<340	<340	<340	<340	<340			
SW8290	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	<1.1	4.9 J	--	13	<3.1	--	14 J	<2.1	13 J	<0.67	<0.8	6 J	8.4	<1	22	--	3.5 J	13		
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	5.8	59	--	160	10	--	170 J	25	200	6.9 J	2.8 J	86	99	<0.87	48	--	41	32		
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	2.7 J	26	--	59	4.7 J	--	110 J	9.7 J	73	<2.5	<0.96	30	32	<0.53	16	--	14	12		
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	<0.66	<0.79	--	<2	<2.2	--	<2.3	<1.9	<2.1	<0.53	<0.52	<2.2	<0.97	<0.5	<2	--	<0.43	<1.9		
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	3.6 J	29	--	72	5.1 J	--	120	9.6	74	3.4 J	<1.4	31	35	<0.51	18	--	15	15		
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	<0.71	<2.3	--	4.8 J	<2.1	--	6.2	<1.8	4.4 J	<0.57	<0.56	<2.1	2.7 J	<0.47	<1.9	--	<1.1	<1.8		
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	2.9 J	23	--	57	3.7 J	--	84	7.3	56	<2.3	<0.77	26	29	<0.35	14	--	11	11		
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	<0.54	<1.7	--	4.1 J	<1.8	--	6.3	<1.5	3.1 J	<0.43	<0.43	<1.7	<2.3	<0.41	<1.6	--	<0.81	<1.5		
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	<0.6	2.9 J	--	7.1	<2.7	--	9.2 J	<2.6	5.2	<1.2	<0.55	<2.1	3.6 J	<0.41	<2.2	--	<1.6	<2.4		
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	<0.66	<2.1	--	3.8 J	<2.2	--	7.2 J	<1.8	3.1 J	<0.79	<0.68	<2.1	<1.8	<0.57	<2	--	<0.75	<1.9		
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	2.8 J	21	--	47	3 J	--	84 J	6.3	41	<1.8	<0.8	19	21	<0.34	9.9	--	7.9	11		
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	<0.88	5.4	--	14	<2.7	--	23	<2.6	13	<0.61	<0.37	6.3	7.2	<0.41	3.9 J	--	<2.4	3.6 J		
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	<1.4	11	--	24	<2.3	--	42 J	2.8 J	21	<0.87	<0.47	11	11	<0.36	5 J	--	3.8 J	4.9 J		
	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	<0.39	<0.34	--	0.95 J	<0.98	--	1.4 J	<0.97	0.95 J	<0.37	<0.37	<0.9	<0.37	<0.31	<0.84	--	<0.36	<0.81		
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	1.6	10	--	25	1.6	--	43 J	3.1	19	1.1 J	<0.43 UJ	9.5	11	<0.26	5.6	--	3.5	6.9		
Octachlorodibenzodioxin	pg/g	<2.7 UJ	6.4 J	--	14	<5	--	21 J	6.6 J	20	<2.6	<1	9 J	13	7.9 J+	100	--	6.2 J	76			
Octachlorodibenzofuran	pg/g	9.8 J	120	--	300	16	--	350 J	52	480	19 J	<4.9 UJ	170	200	<1.9	100	--	91	65			
SW8310	Acenaphthene	µg/kg	280	200 J	<20 UJ	<20	<21	<21	<20	<20	<20	75 J	140 J	<21	<20	<20	<20	<20	<20			
	Acenaphthylene	µg/kg	<16 UJ	<16 UJ	<16 UJ	<16 UJ	<17 UJ	<17 UJ	<16 UJ	<16 UJ	<16 UJ	<16 UJ	<17 UJ	<17 UJ	<16 UJ	<17 UJ	<16 UJ	<16 UJ	<16 UJ			
	Anthracene	µg/kg	<0.99	<0.98	<0.98	<0.99	<1	<1	<0.99	<0.99	<0.99	<1	<1	<1	<0.99	<1	<1	<1	<0.99			
	Benzo(a)anthracene	µg/kg	<2	<2	<2	<2	<2.1 UJ	55 J	<2	<2	<2	<2	<2.1	<2.1	<2	<2	<2	<2	<2			
Benzo(a)pyrene	µg/kg	<2.1	<2.1	<2.1	<2.1	<2.2	<2.2	<2.1	<2.1	<2.1	<2.2	<2.2	<2.2	<2.1	<2.2	<2.2	<2.2	<2.1				

TABLE C-2. BEC Tronox Parcels A-B Shallow Soil Data used in the Nevada Environmental Response Trust Site Henderson, Nevada

Analytic Method	Analyte	Unit	TSB-AR-14-0	TSB-AR-3-0	TSB-AR-9-0	TSB-BJ-01-0	TSB-BJ-02-0	TSB-BJ-06-0	TSB-BR-02-0	TSB-BR-03-0	TSB-BR-04-0	TSB-BR-04-0 (FD)	TSB-BR-05-0	TSB-BR-06-0	
			Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample
			9/6/2007	9/6/2007	9/6/2007	9/7/2007	9/7/2007	9/7/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/7/2007
SW8270	Fluoranthene	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	Fluorene	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	Hexachloro-1,3-butadiene	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	Hexachlorobenzene	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	Hexachlorocyclopentadiene	µg/kg	<340	<340	<340	<340	<340	<350	<340	<350	<340	<340	<340	<330	
	Hexachloroethane	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	Hydroxymethyl phthalimide	µg/kg	<45	<44	<45	<44	<44	<46	<44	<46	<45	<45	<44	<44	
	Isophorone	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	N-nitrosodi-n-propylamine	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	N-nitrosodiphenylamine	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	Naphthalene	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	Nitrobenzene	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	Octachlorostyrene	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	Pentachlorobenzene	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	Pentachlorophenol	µg/kg	<340	<340	<340	<340	<340	<350	<340	<350	<340	<340	<340	<330	
	Phenol	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	Phenyl Disulfide	µg/kg	<30	<29	<30	<29	<29	<30	<29	<30	<30	<30	<29	<29	
	Phenyl Sulfide	µg/kg	<3.7	<3.6	<3.6	<3.6	<3.6	<3.7	<3.6	<3.7	<3.7	<3.6	<3.6	<3.6	
	Phthalic acid	µg/kg	<260	<250	<260	<250	<250	<260	<260	<260	<260	<260	<250	<250	
	Pyridine	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	bis(2-Chloroethoxy) methane	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	bis(2-Chloroethyl) ether	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
	bis(2-Chloroisopropyl) ether	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34	
bis(2-Ethylhexyl) phthalate	µg/kg	<35	<34	<34	<34	<34	<35	<34	140 J	<35	<34	<34	<34		
bis(p-Chlorophenyl) disulfide	µg/kg	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210		
bis(p-Chlorophenyl) sulfone	µg/kg	<340	<340	<340	<340	<340	<350	<340	<350	<340	<340	<340	<330		
o-Cresol	µg/kg	<120	<120	<120	<120	<120	<120	<120	<130	<120	<120	<120	<120		
p-Chloroaniline	µg/kg	<35	<34	<34	<34	<34	<35	<34	<35	<35	<34	<34	<34		
p-Chlorothiophenol	µg/kg	<190	<190	<190	<190	<190	<200	<190	<200	<190	<190	<190	<190		
p-Nitroaniline	µg/kg	<340	<340	<340	<340	<340	<350	<340	<350	<340	<340	<340	<330		
SW8290	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	<1.5	4.3 J	6.5	8.9	27 J	66	14	52	6.6	9.4	13	14	
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	2.7 J+	50	81	92	320 J	740	170	600	60	97	160	170	
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	<0.98	16	28	49	170 J	300	68	220	29	42	71	70	
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	<0.4	<0.48	<0.98	<1.7	4.3 J	8.2	<2.5	6.9	<1.5	<1.6	<1.7	<2.2	
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	<1.1	19	30	54	150	310	82	250	36	47	78	82	
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	<0.37	<1.6	<1.9	4.5 J	11	19	6.3	16	2.6 J	3.5 J	4.4 J	5.8	
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	<0.69	16	23	47	130	250	68	200	31	41	64	67	
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	<0.51	<1.3	<2	3.1 J	7.6	16	4.1 J	10	<1.6	2.9 J	3.4 J	4.8 J	
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	<0.32	<1.8	3.1 J	8.5	22	38	9.1	24	4.9 J	5.2	9.6	8.4	
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	<0.61	<1.4	<1.8	4.1 J	8 J	16	4 J	11	<2.2	3.2 J	4.9 J	4.2 J	
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	<0.75	12	18	52	120	220	65	160	33	36	59	62	
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	<0.25	3.3 J	5 J	13	34	56	17	52	7.5	9.8	16	17	
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	<0.41	6.1	8.3	28	60	110	34	76	16	18	29	31	
	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	<0.27	<0.36	<0.32	0.97 J	2.4	4.6	0.99 J	2.5 J	1.1	0.88 J	1.2	1	
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	<0.41	5.6	7.4	31	69	130	38	81	17	19	33	32	
Octachlorodibenzodioxin	pg/g	9.4 J+	7.3 J	10	15 J	41 J	170	21	110	6 J	15 J	12	13		
Octachlorodibenzofuran	pg/g	5.5 J+	100	180	180 J	690 J	1800	330	1200	110 J	200	380	360		
SW8310	Acenaphthene	µg/kg	<21	<20	400	<20	<20 UJ	<21	<20	<21	<20	<20	<20	<20	
	Acenaphthylene	µg/kg	<17 UJ	<16 UJ	<16 UJ	<16 UJ	<16 UJ	<17 UJ	<16 UJ	<17 UJ	<16 UJ	<16 UJ	<16 UJ	<16 UJ	
	Anthracene	µg/kg	<1	<0.98	<0.99	<0.98	<0.98 UJ	<1	<0.99	<1	<0.99	<0.98	<0.98	<0.98	
	Benzo(a)anthracene	µg/kg	<2.1	<2	<2	<2	<2 UJ	<2.1	<2	<2.1	<2	<2	<2	<2	
	Benzo(a)pyrene	µg/kg	<2.2	<2.1	<2.1	<2.1	<2.1 UJ	<2.2	<2.1	<2.2	<2.2	<2.1	<2.1	<2.1	

TABLE C-2. BEC Tronox Parcels A-B Shallow Soil Data used in the OU-2 SLERA

Nevada Environmental Response Trust Site

Henderson, Nevada

Analytic Method	Analyte	Unit	TSB-AJ-01-0	TSB-AJ-02-0	TSB-AJ-02-0 (FD)	TSB-AJ-03-0	TSB-AR-01-0	TSB-AR-01-0 (FD)	TSB-AR-02-0	TSB-AR-04-0	TSB-AR-05-0	TSB-AR-06-0	TSB-AR-06-0 (FD)	TSB-AR-07-0	TSB-AR-08-0	TSB-AR-10-0	TSB-AR-11-0	TSB-AR-11-0 (FD)	TSB-AR-12-0	TSB-AR-13-0		
			Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample
			9/7/2007	9/7/2007	9/7/2007	9/7/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/5/2007	9/7/2007	9/7/2007	9/5/2007	9/6/2007	9/6/2007	9/6/2007	9/6/2007	9/6/2007	9/6/2007
SW8310	Benzo(b)fluoranthene	µg/kg	<2	<2	<2	<2	<2.1	<2.1	<2	<2	<2	<2	<2.1	<2.1	<2	<2	<2	<2	<2	<2	<2	
	Benzo(g,h,i)perylene	µg/kg	<3.1	<3.1	<3.1	<3.1	<3.2	<3.3	<3.1	<3.1	<3.1	<3.2	<3.2	<3.2	<3.1	<3.2	<3.2	<3.2	<3.1	<3.1	<3.1	
	Benzo(k)fluoranthene	µg/kg	<1.4 UJ	<1.4 UJ	<1.4 UJ	<1.4 UJ	<1.4 UJ	<1.5 UJ	<1.4 UJ	<1.4 UJ	<1.4 UJ	<1.4 UJ	<1.4 UJ	<1.4 UJ	<1.4 UJ	<1.4 UJ	<1.4 UJ	<1.4 UJ	<1.4 UJ	<1.4 UJ	<1.4 UJ	
	Chrysene	µg/kg	<1.6	<1.6	<1.6	<1.6	<1.7	<1.7	<1.6	<1.6	<1.7	<1.7	<1.7	<1.7	<1.6	<1.7	<1.7	<1.7	<1.7	<1.6	<1.6	
	Dibenzo(a,h)anthracene	µg/kg	<3.7	<3.7	<3.7	<3.7	<3.8	<3.9	<3.7	<3.7	<3.7	<3.7	<3.8	<3.8	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	
	Indeno(1,2,3-cd)pyrene	µg/kg	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	
	Phenanthrene	µg/kg	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	
	Pyrene	µg/kg	<2.7	<2.7	<2.7	<2.7	<2.8	<2.9	<2.7	<2.7	<2.8	<2.8	<2.8	<2.8	<2.8	<2.7	<2.8	<2.8	<2.8	<2.8	<2.7 UJ	

Notes:

- = Not available
- µg/kg = Microgram per kilogram
- BEC = Basic Environmental Company/BHC = Hexachlorocyclohexane
- CFC = Chlorofluorocarbon
- DDD = Dichlorodiphenyldichloroethane
- DDE = Dichlorodiphenyldichloroethylene
- DDT = Dichlorodiphenyltrichloroethane
- FD = Field Duplicate
- HEM = Hexane Extractable Material
- mg/kg = Milligram per kilogram.
- N = Nitrogen
- P = Phosphoruspci/g = Picocuries per gram
- pg/g = Picograms per gram
- SLERA = Screening level ecological risk assessment
- TPH = Total Petroleum Hydrocarbons

Validation Qualifiers:

- J Indicates an estimated value.
- J+ Indicates an estimated value with a positive bias.
- J- Indicates an estimated value with a negative bias.
- < Below laboratory detection limit.
- UJ Below laboratory detection limit, detection limit uncertain.
- U Radionuclide result below minimum detectable concentration

References:

Basic Environmental Company (BEC). 2007. Phase 2 Sampling and Analysis Plan to Conduct Soil Characterization, Tronox Parcels "A" and "B" Site, Henderson, Nevada (Revision 1).

TABLE C-2. BEC Tronox Parcels A-B Shallow Soil Data used in the Nevada Environmental Response Trust Site Henderson, Nevada

Analytic Method	Analyte	Unit	TSB-AR-14-0	TSB-AR-3-0	TSB-AR-9-0	TSB-BJ-01-0	TSB-BJ-02-0	TSB-BJ-06-0	TSB-BR-02-0	TSB-BR-03-0	TSB-BR-04-0	TSB-BR-04-0 (FD)	TSB-BR-05-0	TSB-BR-06-0	
			Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample	Surface Sample
			9/6/2007	9/6/2007	9/6/2007	9/7/2007	9/7/2007	9/7/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/7/2007
SW8310	Benzo(b)fluoranthene	µg/kg	<2.1	<2	<2	<2	<2 UJ	<2.1	<2	<2.1	<2	<2	<2	<2	
	Benzo(g,h,i)perylene	µg/kg	<3.2	<3.1	<3.1	<3.1	<3.1 UJ	<3.2	<3.1	<3.2	<3.2	<3.1	<3.1	<3.1	
	Benzo(k)fluoranthene	µg/kg	<1.4 UJ	<1.4 UJ	<1.4 UJ	<1.4 UJ	<1.4 UJ	<1.4 UJ	<1.4 UJ	<1.4 UJ	<1.4 UJ	<1.4 UJ	<1.4 UJ	<1.4 UJ	
	Chrysene	µg/kg	<1.7	<1.6	<1.6	<1.6	<1.6 UJ	<1.7	<1.6	<1.7	<1.7	<1.6	<1.6	<1.6	
	Dibenzo(a,h)anthracene	µg/kg	<3.7	<3.7	<3.7	<3.7	<3.7 UJ	<3.8	<3.7	<3.8	<3.7	<3.7	<3.7	<3.7	
	Indeno(1,2,3-cd)pyrene	µg/kg	<1.5	<1.5	<1.5	<1.5	<1.5 UJ	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	
	Phenanthrene	µg/kg	<1.3	<1.3	<1.3	<1.3	<1.3 UJ	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	
	Pyrene	µg/kg	<2.8 UJ	<2.7	<2.7	<2.7	<2.7 UJ	<2.8	<2.7	<2.8	<2.8	<2.8	<2.7	<2.7	

Notes:

-- = Not available
 µg/kg = Microgram per kilogram
 BEC = Basic Environmental Company
 BHC = Hexachlorocyclohexane
 CFC = Chlorofluorocarbon
 DDD = Dichlorodiphenyldichloroethane
 DDE = Dichlorodiphenyldichloroethylene
 DDT = Dichlorodiphenyltrichloroethane
 FD = Field Duplicate
 HEM = Hexane Extractable Material
 mg/kg = Milligram per kilogram.
 N = Nitrogen
 P = Phosphorus
 pci/g = Picocuries per gram
 pg/g = Picograms per gram
 SLERA = Screening level ecological risk assessment
 TPH = Total Petroleum Hydrocarbons

Validation Qualifiers:

J Indicates an estimated value.
 J+ Indicates an estimated value with a positive bias.
 J- Indicates an estimated value with a negative bias.
 < Below laboratory detection limit.
 UJ Below laboratory detection limit, detection limit uncertain.
 U Radionuclide result below minimum detectable concentration

References:

Basic Environmental Company (BEC). 2007. Phase 2 Sampling and Analysis Plan to Conduct Soil Characterization, Tronox Parcels "A" and "B" Site, Henderson, Nevada (Revision 1).

APPENDIX C-3

**CALCULATION OF DIOXIN/FURAN TEQS, POLYCYCLIC AROMATIC
HYDROCARBON MIXTURE TOTALS AND DDX TOTALS FOR USE IN THE
SLERA**

Table C-3a Sum of Dioxin/Furan Avian and Mammal TEQs for use in the SLERA

Table C-3b Sum of Polycyclic Aromatic Hydrocarbon (PAH) Mixtures for use in the
SLERA

Table C-3c Sum of Dichlorodiphenyltrichloroethane (DDT) and Isomers for DDx for
use in the SLERA

**TABLE C-3a. Sum of Dioxin/Furan Avian and Mammal TEQs for use in the SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada**

Individual dioxin/furan result by location. All results in mg/kg (ND=0.5DL).

Chemical Name	SA25-0.5	TSB-AJ-01-0	TSB-AJ-02-0	TSB-AJ-03-0	TSB-AR-01-0	TSB-AR-02-0	TSB-AR-04-0	TSB-AR-05-0	TSB-AR-06-0	TSB-AR-06-0-DUP	TSB-AR-07-0	TSB-AR-08-0	TSB-AR-10-0	TSB-AR-11-0
1,2,3,4,5,6,7,8-Octachlorodibenzofuran	0.0017268410	0.0000098000	0.0001200000	0.0003000000	0.0001600000	0.0003500000	0.0000520000	0.0004800000	0.0001900000	0.0000245000	0.0001700000	0.0002000000	0.0000095000	0.0001000000
1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	0.0000887250	0.0000135000	0.0000640000	0.0000140000	0.0000250000	0.0000210000	0.0000660000	0.0000200000	0.0000130000	0.0000050000	0.0000090000	0.0000130000	0.0000079000	0.0001000000
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.0011818170	0.0000580000	0.0000590000	0.0001600000	0.0001000000	0.0001700000	0.0000250000	0.0002000000	0.0000690000	0.0000280000	0.0000860000	0.0000990000	0.0000043500	0.0000480000
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.0001011110	0.0000055000	0.0000490000	0.0000130000	0.0000155000	0.0000140000	0.0000105000	0.0000130000	0.0000033500	0.0000040000	0.0000600000	0.0000840000	0.0000050000	0.0000220000
1,2,3,4,7,8-Heptachlorodibenzofuran	0.0005447000	0.0000270000	0.0000260000	0.0000590000	0.0000470000	0.0001100000	0.0000097000	0.0000730000	0.0000125000	0.0000048000	0.0000300000	0.0000320000	0.0000026500	0.0000160000
1,2,3,4,7,8-Hexachlorodibenzofuran	0.0004416210	0.0000360000	0.0000290000	0.0000720000	0.0000510000	0.0001200000	0.0000960000	0.0000740000	0.0000340000	0.0000070000	0.0000310000	0.0000350000	0.0000025500	0.0000180000
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.0000836900	0.0000033000	0.0000039500	0.0000100000	0.0000110000	0.0000115000	0.0000095000	0.0000105000	0.0000026500	0.0000026000	0.0000110000	0.0000048500	0.0000025000	0.0000100000
1,2,3,6,7,8-Hexachlorodibenzofuran	0.0004080130	0.0000290000	0.0000230000	0.0000570000	0.0000370000	0.0000840000	0.0000730000	0.0000560000	0.0000115000	0.0000038500	0.0000260000	0.0000290000	0.0000017500	0.0000140000
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.0000286540	0.0000035500	0.0000011500	0.0000480000	0.0000105000	0.0000620000	0.0000090000	0.0000440000	0.0000028500	0.0000028000	0.0000105000	0.0000270000	0.0000023500	0.0000095000
1,2,3,7,8-Hexachlorodibenzofuran	0.0000646210	0.0000030000	0.0000029000	0.0000071000	0.0000135000	0.0000092000	0.0000130000	0.0000520000	0.0000060000	0.0000027500	0.0000105000	0.0000360000	0.0000020500	0.0000110000
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.0000313720	0.0000027000	0.0000085000	0.0000041000	0.0000090000	0.0000630000	0.0000075000	0.0000310000	0.0000021500	0.0000021500	0.0000085000	0.0000115000	0.0000020500	0.0000080000
1,2,3,7,8-Pentachlorodibenzofuran	0.0002163290	0.0000280000	0.0000210000	0.0000470000	0.0000300000	0.0000840000	0.0000630000	0.0000410000	0.0000090000	0.0000040000	0.0000190000	0.0000210000	0.0000017000	0.0000990000
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.0000165130	0.0000033000	0.0000010500	0.0000380000	0.0000110000	0.0000072000	0.0000090000	0.0000031000	0.0000039500	0.0000034000	0.0000105000	0.0000090000	0.0000028500	0.0000100000
2,3,4,6,7,8-Hexachlorodibenzofuran	0.0001576010	0.0000044000	0.0000054000	0.0000140000	0.0000135000	0.0000230000	0.0000130000	0.0000130000	0.0000030500	0.0000018500	0.0000063000	0.0000072000	0.0000020500	0.0000390000
2,3,4,7,8-Pentachlorodibenzofuran	0.0001399160	0.0000070000	0.0000110000	0.0000240000	0.0000115000	0.0000420000	0.0000280000	0.0000210000	0.0000043500	0.0000023500	0.0000110000	0.0000110000	0.0000018000	0.0000500000
2,3,7,8-Tetrachlorodibenzofuran	0.0001453950	0.0000016000	0.0000100000	0.0000250000	0.0000160000	0.0000430000	0.0000310000	0.0000190000	0.0000110000	0.0000021500	0.0000095000	0.0000110000	0.0000013000	0.0000560000
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.0000493400	0.0000019500	0.0000017000	0.0000095000	0.0000049000	0.0000140000	0.0000048500	0.0000095000	0.0000018500	0.0000018500	0.0000045000	0.0000018500	0.0000015500	0.0000042000

To calculate avian TEQs, multiply the result of the individual chemical by the chemical-specific avian TEF, and then sum up the results (mg/kg) per location:

Chemical Name	Avian TEF (WHO 2008)	SA25-0.5	TSB-AJ-01-0	TSB-AJ-02-0	TSB-AJ-03-0	TSB-AR-01-0	TSB-AR-02-0	TSB-AR-04-0	TSB-AR-05-0	TSB-AR-06-0	TSB-AR-06-0-DUP	TSB-AR-07-0	TSB-AR-08-0	TSB-AR-10-0	TSB-AR-11-0
1,2,3,4,5,6,7,8-Octachlorodibenzofuran	0.0001	0.000001727	0.000000010	0.000000120	0.000000300	0.000000016	0.000000350	0.000000052	0.000000480	0.000000019	0.000000002	0.000000170	0.000000200	0.000000001	0.000000100
1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	0.0001	0.000000089	0.000000001	0.000000006	0.000000014	0.000000003	0.000000021	0.000000007	0.000000020	0.000000001	0.000000001	0.000000009	0.000000013	0.000000008	0.000000100
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.01	0.0000118182	0.000000058	0.000000090	0.0000016000	0.0000010000	0.0000017000	0.0000025000	0.0000020000	0.0000006900	0.0000002800	0.0000008600	0.0000009900	0.000000044	0.0000048000
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.001	0.000001011	0.000000006	0.000000049	0.000000130	0.000000016	0.000000140	0.000000011	0.000000130	0.000000003	0.000000004	0.000000060	0.000000084	0.000000005	0.000000220
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.01	0.0000054470	0.000000270	0.000002600	0.0000005900	0.000000470	0.0000011000	0.000000970	0.0000007300	0.000000125	0.000000048	0.0000003000	0.0000003200	0.000000027	0.000001600
1,2,3,4,7,8-Hexachlorodibenzofuran	0.1	0.0000416210	0.000003600	0.0000029000	0.0000072000	0.000005100	0.0000120000	0.0000096000	0.0000074000	0.0000034000	0.0000007000	0.0000031000	0.0000035000	0.000000255	0.0000018000
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.05	0.000004185	0.000000165	0.000000198	0.000000500	0.000000550	0.000000575	0.000000475	0.000000525	0.000000133	0.000000130	0.000000550	0.000000243	0.000000125	0.000000500
1,2,3,6,7,8-Hexachlorodibenzofuran	0.1	0.0000408013	0.000002900	0.0000023000	0.0000057000	0.000003700	0.0000084000	0.0000073000	0.0000056000	0.000001150	0.000000385	0.0000026000	0.0000029000	0.000000175	0.0000140000
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.01	0.000002865	0.000000036	0.000000115	0.000000480	0.000000105	0.000000620	0.000000090	0.000000440	0.000000029	0.000000028	0.000000105	0.000000270	0.000000024	0.000000095
1,2,3,7,8,9-Hexachlorodibenzofuran	0.1	0.0000064621	0.000000300	0.000002900	0.000007100	0.000001350	0.000009200	0.000001300	0.000005200	0.000000600	0.000000275	0.000001050	0.000003600	0.000000205	0.000001100
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.1	0.0000031372	0.000000270	0.000000850	0.000004100	0.000000900	0.000006300	0.000003100	0.000002150	0.000000215	0.000000850	0.000001150	0.000000205	0.000000080	0.000000800
1,2,3,7,8-Pentachlorodibenzofuran	0.1	0.0000216329	0.000002800	0.000021000	0.000047000	0.000030000	0.000084000	0.000063000	0.000041000	0.000009000	0.000004000	0.000019000	0.000021000	0.000000170	0.000009900
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1	0.0000165130	0.000003300	0.0000010500	0.000038000	0.000011000	0.000072000	0.000009000	0.000031000	0.000003950	0.000003400	0.000010500	0.000009000	0.000002850	0.000010000
2,3,4,6,7,8-Hexachlorodibenzofuran	0.1	0.0000157601	0.000000440	0.0000054000	0.000014000	0.000001350	0.000023000	0.000001300	0.000013000	0.000000305	0.000000185	0.0000063000	0.0000072000	0.000000205	0.000003900
2,3,4,7,8-Pentachlorodibenzofuran	1	0.0001399160	0.000007000	0.0000110000	0.0000240000	0.000011500	0.0000420000	0.0000280000	0.0000210000	0.0000043500	0.0000023500	0.0000110000	0.0000110000	0.000001800	0.000050000
2,3,7,8-Tetrachlorodibenzofuran	1	0.0001453950	0.0000016000	0.0000100000	0.0000250000	0.000016000	0.0000430000	0.0000310000	0.0000190000	0.0000110000	0.0000021500	0.0000095000	0.0000110000	0.0000013000	0.000056000
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1	0.0000493400	0.0000019500	0.0000017000	0.0000095000	0.0000049000	0.0000140000	0.0000048500	0.0000095000	0.0000018500	0.0000018500	0.0000045000	0.0000018500	0.0000015500	0.0000042000
TEQ Avian Sum by Location:		0.0004569665	0.0000039627	0.0000313338	0.0000762024	0.0000060959	0.0001292206	0.0000103504	0.0000661695	0.0000028720	0.0000012403	0.0000316694	0.0000341710	0.000008947	0.0000175315

To calculate mammal TEQs, multiply the result of the individual chemical by the chemical-specific mammal TEF, and then sum up the results (mg/kg) per location:

Chemical Name	Mammal TEF (WHO 2008)	SA25-0.5	TSB-AJ-01-0	TSB-AJ-02-0	TSB-AJ-03-0	TSB-AR-01-0	TSB-AR-02-0	TSB-AR-04-0	TSB-AR-05-0	TSB-AR-06-0	TSB-AR-06-0-DUP	TSB-AR-07-0	TSB-AR-08-0	TSB-AR-10-0	TSB-AR-11-0
1,2,3,4,5,6,7,8-Octachlorodibenzofuran	0.0003	0.0000005181	0.000000029	0.000000360	0.000000900	0.000000048	0.000001050	0.000000156	0.000001440	0.000000057	0.000000007	0.000000510	0.000000600	0.000000003	0.000000300
1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	0.0003	0.0000000266	0.000000004	0.000000019	0.000000042	0.000000008	0.000000063	0.000000020	0.000000060	0.000000004	0.000000002	0.000000027	0.000000039	0.000000024	0.000000300
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.01	0.0000118182	0.000000058	0.000000090	0.0000160000	0.0000010000	0.0000170000	0.0000025000	0.0000020000	0.0000006900	0.0000002800	0.0000008600	0.0000009900	0.000000044	0.0000048000
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.01	0.0000010111	0.000000055	0.000000049	0.0000013000	0.000000155	0.0000014000	0.0000010500	0.0000013000	0.000000034	0.000000040	0.0000000600	0.000000084	0.000000050	0.0000002200
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.01	0.0000054470	0.000000270	0.000002600	0.0000005900	0.000000470	0.0000110000	0.000000970	0.0000073000	0.000000125	0.000000048	0.0000003000	0.0000003200	0.000000027	0.000001600
1,2,3,4,7,8-Hexachlorodibenzofuran	0.1	0.0000416210	0.000003600	0.0000029000	0.0000072000	0.000005100	0.0000120000	0.0000096000	0.0000074000	0.0000034000	0.0000007000	0.0000031000	0.0000035000	0.000000255	0.0000018000
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.1	0.000004185	0.000000165	0.000000198	0.000000500	0.000000550	0.000000575	0.000000475	0.0						

**TABLE C-3a. Sum of Dioxin/Furan Avian and Mammal TEQs for use in the SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada**

**Individual dioxin/furan result by location. All
results in mg/kg (ND=0.5DL).**

Chemical Name	TSB-AR-12-0	TSB-AR-13-0	TSB-AR-14-0	TSB-AR-3-0	TSB-AR-9-0	TSB-BJ-01-0	TSB-BJ-02-0	TSB-BJ-06-0	TSB-BR-02-0	TSB-BR-03-0	TSB-BR-04-0	TSB-BR-04-0 (FD)	TSB-BR-05-0	TSB-BR-06-0
1,2,3,4,5,6,7,8-Octachlorodibenzofuran	0.0000910000	0.0000650000	0.0000550000	0.0001000000	0.0001800000	0.0001800000	0.0006900000	0.0018000000	0.0003300000	0.0012000000	0.0001100000	0.0002000000	0.0003800000	0.0003600000
1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	0.0000062000	0.0000760000	0.0000940000	0.0000730000	0.0001000000	0.0001500000	0.0000410000	0.0001700000	0.0000210000	0.0001100000	0.0000600000	0.0000150000	0.0000120000	0.0000130000
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.0000410000	0.0000320000	0.0000270000	0.0000500000	0.0000810000	0.0000920000	0.0003200000	0.0007400000	0.0001700000	0.0006000000	0.0000600000	0.0000970000	0.0001600000	0.0001700000
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.0000350000	0.0000130000	0.0000075000	0.0000430000	0.0000650000	0.0000890000	0.0000270000	0.0000660000	0.0001400000	0.0000520000	0.0000660000	0.0000940000	0.0001300000	0.0001400000
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.0000140000	0.0000120000	0.0000049000	0.0000160000	0.0000280000	0.0000490000	0.0001700000	0.0003000000	0.0000680000	0.0000200000	0.0000290000	0.0000420000	0.0000710000	0.0000700000
1,2,3,4,7,8-Hexachlorodibenzofuran	0.0000150000	0.0000150000	0.0000055000	0.0000190000	0.0000300000	0.0000540000	0.0001500000	0.0003100000	0.0000820000	0.0002500000	0.0000360000	0.0000470000	0.0000780000	0.0000820000
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.0000021500	0.0000009500	0.0000020000	0.0000024000	0.0000049000	0.0000085000	0.0000430000	0.0000082000	0.0000125000	0.0000069000	0.0000075000	0.0000080000	0.0000085000	0.0000110000
1,2,3,6,7,8-Hexachlorodibenzofuran	0.0000110000	0.0000110000	0.0000034500	0.0000160000	0.0000230000	0.0000470000	0.0001300000	0.0002500000	0.0000680000	0.0000200000	0.0000310000	0.0000410000	0.0000640000	0.0000670000
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.0000055000	0.0000090000	0.0000018500	0.0000080000	0.0000095000	0.0000450000	0.0000110000	0.0000190000	0.0000630000	0.0000160000	0.0000260000	0.0000350000	0.0000440000	0.0000580000
1,2,3,7,8,9-Hexachlorodibenzofuran	0.0000080000	0.0000012000	0.0000016000	0.0000090000	0.0000310000	0.0000850000	0.0000220000	0.0000380000	0.0000910000	0.0000240000	0.0000490000	0.0000520000	0.0000960000	0.0000840000
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.0000040500	0.0000075000	0.0000025500	0.0000065000	0.0000100000	0.0000310000	0.0000076000	0.0000160000	0.0000410000	0.0000100000	0.0000080000	0.0000290000	0.0000340000	0.0000480000
1,2,3,7,8-Pentachlorodibenzofuran	0.0000079000	0.0000110000	0.0000037500	0.0000120000	0.0000180000	0.0000520000	0.0001200000	0.0002200000	0.0000650000	0.0001600000	0.0000330000	0.0000360000	0.0000590000	0.0000620000
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.0000037500	0.0000009500	0.0000030500	0.0000070000	0.0000090000	0.0000410000	0.0000800000	0.0001600000	0.0000400000	0.0000110000	0.0000110000	0.0000320000	0.0000490000	0.0000420000
2,3,4,6,7,8-Hexachlorodibenzofuran	0.0000012000	0.0000036000	0.0000012500	0.0000033000	0.0000050000	0.0000310000	0.0000340000	0.0000560000	0.0000170000	0.0000520000	0.0000750000	0.0000980000	0.0001600000	0.0000170000
2,3,4,7,8-Pentachlorodibenzofuran	0.0000038000	0.0000049000	0.0000020500	0.0000061000	0.0000083000	0.0000280000	0.0000600000	0.0001100000	0.0000340000	0.0000760000	0.0001600000	0.0001800000	0.0000290000	0.0000310000
2,3,7,8-Tetrachlorodibenzofuran	0.0000035000	0.0000069000	0.0000020500	0.0000056000	0.0000074000	0.0000310000	0.0000690000	0.0001300000	0.0000380000	0.0000810000	0.0000170000	0.0000190000	0.0000330000	0.0000320000
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.0000018000	0.0000040500	0.0000013500	0.0000018000	0.0000016000	0.0000097000	0.0000240000	0.0000460000	0.0000099000	0.0000250000	0.0000110000	0.0000088000	0.0000120000	0.0000100000

**To calculate avian TEQs, multiply the result of the individual
chemical by the chemical-specific avian TEF, and then sum up the
results (mg/kg) per location:**

Chemical Name	Avian TEF (WHO 2008)	TSB-AR-12-0	TSB-AR-13-0	TSB-AR-14-0	TSB-AR-3-0	TSB-AR-9-0	TSB-BJ-01-0	TSB-BJ-02-0	TSB-BJ-06-0	TSB-BR-02-0	TSB-BR-03-0	TSB-BR-04-0	TSB-BR-04-0 (FD)	TSB-BR-05-0	TSB-BR-06-0
1,2,3,4,5,6,7,8-Octachlorodibenzofuran	0.0001	0.0000000091	0.0000000065	0.0000000065	0.0000000100	0.0000000180	0.0000000180	0.0000000690	0.0000001800	0.0000000330	0.0000001200	0.0000001100	0.0000000200	0.0000000380	0.0000000360
1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	0.0001	0.0000000006	0.0000000076	0.0000000009	0.0000000007	0.0000000010	0.0000000015	0.0000000041	0.0000000170	0.0000000021	0.0000000110	0.0000000006	0.0000000015	0.0000000012	0.0000000013
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.01	0.0000004100	0.0000003200	0.0000002700	0.0000005000	0.0000008100	0.0000009200	0.0000032000	0.0000074000	0.0000017000	0.0000060000	0.0000060000	0.0000097000	0.0000160000	0.0000170000
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.001	0.0000000035	0.0000000130	0.0000000008	0.0000000043	0.0000000065	0.0000000089	0.0000000270	0.0000000660	0.0000000140	0.0000000520	0.0000000066	0.0000000094	0.0000000130	0.0000000140
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.01	0.0000001400	0.0000001200	0.0000000049	0.0000001600	0.0000002800	0.0000004900	0.0000017000	0.0000030000	0.0000006800	0.0000022000	0.0000002900	0.0000004200	0.0000007100	0.0000007000
1,2,3,4,7,8,9-Hexachlorodibenzofuran	0.1	0.0000015000	0.0000015000	0.0000005500	0.0000019000	0.0000030000	0.0000054000	0.0000150000	0.0000310000	0.0000082000	0.0000250000	0.0000360000	0.0000470000	0.0000780000	0.0000820000
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.05	0.0000000108	0.0000000475	0.0000000100	0.0000000120	0.0000000245	0.0000000425	0.0000002150	0.0000004100	0.0000000625	0.0000003450	0.0000000375	0.0000000400	0.0000000425	0.0000000550
1,2,3,6,7,8-Hexachlorodibenzofuran	0.1	0.0000011000	0.0000011000	0.0000003450	0.0000016000	0.0000023000	0.0000047000	0.0000130000	0.0000250000	0.0000068000	0.0000200000	0.0000310000	0.0000410000	0.0000640000	0.0000670000
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.01	0.0000000055	0.0000000090	0.0000000019	0.0000000080	0.0000000095	0.0000000450	0.0000001100	0.0000001900	0.0000000630	0.0000001600	0.0000000260	0.0000000350	0.0000000440	0.0000000580
1,2,3,7,8,9-Hexachlorodibenzofuran	0.1	0.0000000800	0.0000001200	0.0000000160	0.0000000900	0.0000003100	0.0000008500	0.0000022000	0.0000038000	0.0000009100	0.0000024000	0.0000004900	0.0000005200	0.0000009600	0.0000008400
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.1	0.0000000405	0.0000000750	0.0000000255	0.0000000650	0.0000001000	0.0000003100	0.0000007600	0.0000016000	0.0000004100	0.0000010000	0.0000000800	0.0000002900	0.0000003400	0.0000004800
1,2,3,7,8-Pentachlorodibenzofuran	0.1	0.0000007900	0.0000011000	0.0000003750	0.0000012000	0.0000018000	0.0000052000	0.0000120000	0.0000220000	0.0000065000	0.0000160000	0.0000033000	0.0000036000	0.0000059000	0.0000062000
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1	0.0000003750	0.0000009500	0.0000003050	0.0000007000	0.0000090000	0.0000041000	0.0000080000	0.0000160000	0.0000040000	0.0000110000	0.0000011000	0.0000032000	0.0000049000	0.0000042000
2,3,4,6,7,8-Hexachlorodibenzofuran	0.1	0.0000001200	0.0000003600	0.0000000125	0.0000003300	0.0000005000	0.0000013000	0.0000034000	0.0000017000	0.0000052000	0.0000075000	0.0000098000	0.0000016000	0.0000017000	0.0000017000
2,3,4,7,8-Pentachlorodibenzofuran	1	0.0000038000	0.0000049000	0.0000020500	0.0000061000	0.0000083000	0.0000280000	0.0000600000	0.0001100000	0.0000340000	0.0000760000	0.0001600000	0.0000180000	0.0000290000	0.0000310000
2,3,7,8-Tetrachlorodibenzofuran	1	0.0000035000	0.0000069000	0.0000020500	0.0000056000	0.0000074000	0.0000310000	0.0000690000	0.0001300000	0.0000380000	0.0000810000	0.0000170000	0.0000190000	0.0000330000	0.0000320000
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1	0.0000018000	0.0000040500	0.0000013500	0.0000018000	0.0000016000	0.0000097000	0.0000240000	0.0000460000	0.0000099000	0.0000250000	0.0000110000	0.0000088000	0.0000120000	0.0000100000
TEQ Avian Sum by Location:		0.0000120650	0.0000179336	0.0000010770	0.0000184600	0.0000259195	0.0000833559	0.0001910851	0.0003608630	0.0001040646	0.0002489880	0.0000474917	0.0000567659	0.0000935487	0.0000948843

**To calculate mammal TEQs, multiply the result of the individual
chemical by the chemical-specific mammal TEF, and then sum up
the results (mg/kg) per location:**

Chemical Name	Mammal TEF (WHO 2008)	TSB-AR-12-0	TSB-AR-13-0	TSB-AR-14-0	TSB-AR-3-0	TSB-AR-9-0	TSB-BJ-01-0	TSB-BJ-02-0	TSB-BJ-06-0	TSB-BR-02-0	TSB-BR-03-0	TSB-BR-04-0	TSB-BR-04-0 (FD)	TSB-BR-05-0	TSB-BR-06-0
1,2,3,4,5,6,7,8-Octachlorodibenzofuran	0.0003	0.0000000273	0.0000000195	0.0000000017	0.0000000300	0.0000000540	0.0000000540	0.0000002070	0.0000005400	0.0000000990	0.0000003600	0.0000000330	0.0000000600	0.0000001140	0.0000001080
1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	0.0003	0.0000000019	0.0000000028	0.0000000028	0.0000000022	0.0000000030	0.0000000045	0.0000000123	0.0000000510	0.0000000063	0.0000000330	0.0000000018	0.0000000045	0.0000000036	0.0000000039
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.01	0.0000004100	0.0000003200	0.0000000270	0.0000005000	0.0000008100	0.0000009200	0.0000032000	0.0000074000	0.0000017000	0.0000060000	0.0000060000	0.0000097000	0.0000160000	0.0000170000
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.01	0.0000000350	0.0000000130	0.0000000075	0.0000000430	0.0000000650	0.0000000890	0.0000002700	0.0000006600	0.0000001400	0.0000005200	0.0000000660	0.0000000094	0.0000000130	0.0000000140
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.01	0.0000001400	0.0000001200	0.0000000049	0.0000001600	0.0000002800	0.0000004900	0.0000017000	0.0000030000	0.0000006800	0.0000022000	0.0000002900	0.0000004200	0.0000007100	0.0000007000
1,2,3,4,7,8,9-Hexachlorodibenzofuran	0.1	0.0000015000	0.0000015000	0.0000005500	0.0000019000	0.0000030000	0.0000054000	0.0000150000	0.0						

TABLE C-3b. Sum of Polycyclic Aromatic Hydrocarbon (PAH) Mixtures for use in the SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

All results in mg/kg (ND=0.5DL)

Individual PAH	PAH Type	PC-70_06/23/1999	SA24-0.5	SA25-0.5	SA26-0.5	SA27-0.5	TSB-AJ-01-0	TSB-AJ-02-0	TSB-AJ-02-0-DUP	TSB-AJ-03-0	TSB-AR-01-0	TSB-AR-01-0-DUP	TSB-AR-02-0	TSB-AR-04-0	TSB-AR-05-0	TSB-AR-06-0	TSB-AR-06-0-DUP	TSB-AR-07-0	TSB-AR-08-0
Acenaphthene	LMW	0.0175 0	0.19 0	0.185 0	0.00355 0	0.175 0	0.28 1	0.2 1	0.01 0	0.01 0	0.0105 0	0.0105 0	0.01 0	0.01 0	0.01 0	0.075 1	0.14 1	0.0105 0	0.01 0
Acenaphthylene	LMW	0.0175 0	0.19 0	0.185 0	0.00355 0	0.175 0	0.008 0	0.008 0	0.008 0	0.008 0	0.0085 0	0.0085 0	0.008 0	0.008 0	0.008 0	0.008 0	0.0085 0	0.0085 0	0.008 0
Anthracene	LMW	0.0175 0	0.19 0	0.185 0	0.00355 0	0.175 0	0.000495 0	0.00049 0	0.00049 0	0.000495 0	0.0005 0	0.0005 0	0.000495 0	0.000495 0	0.000495 0	0.0005 0	0.0005 0	0.0005 0	0.000495 0
Fluorene	LMW	0.0175 0	0.19 0	0.185 0	0.00355 0	0.175 0	0.017 0	0.017 0	0.017 0	0.017 0	0.0175 0	0.018 0	0.017 0	0.017 0	0.017 0	0.017 0	0.017 0	0.0175 0	0.0175 0
Methylnaphthalene, 2-	LMW	0.0175 0	0.19 0	0.185 0	0.00355 0	0.175 0	0.017 0	0.017 0	0.017 0	0.017 0	0.017 0	0.017 0	0.0175 0	0.018 0	0.017 0	0.017 0	0.017 0	0.0175 0	0.0175 0
Naphthalene	LMW	0.0175 0	0.19 0	0.185 0	0.00355 0	0.175 0	0.017 0	0.017 0	0.017 0	0.017 0	0.0175 0	0.018 0	0.017 0	0.017 0	0.017 0	0.017 0	0.017 0	0.0175 0	0.0175 0
Phenanthrene	LMW	0.0175 0	0.19 0	0.185 0	0.00355 0	0.175 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0
Benzo(a)anthracene	HMW	0.0175 0	0.19 0	0.185 0	0.00355 0	0.175 0	0.001 0	0.001 0	0.001 0	0.001 0	0.00105 0	0.00105 0	0.001 0	0.001 0	0.001 0	0.001 0	0.00105 0	0.00105 0	0.001 0
Benzo(a)pyrene	HMW	0.0175 0	0.19 0	0.185 0	0.00355 0	0.175 0	0.00105 0	0.00105 0	0.00105 0	0.00105 0	0.0011 0	0.0011 0	0.00105 0	0.00105 0	0.00105 0	0.0011 0	0.0011 0	0.0011 0	0.00105 0
Benzo(b)fluoranthene	HMW	0.0175 0	0.19 0	0.185 0	0.00355 0	0.175 0	0.001 0	0.001 0	0.001 0	0.001 0	0.00105 0	0.00105 0	0.001 0	0.001 0	0.001 0	0.001 0	0.00105 0	0.00105 0	0.001 0
Benzo(g,h,i)perylene	HMW	0.0175 0	0.19 0	0.185 0	0.00355 0	0.175 0	0.00155 0	0.00155 0	0.00155 0	0.00155 0	0.0016 0	0.00165 0	0.00155 0	0.00155 0	0.00155 0	0.0016 0	0.0016 0	0.0016 0	0.00155 0
Benzo(k)fluoranthene	HMW	0.0175 0	0.19 0	0.185 0	0.00355 0	0.175 0	0.0007 0	0.0007 0	0.0007 0	0.0007 0	0.0007 0	0.00075 0	0.0007 0	0.0007 0	0.0007 0	0.0007 0	0.0007 0	0.0007 0	0.0007 0
Chrysene	HMW	0.0175 0	0.19 0	0.185 0	0.00355 0	0.175 0	0.0008 0	0.0008 0	0.0008 0	0.0008 0	0.00085 0	0.00085 0	0.0008 0	0.0008 0	0.0008 0	0.00085 0	0.00085 0	0.00085 0	0.0008 0
Dibenz(a,h)anthracene	HMW	0.0175 0	0.19 0	0.185 0	0.00355 0	0.175 0	0.00185 0	0.00185 0	0.00185 0	0.00185 0	0.0019 0	0.00195 0	0.00185 0	0.00185 0	0.00185 0	0.00185 0	0.00185 0	0.0019 0	0.00185 0
Fluoranthene	HMW	0.0175 0	0.19 0	0.185 0	0.00355 0	0.175 0	0.017 0	0.017 0	0.017 0	0.017 0	0.0175 0	0.018 0	0.017 0	0.017 0	0.017 0	0.017 0	0.0175 0	0.0175 0	0.017 0
Indeno(1,2,3-cd)pyrene	HMW	0.0175 0	0.19 0	0.185 0	0.00355 0	0.175 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0
Pyrene	HMW	0.0175 0	0.19 0	0.185 0	0.00355 0	0.175 0	0.00135 0	0.00135 0	0.00135 0	0.00135 0	0.0014 0	0.00145 0	0.00135 0	0.00135 0	0.00135 0	0.0014 0	0.0014 0	0.0014 0	0.00135 0
tPAH Sum:		0.2975 0	3.23 0	3.145 0	0.06035 0	2.975 0	0.367195 1	0.28719 1	0.09719 0	0.097195 0	0.10055 0	0.1567 1	0.097195 0	0.097195 0	0.097295 0	0.1624 1	0.23005 1	0.10055 0	0.097195 0
HMW PAH Sum:		0.175 0	1.9 0	1.85 0	0.0355 0	1.75 0	0.02705 0	0.02705 0	0.02705 0	0.02705 0	0.0279 0	0.08255 1	0.02705 0	0.02705 0	0.02715 0	0.02725 0	0.0279 0	0.0279 0	0.02705 0
LMW PAHs Sum:		0.1225 0	1.33 0	1.295 0	0.02485 0	1.225 0	0.340145 1	0.26014 1	0.07014 0	0.070145 0	0.07265 0	0.07415 0	0.070145 0	0.070145 0	0.070145 0	0.13515 1	0.20215 1	0.07265 0	0.070145 0

Notes:

Detection status indicated by 0 (non-detect) and 1 (detect). Non-detects represented as 1/2 x SQL, with the exception of the four ENSR (2007) samples, which use 1/2 x PQL because SQLs were not available at the time of this analysis.

- DL = Detection limit
- FD = Field duplicate
- HMW = High molecular weight
- LMW = Low molecular weight
- mg/kg = Milligram per kilogram
- ND = Non-detects
- PAH = Polycyclic aromatic hydrocarbons
- PQL = Practical quantitation limit
- SQL = Sample quantitation limit
- tPAH = Total PAHs

TABLE C-3b. Sum of Polycyclic Aromatic Hydrocarbon (PAH) Mixtures for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

All results in mg/kg (ND=0.5)

Individual PAH	TSB-AR-10-0	TSB-AR-11-0	TSB-AR-11-0-DUP	TSB-AR-12-0	TSB-AR-13-0	TSB-AR-14-0	TSB-AR-3-0	TSB-AR-9-0	TSB-BJ-01-0	TSB-BJ-02-0	TSB-BJ-06-0	TSB-BR-02-0	TSB-BR-03-0	TSB-BR-04-0	TSB-BR-04-0 (FD)	TSB-BR-05-0	TSB-BR-06-0
Acenaphthene	0.01 0	0.01 0	0.01 0	0.01 0	0.01 0	0.0105 0	0.01 0	0.4 1	0.01 0	0.01 0	0.0105 0	0.01 0	0.0105 0	0.01 0	0.01 0	0.01 0	0.01 0
Acenaphthylene	0.0085 0	0.008 0	0.008 0	0.008 0	0.008 0	0.0085 0	0.008 0	0.008 0	0.008 0	0.008 0	0.0085 0	0.008 0	0.0085 0	0.008 0	0.008 0	0.008 0	0.008 0
Anthracene	0.0005 0	0.0005 0	0.0005 0	0.000495 0	0.000495 0	0.0005 0	0.00049 0	0.000495 0	0.00049 0	0.00049 0	0.0005 0	0.000495 0	0.0005 0	0.0005 0	0.000495 0	0.00049 0	0.00049 0
Fluorene	0.0175 0	0.0175 0	0.017 0	0.017 0	0.017 0	0.0175 0	0.017 0	0.017 0	0.017 0	0.017 0	0.0175 0	0.017 0	0.0175 0	0.0175 0	0.017 0	0.017 0	0.017 0
Methylnaphthalene, 2-	0.0175 0	0.0175 0	0.017 0	0.017 0	0.017 0	0.0175 0	0.017 0	0.017 0	0.017 0	0.017 0	0.0175 0	0.017 0	0.0175 0	0.0175 0	0.017 0	0.017 0	0.017 0
Naphthalene	0.0175 0	0.0175 0	0.017 0	0.017 0	0.017 0	0.0175 0	0.017 0	0.017 0	0.017 0	0.017 0	0.0175 0	0.017 0	0.0175 0	0.0175 0	0.017 0	0.017 0	0.017 0
Phenanthrene	0.00065 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0	0.00065 0
Benzo(a)anthracene	0.001 0	0.001 0	0.001 0	0.001 0	0.001 0	0.00105 0	0.001 0	0.001 0	0.001 0	0.001 0	0.00105 0	0.001 0	0.00105 0	0.00105 0	0.001 0	0.001 0	0.001 0
Benzo(a)pyrene	0.0011 0	0.0011 0	0.0011 0	0.00105 0	0.00105 0	0.0011 0	0.00105 0	0.00105 0	0.00105 0	0.00105 0	0.0011 0	0.00105 0	0.0011 0	0.0011 0	0.00105 0	0.00105 0	0.00105 0
Benzo(b)fluoranthene	0.001 0	0.001 0	0.001 0	0.001 0	0.001 0	0.00105 0	0.001 0	0.001 0	0.001 0	0.001 0	0.00105 0	0.001 0	0.00105 0	0.001 0	0.001 0	0.001 0	0.001 0
Benzo(g,h,i)perylene	0.0016 0	0.0016 0	0.0016 0	0.00155 0	0.00155 0	0.0016 0	0.00155 0	0.00155 0	0.00155 0	0.00155 0	0.0016 0	0.00155 0	0.0016 0	0.0016 0	0.00155 0	0.00155 0	0.00155 0
Benzo(k)fluoranthene	0.0007 0	0.0007 0	0.0007 0	0.0007 0	0.0007 0	0.0007 0	0.0007 0	0.0007 0	0.0007 0	0.0007 0	0.0007 0	0.0007 0	0.0007 0	0.0007 0	0.0007 0	0.0007 0	0.0007 0
Chrysene	0.00085 0	0.00085 0	0.00085 0	0.0008 0	0.0008 0	0.00085 0	0.0008 0	0.0008 0	0.0008 0	0.0008 0	0.00085 0	0.0008 0	0.00085 0	0.00085 0	0.0008 0	0.0008 0	0.0008 0
Dibenz(a,h)anthracene	0.00185 0	0.00185 0	0.00185 0	0.00185 0	0.00185 0	0.00185 0	0.00185 0	0.00185 0	0.00185 0	0.00185 0	0.0019 0	0.00185 0	0.0019 0	0.00185 0	0.00185 0	0.00185 0	0.00185 0
Fluoranthene	0.0175 0	0.0175 0	0.017 0	0.017 0	0.017 0	0.0175 0	0.017 0	0.017 0	0.017 0	0.017 0	0.0175 0	0.017 0	0.0175 0	0.0175 0	0.017 0	0.017 0	0.017 0
Indeno(1,2,3-cd)pyrene	0.00075 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0	0.00075 0
Pyrene	0.0014 0	0.0014 0	0.0014 0	0.0014 0	0.00135 0	0.0014 0	0.00135 0	0.00135 0	0.00135 0	0.00135 0	0.0014 0	0.00135 0	0.0014 0	0.0014 0	0.0014 0	0.00135 0	0.00135 0
tPAH Sum:	0.0999 0	0.0994 0	0.0974 0	0.097245 0	0.097195 0	0.1005 0	0.09719 0	0.487195 1	0.09719 0	0.09719 0	0.10055 0	0.097195 0	0.10055 0	0.0994 0	0.097245 0	0.09719 0	0.09719 0
HMW PAH Sum:	0.02775 0	0.02775 0	0.02725 0	0.0271 0	0.02705 0	0.02785 0	0.02705 0	0.02705 0	0.02705 0	0.02705 0	0.0279 0	0.02705 0	0.0279 0	0.02775 0	0.0271 0	0.02705 0	0.02705 0
LMW PAHs Sum:	0.07215 0	0.07165 0	0.07015 0	0.070145 0	0.070145 0	0.07265 0	0.07014 0	0.460145 1	0.07014 0	0.07014 0	0.07265 0	0.070145 0	0.07265 0	0.07165 0	0.070145 0	0.07014 0	0.07014 0

TABLE C-3c. Sum of Dichlorodiphenyltrichloroethane (DDT) and Isomers for DDx for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Location	Sample ID	2,4-DDD	4,4'-DDD	2,4-DDE	4,4'-DDE	4,4'-DDT	DDx
PC-70	PC-70_06/23/1999	--	0.000205 0	--	0.000205 0	0.000205 0	= 0.000615 0
SA24	SA24-0.5	--	0.001 0	--	0.001 0	0.001 0	= 0.003 0
SA25	SA25-0.5	--	0.00095 0	--	0.015 1	0.01 1	= 0.02595 1
SA26	SA26-0.5	--	0.0009 0	--	0.0009 0	0.0009 0	= 0.0027 0
SA27	SA27-0.5	--	0.0009 0	--	0.0009 0	0.0009 0	= 0.0027 0
TSB-AJ-01	TSB-AJ-01-0	0.00006 0	0.00008 0	0.000046 0	0.00013 0	0.00022 0	= 0.000536 0
TSB-AJ-02	TSB-AJ-02-0	0.000055 0	0.00008 0	0.0022 1	0.0044 1	0.0036 1	= 0.010335 1
TSB-AJ-02	TSB-AJ-02-0-DUP	0.000055 0	0.00008 0	0.0035 1	0.0082 1	0.0073 1	= 0.019135 1
TSB-AJ-03	TSB-AJ-03-0	0.00006 0	0.00008 0	0.0000455 0	0.0039 1	0.0023 1	= 0.0063855 1
TSB-AR-01	TSB-AR-01-0	0.00006 0	0.000085 0	0.000047 0	0.00013 0	0.000225 0	= 0.000547 0
TSB-AR-01	TSB-AR-01-0-DUP	0.00006 0	0.000085 0	0.000048 0	0.000135 0	0.00023 0	= 0.000558 0
TSB-AR-02	TSB-AR-02-0	0.00006 0	0.00008 0	0.000046 0	0.0035 1	0.00022 0	= 0.003906 1
TSB-AR-04	TSB-AR-04-0	0.00006 0	0.00008 0	0.000046 0	0.00013 0	0.00022 0	= 0.000536 0
TSB-AR-05	TSB-AR-05-0	0.00006 0	0.000085 0	0.000046 0	0.00013 0	0.00022 0	= 0.000541 0
TSB-AR-06	TSB-AR-06-0	0.00006 0	0.000085 0	0.000046 0	0.00013 0	0.00022 0	= 0.000541 0
TSB-AR-06	TSB-AR-06-0-DUP	0.00006 0	0.000085 0	0.0000465 0	0.00013 0	0.000225 0	= 0.0005465 0
TSB-AR-07	TSB-AR-07-0	0.00006 0	0.000085 0	0.000047 0	0.000135 0	0.000225 0	= 0.000552 0
TSB-AR-08	TSB-AR-08-0	0.00006 0	0.00008 0	0.000046 0	0.00013 0	0.00022 0	= 0.000536 0
TSB-AR-10	TSB-AR-10-0	0.00006 0	0.000085 0	0.0000465 0	0.00013 0	0.00022 0	= 0.0005415 0
TSB-AR-11	TSB-AR-11-0	0.00006 0	0.000085 0	0.0000465 0	0.00013 0	0.00022 0	= 0.0005415 0
TSB-AR-11	TSB-AR-11-0-DUP	0.00006 0	0.000085 0	0.000046 0	0.00013 0	0.00022 0	= 0.000541 0
TSB-AR-12	TSB-AR-12-0	0.00006 0	0.000085 0	0.0074 1	0.0046 1	0.00022 0	= 0.012365 1
TSB-AR-13	TSB-AR-13-0	0.00006 0	0.00008 0	0.000046 0	0.00013 0	0.00022 0	= 0.000536 0
TSB-AR-14	TSB-AR-14-0	0.00006 0	0.000085 0	0.0000465 0	0.00013 0	0.00022 0	= 0.0005415 0
TSB-AR-3	TSB-AR-3-0	0.000055 0	0.00008 0	0.0000455 0	0.00013 0	0.000215 0	= 0.0005255 0
TSB-AR-9	TSB-AR-9-0	0.00006 0	0.00008 0	0.000046 0	0.002 1	0.00022 0	= 0.002406 1
TSB-BJ-01	TSB-BJ-01-0	0.000055 0	0.00008 0	0.0000455 0	0.002 1	0.000215 0	= 0.0023955 1
TSB-BJ-02	TSB-BJ-02-0	0.000055 0	0.00008 0	0.0034 1	0.0084 1	0.0032 1	= 0.015135 1
TSB-BJ-06	TSB-BJ-06-0	0.00006 0	0.000085 0	0.0023 1	0.014 1	0.012 1	= 0.028445 1
TSB-BR-02	TSB-BR-02-0	0.00006 0	0.00008 0	0.0000455 0	0.00013 0	0.00022 0	= 0.0005355 0
TSB-BR-03	TSB-BR-03-0	0.00006 0	0.000085 0	0.0000475 0	0.0079 1	0.0035 1	= 0.0115925 1
TSB-BR-04	TSB-BR-04-0	0.00006 0	0.000085 0	0.0000465 0	0.00013 0	0.00022 0	= 0.0005415 0
TSB-BR-04	TSB-BR-04-0 (FD)	0.00006 0	0.000085 0	0.000046 0	0.0018 1	0.00022 0	= 0.002211 1
TSB-BR-05	TSB-BR-05-0	0.000055 0	0.00008 0	0.0000455 0	0.00013 0	0.000215 0	= 0.0005255 0
TSB-BR-06	TSB-BR-06-0	0.000055 0	0.00008 0	0.0000455 0	0.0024 1	0.000215 0	= 0.0027955 1

Notes:

All concentrations are in mg/kg.

Detection status indicated by 0 (non-detect) and 1 (detect). Non-detects represented as 1/2 x SQL.

FD = Field duplicate

DDD = Dichlorodiphenyldichloroethane

DDE = Dichlorodiphenyldichloroethylene

DDT = Dichlorodiphenyltrichloroethane

DDx = Sum of all DDT isomers and metabolites

Dup = Duplicate

mg/kg = Milligram per kilogram

SQL = sample quantitation limit

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

APPENDIX C-4
BRC/TIMET BACKGROUND DATASET USED FOR THE OU-2 SLERA

Table C-4 Background Data for the NERT Off-Site Study Area (OU-2) for use in the
SLERA

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Actinium-227	-0.19	U	pCi/g	0.46	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Actinium-227	-0.29	U	pCi/g	0.43	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Actinium-227	-0.41	U	pCi/g	0.45	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Actinium-227	0.1	U	pCi/g	0.48	0.85	0.85	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Actinium-227	-0.003	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Actinium-227	-0.36	U	pCi/g	0.46	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Actinium-227	-0.02	U	pCi/g	0.48	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Actinium-227	-0.17	U	pCi/g	0.51	0.87	0.87	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Actinium-227	0.24	U	pCi/g	0.52	0.93	0.93	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Actinium-227	0.34	U	pCi/g	0.44	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Actinium-227	0.14	U	pCi/g	0.47	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Actinium-227	-0.11	U	pCi/g	0.42	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Actinium-227	0.08	U	pCi/g	0.45	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Actinium-227	0.23	U	pCi/g	0.48	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Actinium-227	0.15	U	pCi/g	0.42	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Actinium-227	0.2	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Actinium-227	0.36	U	pCi/g	0.47	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Actinium-227	-0.09	U	pCi/g	0.43	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Actinium-227	0.38	U	pCi/g	0.52	0.97	0.97	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Actinium-227	-0.38	U	pCi/g	0.51	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Actinium-227	-0.19	U	pCi/g	0.45	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Actinium-227	0.27	U	pCi/g	0.45	0.82	0.82	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Actinium-227	0.02	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Actinium-227	-0.16	U	pCi/g	0.37	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Actinium-227	0.13	U	pCi/g	0.48	0.87	0.87	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Actinium-227	0.13	U	pCi/g	0.43	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Actinium-227	-0.27	U	pCi/g	0.48	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Actinium-227	-0.22	U	pCi/g	0.41	0.7	0.7	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Actinium-227	-0.11	U	pCi/g	0.36	0.62	0.62	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Actinium-227	-0.25	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Actinium-227	0.06	U	pCi/g	0.41	0.74	0.74	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Actinium-227	-0.15	U	pCi/g	0.39	0.66	0.66	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Actinium-227	0.12	U	pCi/g	0.34	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Actinium-227	-0.27	U	pCi/g	0.41	0.68	0.68	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Actinium-227	-0.42	U	pCi/g	0.42	0.66	0.66	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Actinium-227	0.15	U	pCi/g	0.38	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Actinium-227	0.04	U	pCi/g	0.44	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Actinium-227	0.36	U	pCi/g	0.41	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Actinium-227	0.3	U	pCi/g	0.52	0.95	0.95	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Actinium-227	0.23	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Actinium-227	0.13	U	pCi/g	0.45	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Actinium-227	-0.03	U	pCi/g	0.43	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Actinium-227	0.008	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Actinium-227	-0.05	U	pCi/g	0.41	0.72	0.72	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Actinium-227	-0.13	U	pCi/g	0.41	0.71	0.71	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Actinium-227	0.02	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Actinium-227	0.06	U	pCi/g	0.44	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Actinium-227	-0.28	U	pCi/g	0.46	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Actinium-227	0.21	U	pCi/g	0.47	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Actinium-227	-0.02	U	pCi/g	0.49	0.87	0.87	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Actinium-227	-0.29	U	pCi/g	0.51	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Actinium-227	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Actinium-227	-0.07	U	pCi/g	0.44	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Actinium-227	0.2	U	pCi/g	0.4	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Actinium-227	-0.02	U	pCi/g	0.42	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Actinium-227	0.11	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Actinium-227	-0.27	U	pCi/g	0.41	0.69	0.69	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Actinium-227	-0.32	U	pCi/g	0.43	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Actinium-227	-0.37	U	pCi/g	0.46	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Actinium-227	-0.13	U	pCi/g	0.45	0.78	0.78	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Actinium-227	0.12	U	pCi/g	0.46	0.84	0.84	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Actinium-227	-0.11	U	pCi/g	0.42	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Actinium-227	0.03	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Actinium-227	-0.05	U	pCi/g	0.38	0.68	0.68	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Actinium-227	-0.24	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Actinium-227	-0.18	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Actinium-227	-0.11	U	pCi/g	0.47	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Actinium-227	-0.12	U	pCi/g	0.4	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Actinium-227	0.13	U	pCi/g	0.44	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Actinium-227	-0.24	U	pCi/g	0.44	0.74	0.74	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Actinium-227	-0.17	U	pCi/g	0.49	0.83	0.83	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Actinium-227	-0.32	U	pCi/g	0.35	0.58	0.58	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Actinium-227	0.03	U	pCi/g	0.48	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Actinium-227	-0.27	U	pCi/g	0.45	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Actinium-227	0.14	U	pCi/g	0.46	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Actinium-227	0.13	U	pCi/g	0.42	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Actinium-227	0.37	U	pCi/g	0.49	0.91	0.91	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Actinium-227	-0.29	U	pCi/g	0.38	0.62	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Actinium-227	-0.52	U	pCi/g	0.47	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Actinium-227	0.31	U	pCi/g	0.4	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Actinium-227	-0.49	U	pCi/g	0.38	0.59	0.59	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Actinium-227	0.4	U	pCi/g	0.49	0.93	0.93	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Actinium-227	-0.33	U	pCi/g	0.44	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Actinium-227	-0.06	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Actinium-227	-0.29	U	pCi/g	0.47	0.77	0.77	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Actinium-227	-0.1	U	pCi/g	0.39	0.68	0.68	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Actinium-227	0.26	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Actinium-227	-0.07	U	pCi/g	0.38	0.67	0.67	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Actinium-227	0.03	U	pCi/g	0.46	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Actinium-227	-0.15	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Actinium-227	0.06	U	pCi/g	0.42	0.75	0.75	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Actinium-227	-0.04	U	pCi/g	0.39	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Actinium-227	0.03	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Actinium-227	-0.2	U	pCi/g	0.51	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Actinium-227	-0.06	U	pCi/g	0.4	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Actinium-228	2.01		pCi/g	0.75	0.37	0.37	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Actinium-228	2.19		pCi/g	0.73	0.36	0.36	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Actinium-228	1.74		pCi/g	0.66	0.39	0.39	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Actinium-228	2.53		pCi/g	0.83	0.44	0.44	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Actinium-228	1.96		pCi/g	0.72	0.46	0.46	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Actinium-228	2.05		pCi/g	0.71	0.38	0.38	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Actinium-228	2.2		pCi/g	0.8	0.57	0.57	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Actinium-228	2.66		pCi/g	0.85	0.33	0.33	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Actinium-228	1.72		pCi/g	0.63	0.42	0.42	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Actinium-228	1.98		pCi/g	0.71	0.36	0.36	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Actinium-228	1.84		pCi/g	0.69	0.39	0.39	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Actinium-228	1.9		pCi/g	0.66	0.37	0.37	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Actinium-228	2.05		pCi/g	0.69	0.39	0.39	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Actinium-228	2.28		pCi/g	0.79	0.41	0.41	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Actinium-228	2		pCi/g	0.69	0.37	0.37	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Actinium-228	1.65		pCi/g	0.63	0.42	0.42	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Actinium-228	2.35		pCi/g	0.79	0.33	0.33	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Actinium-228	2.32		pCi/g	0.77	0.33	0.33	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Actinium-228	2.2		pCi/g	0.75	0.43	0.43	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Actinium-228	1.67		pCi/g	0.69	0.39	0.39	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Actinium-228	2		pCi/g	0.7	0.42	0.42	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Actinium-228	1.37		pCi/g	0.62	0.43	0.43	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Actinium-228	2.04		pCi/g	0.79	0.41	0.41	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Actinium-228	1.51		pCi/g	0.58	0.29	0.29	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Actinium-228	2.05		pCi/g	0.76	0.38	0.38	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Actinium-228	1.71		pCi/g	0.66	0.39	0.39	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Actinium-228	1.71		pCi/g	0.66	0.42	0.42	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Actinium-228	1.36		pCi/g	0.51	0.4	0.4	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Actinium-228	1.24		pCi/g	0.51	0.35	0.35	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Actinium-228	1.48		pCi/g	0.54	0.32	0.32	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Actinium-228	1.79		pCi/g	0.64	0.43	0.43	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Actinium-228	2.04		pCi/g	0.7	0.36	0.36	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Actinium-228	1.55		pCi/g	0.6	0.32	0.32	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Actinium-228	2.03		pCi/g	0.7	0.36	0.36	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Actinium-228	1.32		pCi/g	0.53	0.33	0.33	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Actinium-228	1.94		pCi/g	0.62	0.39	0.39	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Actinium-228	1.3		pCi/g	0.55	0.36	0.36	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Actinium-228	1.76		pCi/g	0.66	0.41	0.41	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Actinium-228	2.28		pCi/g	0.77	0.43	0.43	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Actinium-228	2.29		pCi/g	0.72	0.37	0.37	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Actinium-228	2.32		pCi/g	0.74	0.35	0.35	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Actinium-228	2.43		pCi/g	0.77	0.3	0.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Actinium-228	1.81		pCi/g	0.68	0.37	0.37	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Actinium-228	2.27		pCi/g	0.73	0.34	0.34	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Actinium-228	2.17		pCi/g	0.74	0.35	0.35	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Actinium-228	2.33		pCi/g	0.79	0.4	0.4	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Actinium-228	2.01		pCi/g	0.75	0.47	0.47	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Actinium-228	1.68		pCi/g	0.66	0.38	0.38	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Actinium-228	2.12		pCi/g	0.81	0.39	0.39	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Actinium-228	3.4		pCi/g	1.1	0.5	0.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Actinium-228	1.78		pCi/g	0.65	0.42	0.42	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Actinium-228	1.71		pCi/g	0.59	0.39	0.39	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Actinium-228	1.71		pCi/g	0.63	0.34	0.34	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Actinium-228	2.09		pCi/g	0.74	0.47	0.47	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Actinium-228	1.64		pCi/g	0.65	0.41	0.41	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Actinium-228	1.69		pCi/g	0.65	0.37	0.37	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Actinium-228	1.59		pCi/g	0.58	0.31	0.31	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Actinium-228	1.7		pCi/g	0.63	0.38	0.38	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Actinium-228	1.18		pCi/g	0.53	0.41	0.41	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Actinium-228	1.77		pCi/g	0.6	0.45	0.45	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Actinium-228	1.55		pCi/g	0.57	0.32	0.32	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Actinium-228	1.61		pCi/g	0.57	0.34	0.34	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Actinium-228	1.42		pCi/g	0.57	0.38	0.38	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Actinium-228	1.76		pCi/g	0.59	0.32	0.32	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Actinium-228	1.24		pCi/g	0.6	0.36	0.36	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Actinium-228	1.55		pCi/g	0.61	0.41	0.41	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Actinium-228	1.68		pCi/g	0.62	0.36	0.36	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Actinium-228	1.39		pCi/g	0.54	0.39	0.39	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Actinium-228	2.05		pCi/g	0.73	0.31	0.31	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Actinium-228	2.56		pCi/g	0.77	0.34	0.34	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Actinium-228	2.08		pCi/g	0.71	0.42	0.42	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Actinium-228	1.91		pCi/g	0.62	0.22	0.22	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Actinium-228	1.47		pCi/g	0.59	0.38	0.38	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Actinium-228	2.52		pCi/g	0.81	0.44	0.44	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Actinium-228	1.8		pCi/g	0.68	0.4	0.4	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Actinium-228	2.24		pCi/g	0.71	0.37	0.37	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Actinium-228	1.8		pCi/g	0.69	0.4	0.4	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Actinium-228	1.56		pCi/g	0.59	0.42	0.42	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Actinium-228	1.61		pCi/g	0.64	0.37	0.37	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Actinium-228	1.51		pCi/g	0.6	0.32	0.32	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Actinium-228	1.48		pCi/g	0.55	0.31	0.31	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Actinium-228	2.04		pCi/g	0.73	0.33	0.33	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Actinium-228	2		pCi/g	0.75	0.41	0.41	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Actinium-228	1.71		pCi/g	0.6	0.47	0.47	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Actinium-228	1.8		pCi/g	0.62	0.4	0.4	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Actinium-228	1.6		pCi/g	0.56	0.31	0.31	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Actinium-228	2.31		pCi/g	0.77	0.34	0.34	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Actinium-228	2.04		pCi/g	0.67	0.32	0.32	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Actinium-228	1.32		pCi/g	0.61	0.4	0.4	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Actinium-228	1.64		pCi/g	0.6	0.38	0.38	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Actinium-228	2.01		pCi/g	0.67	0.4	0.4	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Actinium-228	1.56		pCi/g	0.56	0.36	0.36	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Actinium-228	2.13		pCi/g	0.72	0.38	0.38	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Actinium-228	2.03		pCi/g	0.68	0.37	0.37	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Actinium-228	1.4		pCi/g	0.59	0.39	0.39	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Aluminum	13900	J	mg/kg		3.1	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Aluminum	5090	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Aluminum	5570	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Aluminum	11400	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Aluminum	6670	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Aluminum	3740	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Aluminum	10300	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Aluminum	5230	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Aluminum	4130	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Aluminum	6980	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Aluminum	6530	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Aluminum	6420	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Aluminum	9620	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Aluminum	7650	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Aluminum	6560	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Aluminum	10800	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Aluminum	6470		mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Aluminum	8450		mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Aluminum	11400		mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Aluminum	8990		mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Aluminum	5300		mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Aluminum	9570		mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Aluminum	6730		mg/kg		3.2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Aluminum	6100		mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Aluminum	12800		mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Aluminum	7320		mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Aluminum	6310		mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Aluminum	12600	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Aluminum	14700	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Aluminum	12500	J	mg/kg		3.2	2	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Aluminum	13400	J	mg/kg		3.1	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Aluminum	11800	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Aluminum	13300	J	mg/kg		3.2	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Aluminum	13300	J	mg/kg		3.1	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Aluminum	10600		mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Aluminum	10900	J	mg/kg		3.2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Aluminum	12200	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Aluminum	7240	J	mg/kg		3.1	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Aluminum	10600	J	mg/kg		3.2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Aluminum	7500	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Aluminum	5660	J	mg/kg		3.8	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Aluminum	6530	J	mg/kg		3.2	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Aluminum	7130	J	mg/kg		3.1	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Aluminum	7820	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Aluminum	5740		mg/kg		3.2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Aluminum	7880		mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Aluminum	8730	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Aluminum	6620		mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Aluminum	5220		mg/kg		3.2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Aluminum	7660		mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Aluminum	11600	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Aluminum	11700	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Aluminum	10300	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Aluminum	13800	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Aluminum	11600	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Aluminum	10800	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Aluminum	12400	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Aluminum	10300	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Aluminum	11600	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Aluminum	13100	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Aluminum	7190	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Aluminum	9210	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Aluminum	12200	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Aluminum	8400	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Aluminum	9880	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Aluminum	11200	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Aluminum	7890	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Aluminum	10300	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Aluminum	8080	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Aluminum	6800	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Aluminum	8440	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Aluminum	6360	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Aluminum	8100	J	mg/kg		3.2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Aluminum	7270	J	mg/kg		3.1	2	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Aluminum	6820	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Aluminum	8010	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Aluminum	8250	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Aluminum	11200	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Aluminum	11100	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Aluminum	12000	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Aluminum	6340	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Aluminum	15300	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Aluminum	8560	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Aluminum	10400	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Aluminum	12600	J	mg/kg		3.2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Aluminum	11200	J	mg/kg		3.2	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Aluminum	8220	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Aluminum	6520	J	mg/kg		3.2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Aluminum	8470	J	mg/kg		3.2	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Aluminum	7220		mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Aluminum	6950		mg/kg		3.2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Aluminum	6720		mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Aluminum	6850		mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Aluminum	6920		mg/kg		3.2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Aluminum	6730		mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Antimony	0.5	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Antimony	0.46	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Antimony	0.14	J-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Antimony	0.25	J-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Antimony	0.38	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Antimony	0.13	J-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Antimony	0.23	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Antimony	0.14	J-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Antimony	0.24	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Antimony	0.16	J-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Antimony	0.21	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Antimony	0.17	J-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Antimony	0.14	J-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Antimony	0.23	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Antimony	0.35	J-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Antimony	0.12	J-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Antimony	0.32	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Antimony	0.2	J-	mg/kg		1.1	0.3298	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Antimony	0.15	J-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Antimony	0.2	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Antimony	0.3298	UJ-	mg/kg		1.1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Antimony	0.3298	U	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Antimony	0.3298	UJ-	mg/kg		1.1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Antimony	0.3298	UJ-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Antimony	0.3298	UJ-	mg/kg		1.1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Antimony	0.28	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Antimony	0.3298	UJ-	mg/kg		1.1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Antimony	0.3298	UJ-	mg/kg		1.1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Antimony	0.39	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Antimony	0.3298	UJ-	mg/kg		1.3	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Antimony	0.12	J-	mg/kg		1.1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Antimony	0.3298	UJ-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Antimony	0.2	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Antimony	0.23	J	mg/kg		1.1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Antimony	0.21	J	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Antimony	0.2	J	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Antimony	0.3298	U	mg/kg		1.1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Antimony	0.29	J	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Antimony	0.28	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Antimony	0.12	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Antimony	0.17	J-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Antimony	0.25	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Antimony	0.29	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Antimony	0.27	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Antimony	0.36	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Antimony	0.18	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Antimony	0.3298	UJ-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Antimony	0.32	J-	mg/kg		1.1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Antimony	0.15	J-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Antimony	0.3298	UJ-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Antimony	0.3298	UJ-	mg/kg		1.1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Antimony	0.3298	UJ-	mg/kg		1.1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Antimony	0.3298	UJ-	mg/kg		1.1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Antimony	0.4	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Antimony	0.3298	UJ-	mg/kg		1.1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Antimony	0.41	J-	mg/kg		1.1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Antimony	0.22	J	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Antimony	0.15	J	mg/kg		1.1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Antimony	0.3298	U	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Antimony	0.15	J	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Antimony	0.3298	U	mg/kg		1.1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Antimony	0.3298	U	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Arsenic	5.4	J	mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Arsenic	3.4	J	mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Arsenic	5.1	J	mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Arsenic	5.3	J	mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Arsenic	4.4	J	mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Arsenic	4.6		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Arsenic	6.9		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Arsenic	4		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Arsenic	4.8		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Arsenic	4.2	J	mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Arsenic	3	J	mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Arsenic	3.4	J	mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Arsenic	6.3	J	mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Arsenic	3.6	J	mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Arsenic	3.9	J	mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Arsenic	5.9	J	mg/kg		1	0.1278	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Arsenic	3.6		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Arsenic	3.7		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Arsenic	4.7		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Arsenic	3.5		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Arsenic	4.3		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Arsenic	4.1		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Arsenic	4		mg/kg		1.1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Arsenic	5.7		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Arsenic	4.9		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Arsenic	3.5		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Arsenic	6		mg/kg		1.1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Arsenic	2.5		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Arsenic	3.1		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Arsenic	3.2		mg/kg		1.1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Arsenic	2.6		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Arsenic	2.8		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Arsenic	3.1		mg/kg		1.1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Arsenic	2.5		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Arsenic	3.4		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Arsenic	2.9		mg/kg		1.1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Arsenic	3.2		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Arsenic	2.6		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Arsenic	3.6		mg/kg		1.1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Arsenic	3.7		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Arsenic	3.1		mg/kg		1.3	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Arsenic	3.7		mg/kg		1.1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Arsenic	2.6		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Arsenic	3.3		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Arsenic	3.4		mg/kg		1.1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Arsenic	3.9		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Arsenic	2.6		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Arsenic	3		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Arsenic	4.4		mg/kg		1.1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Arsenic	3.4		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Arsenic	5.4		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Arsenic	4.9		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Arsenic	5.7		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Arsenic	6.3		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Arsenic	5.1		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Arsenic	4.7		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Arsenic	5.6		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Arsenic	5.5		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Arsenic	4.4		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Arsenic	7.2	J	mg/kg		1	0.1278	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Arsenic	5.2	J	mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Arsenic	4.1	J	mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Arsenic	5.2		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Arsenic	6.1	J	mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Arsenic	3.3	J	mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Arsenic	6.4	J	mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Arsenic	5.6	J	mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Arsenic	5.4	J	mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Arsenic	3.6		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Arsenic	3.7		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Arsenic	4		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Arsenic	3		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Arsenic	3.8		mg/kg		1.1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Arsenic	4.2		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Arsenic	3.4		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Arsenic	3.7		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Arsenic	3.7		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Arsenic	4.3		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Arsenic	3.6		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Arsenic	4		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Arsenic	2.9		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Arsenic	4.5		mg/kg		1.1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Arsenic	4.2		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Arsenic	3.7		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Arsenic	3.9		mg/kg		1.1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Arsenic	3.6		mg/kg		1.1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Arsenic	4.2		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Arsenic	4		mg/kg		1.1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Arsenic	6		mg/kg		1.1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Arsenic	3.5		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Arsenic	3.7		mg/kg		1.1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Arsenic	5		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Arsenic	3.9		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Arsenic	4.2		mg/kg		1.1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Arsenic	6.7		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Barium	190		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Barium	111		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Barium	147		mg/kg		2	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Barium	181		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Barium	187		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Barium	82.5	J+	mg/kg		2	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Barium	162	J+	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Barium	114	J+	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Barium	102	J+	mg/kg		2.1	0.152	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Barium	90.4		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Barium	216		mg/kg		2	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Barium	174		mg/kg		2	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Barium	131		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Barium	224		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Barium	177		mg/kg		2	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Barium	146		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Barium	167		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Barium	184		mg/kg		2	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Barium	205		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Barium	221		mg/kg		2	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Barium	136		mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Barium	171		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Barium	177		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Barium	135		mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Barium	215		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Barium	217		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Barium	175		mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Barium	220	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Barium	272	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Barium	191	J	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Barium	218	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Barium	183	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Barium	245	J	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Barium	445	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Barium	157		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Barium	188	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Barium	197	J	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Barium	152	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Barium	143	J	mg/kg		2.2	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Barium	122	J+	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Barium	77.2	J+	mg/kg		2.5	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Barium	118	J+	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Barium	145	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Barium	141	J+	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Barium	96.7		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Barium	122		mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Barium	154	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Barium	139		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Barium	73		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Barium	121		mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Barium	150	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Barium	213	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Barium	142	J	mg/kg		2.1	0.152	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Barium	193	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Barium	210	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Barium	202	J	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Barium	218	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Barium	204	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Barium	169	J	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Barium	219		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Barium	226		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Barium	231		mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Barium	230	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Barium	311		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Barium	340		mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Barium	215		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Barium	277		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Barium	309		mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Barium	119	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Barium	140	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Barium	154	J	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Barium	117	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Barium	254	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Barium	203	J	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Barium	127	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Barium	118	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Barium	139	J	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Barium	142	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Barium	218	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Barium	171	J	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Barium	154	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Barium	240	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Barium	146	J	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Barium	190	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Barium	264	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Barium	154	J	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Barium	185	J+	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Barium	138	J+	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Barium	166	J+	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Barium	202		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Barium	130		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Barium	175		mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Barium	152		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Barium	143		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Barium	88.9		mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Beryllium	0.78		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Beryllium	0.38	J	mg/kg		0.52	0.038	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Beryllium	0.37	J	mg/kg		0.51	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Beryllium	0.73		mg/kg		0.5	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Beryllium	0.48	J	mg/kg		0.51	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Beryllium	0.46	J	mg/kg		0.51	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Beryllium	0.85		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Beryllium	0.54		mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Beryllium	0.5	J	mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Beryllium	0.54		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Beryllium	0.55		mg/kg		0.51	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Beryllium	0.53		mg/kg		0.51	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Beryllium	0.72		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Beryllium	0.54		mg/kg		0.51	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Beryllium	0.5	J	mg/kg		0.51	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Beryllium	0.8		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Beryllium	0.47	J	mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Beryllium	0.54		mg/kg		0.51	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Beryllium	0.57		mg/kg		0.5	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Beryllium	0.44	J	mg/kg		0.51	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Beryllium	0.44	J	mg/kg		0.51	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Beryllium	0.57		mg/kg		0.5	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Beryllium	0.44	J	mg/kg		0.53	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Beryllium	0.41	J	mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Beryllium	0.84		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Beryllium	0.5	J	mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Beryllium	0.41	J	mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Beryllium	0.44	J	mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Beryllium	0.5	J	mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Beryllium	0.43	J	mg/kg		0.53	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Beryllium	0.45	J	mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Beryllium	0.45	J	mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Beryllium	0.5	J	mg/kg		0.53	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Beryllium	0.41	J	mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Beryllium	0.65		mg/kg		0.5	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Beryllium	0.46	J	mg/kg		0.53	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Beryllium	0.47	J	mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Beryllium	0.35	J	mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Beryllium	0.54	J	mg/kg		0.54	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Beryllium	0.84		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Beryllium	0.69		mg/kg		0.63	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Beryllium	0.89		mg/kg		0.53	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Beryllium	0.33	J	mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Beryllium	0.89		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Beryllium	0.76		mg/kg		0.53	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Beryllium	0.79		mg/kg		0.52	0.038	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Beryllium	0.37	J	mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Beryllium	0.73		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Beryllium	0.61		mg/kg		0.53	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Beryllium	0.88		mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Beryllium	0.69		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Beryllium	0.69		mg/kg		0.51	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Beryllium	0.5	J	mg/kg		0.51	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Beryllium	0.77		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Beryllium	0.64		mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Beryllium	0.63		mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Beryllium	0.76		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Beryllium	0.62		mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Beryllium	0.62		mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Beryllium	0.81		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Beryllium	0.48	J	mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Beryllium	0.52		mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Beryllium	0.74		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Beryllium	0.71		mg/kg		0.51	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Beryllium	0.48	J	mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Beryllium	0.82		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Beryllium	0.59		mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Beryllium	0.58		mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Beryllium	0.66		mg/kg		0.5	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Beryllium	0.6		mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Beryllium	0.62		mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Beryllium	0.54		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Beryllium	0.77		mg/kg		0.53	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Beryllium	0.64		mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Beryllium	0.62		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Beryllium	0.66		mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Beryllium	0.67		mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Beryllium	0.32	J	mg/kg		0.5	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Beryllium	0.42	J	mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Beryllium	0.42	J	mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Beryllium	0.16	J	mg/kg		0.5	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Beryllium	0.47	J	mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Beryllium	0.29	J	mg/kg		0.51	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Beryllium	0.45	J	mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Beryllium	0.49	J	mg/kg		0.53	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Beryllium	0.42	J	mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Beryllium	0.85		mg/kg		0.5	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Beryllium	0.77		mg/kg		0.53	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Beryllium	0.81		mg/kg		0.53	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Beryllium	0.8		mg/kg		0.5	0.038	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Beryllium	0.76		mg/kg		0.53	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Beryllium	0.64		mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Beryllium	0.73		mg/kg		0.5	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Beryllium	0.76		mg/kg		0.53	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Beryllium	0.72		mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Bismuth-212	0.61	U	pCi/g	0.64	0.86	0.86	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Bismuth-212	0.87		pCi/g	0.58	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Bismuth-212	0.74	U	pCi/g	0.57	0.86	0.86	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Bismuth-212	1.05	U	pCi/g	0.54	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Bismuth-212	0.82	U	pCi/g	0.55	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Bismuth-212	1.22		pCi/g	0.57	0.81	0.81	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Bismuth-212	0.81		pCi/g	0.64	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Bismuth-212	1.6		pCi/g	0.7	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Bismuth-212	1.22	U	pCi/g	0.59	1.2	1.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Bismuth-212	1.82		pCi/g	0.67	0.82	0.82	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Bismuth-212	1.7		pCi/g	0.63	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Bismuth-212	1.36		pCi/g	0.63	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Bismuth-212	1.19		pCi/g	0.75	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Bismuth-212	0.99		pCi/g	0.78	0.99	0.99	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Bismuth-212	1.53		pCi/g	0.71	0.81	0.81	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Bismuth-212	1.62		pCi/g	0.67	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Bismuth-212	1.06		pCi/g	0.74	0.78	0.78	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Bismuth-212	1.46		pCi/g	0.57	0.6	0.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Bismuth-212	1.34		pCi/g	0.75	0.83	0.83	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Bismuth-212	1.82		pCi/g	0.77	0.82	0.82	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Bismuth-212	1.69		pCi/g	0.67	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Bismuth-212	1.66		pCi/g	0.66	0.83	0.83	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Bismuth-212	1.41		pCi/g	0.59	1.2	1.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Bismuth-212	0.75	U	pCi/g	0.43	0.9	0.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Bismuth-212	0.61	U	pCi/g	0.55	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Bismuth-212	0.79		pCi/g	0.47	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Bismuth-212	1.59		pCi/g	0.58	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Bismuth-212	0.46	U	pCi/g	0.55	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Bismuth-212	0.72		pCi/g	0.56	0.64	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Bismuth-212	0.75	U	pCi/g	0.52	1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Bismuth-212	1.16		pCi/g	0.52	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Bismuth-212	1.32		pCi/g	0.58	0.71	0.71	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Bismuth-212	0.64	U	pCi/g	0.47	0.94	0.94	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Bismuth-212	0.69	U	pCi/g	0.48	0.99	0.99	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Bismuth-212	0.29	U	pCi/g	0.47	0.9	0.9	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Bismuth-212	0.53	U	pCi/g	0.53	0.55	0.55	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Bismuth-212	0.99		pCi/g	0.59	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Bismuth-212	0.89		pCi/g	0.58	0.62	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Bismuth-212	1.22		pCi/g	0.77	0.82	0.82	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Bismuth-212	1.54		pCi/g	0.6	0.65	0.65	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Bismuth-212	0.84	U	pCi/g	0.55	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Bismuth-212	1.46		pCi/g	0.63	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Bismuth-212	1.07		pCi/g	0.53	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Bismuth-212	1.07	U	pCi/g	0.55	1.2	1.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Bismuth-212	1.37		pCi/g	0.56	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Bismuth-212	1.11		pCi/g	0.73	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Bismuth-212	1.45		pCi/g	0.63	1.3	1.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Bismuth-212	0.83		pCi/g	0.58	0.78	0.78	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Bismuth-212	0.93		pCi/g	0.7	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Bismuth-212	1.42		pCi/g	0.72	0.95	0.95	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Bismuth-212	0.7	U	pCi/g	0.63	0.74	0.74	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Bismuth-212	1.4		pCi/g	0.58	0.66	0.66	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Bismuth-212	0.96	U	pCi/g	0.51	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Bismuth-212	0.98		pCi/g	0.7	0.86	0.86	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Bismuth-212	0.85	U	pCi/g	0.54	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Bismuth-212	0.6	U	pCi/g	0.47	0.96	0.96	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Bismuth-212	1.09		pCi/g	0.45	0.69	0.69	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Bismuth-212	0.54	U	pCi/g	0.56	0.82	0.82	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Bismuth-212	1.1		pCi/g	0.57	0.79	0.79	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Bismuth-212	1.13	U	pCi/g	0.56	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Bismuth-212	1.21	U	pCi/g	0.59	1.2	1.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Bismuth-212	1.12		pCi/g	0.5	1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Bismuth-212	0.86		pCi/g	0.69	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Bismuth-212	0.82		pCi/g	0.45	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Bismuth-212	0.58	U	pCi/g	0.59	0.66	0.66	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Bismuth-212	0.9	U	pCi/g	0.53	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Bismuth-212	0.9	U	pCi/g	0.52	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Bismuth-212	1.28		pCi/g	0.47	1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Bismuth-212	1.04		pCi/g	0.74	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Bismuth-212	0.99		pCi/g	0.61	0.68	0.68	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Bismuth-212	1.42		pCi/g	0.82	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Bismuth-212	0.6	U	pCi/g	0.46	0.69	0.69	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Bismuth-212	0.91		pCi/g	0.71	0.84	0.84	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Bismuth-212	1.06		pCi/g	0.59	0.83	0.83	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Bismuth-212	0.92	U	pCi/g	0.54	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Bismuth-212	1.05		pCi/g	0.67	0.77	0.77	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Bismuth-212	0.99		pCi/g	0.56	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Bismuth-212	0.78		pCi/g	0.55	0.78	0.78	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Bismuth-212	0.53	U	pCi/g	0.47	0.95	0.95	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Bismuth-212	0.84		pCi/g	0.59	0.65	0.65	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Bismuth-212	0.83		pCi/g	0.56	0.6	0.6	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Bismuth-212	1.32		pCi/g	0.6	1.3	1.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Bismuth-212	1.32		pCi/g	0.67	0.87	0.87	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Bismuth-212	0.9		pCi/g	0.6	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Bismuth-212	1.17		pCi/g	0.54	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Bismuth-212	1.39		pCi/g	0.69	0.66	0.66	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Bismuth-212	0.56	U	pCi/g	0.65	0.75	0.75	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Bismuth-212	0.79	U	pCi/g	0.47	0.96	0.96	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Bismuth-212	0.65	U	pCi/g	0.55	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Bismuth-212	0.85		pCi/g	0.6	0.78	0.78	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Bismuth-212	0.88	U	pCi/g	0.55	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Bismuth-212	0.62	U	pCi/g	0.6	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Bismuth-212	0.91		pCi/g	0.65	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Bismuth-212	0.63	U	pCi/g	0.53	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Bismuth-212	0.83		pCi/g	0.55	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Bismuth-210	0.8	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Bismuth-210	1.04	U	pCi/g	0.99	1.9	1.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Bismuth-210	0.7	U	pCi/g	1.4	2.6	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Bismuth-210	1.6	U	pCi/g	1.4	2.6	2.6	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Bismuth-210	1.2	U	pCi/g	1.3	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Bismuth-210	0.5	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Bismuth-210	0.9	U	pCi/g	1.4	2.5	2.5	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Bismuth-210	1.6	U	pCi/g	1.4	2.7	2.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Bismuth-210	0.7	U	pCi/g	1.4	2.5	2.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Bismuth-210	1.9	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Bismuth-210	0.3	U	pCi/g	1.3	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Bismuth-210	1	U	pCi/g	1.1	1.7	1.7	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Bismuth-210	1	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Bismuth-210	1.4	U	pCi/g	1.3	2.4	2.4	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Bismuth-210	0.6	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Bismuth-210	-0.05	U	pCi/g	1.2	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Bismuth-210	0.5	U	pCi/g	1.3	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Bismuth-210	0.009	U	pCi/g	1.1	2	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Bismuth-210	1.5	U	pCi/g	1.3	2.6	2.6	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Bismuth-210	0.5	U	pCi/g	1.4	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Bismuth-210	1.6	U	pCi/g	1.3	2.6	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Bismuth-210	0.5	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Bismuth-210	-0.3	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Bismuth-210	0.3	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Bismuth-210	2	U	pCi/g	1.4	2.8	2.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Bismuth-210	0.1	U	pCi/g	1.1	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Bismuth-210	1.1	U	pCi/g	1.3	2.3	2.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Bismuth-210	0.8	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Bismuth-210	-0.2	U	pCi/g	1	1.8	1.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Bismuth-210	2.2		pCi/g	1.6	1.5	1.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Bismuth-210	0.3	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Bismuth-210	0.2	U	pCi/g	1.1	1.9	1.9	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Bismuth-210	0.81	U	pCi/g	0.91	1.8	1.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Bismuth-210	0.2	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Bismuth-210	0.06	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Bismuth-210	-0.3	U	pCi/g	0.94	1.7	1.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Bismuth-210	-0.1	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Bismuth-210	-0.3	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Bismuth-210	0.8	U	pCi/g	1.4	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Bismuth-210	1.7	U	pCi/g	1.1	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Bismuth-210	1.7	U	pCi/g	1.2	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Bismuth-210	0.09	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Bismuth-210	0.4	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Bismuth-210	0.4	U	pCi/g	1.1	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Bismuth-210	0.36	U	pCi/g	0.98	1.8	1.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Bismuth-210	0.3	U	pCi/g	1.4	2.5	2.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Bismuth-210	0.7	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Bismuth-210	0.7	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Bismuth-210	-0.5	U	pCi/g	1.3	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Bismuth-210	0.3	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Bismuth-210	0.5	U	pCi/g	1.3	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Bismuth-210	0.18	U	pCi/g	0.99	1.8	1.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Bismuth-210	0.1	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Bismuth-210	1.1	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Bismuth-210	-0.1	U	pCi/g	1.2	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Bismuth-210	0.2	U	pCi/g	1.1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Bismuth-210	1.19	U	pCi/g	0.98	1.9	1.9	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Bismuth-210	0.3	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Bismuth-210	0.6	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Bismuth-210	0.6	U	pCi/g	1.1	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Bismuth-210	0.6	U	pCi/g	1.2	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Bismuth-210	0.8	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Bismuth-210	0.8	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Bismuth-210	0.6	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Bismuth-210	1.1	U	pCi/g	1.1	2	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Bismuth-210	1.5	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Bismuth-210	0.2	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Bismuth-210	0.8	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Bismuth-210	0.4	U	pCi/g	1.3	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Bismuth-210	0.2	U	pCi/g	1.1	1.9	1.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Bismuth-210	0.4	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Bismuth-210	0.63	U	pCi/g	0.97	1.8	1.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Bismuth-210	0.8	U	pCi/g	1.3	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Bismuth-210	0.7	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Bismuth-210	-0.002	U	pCi/g	1.2	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Bismuth-210	0.2	U	pCi/g	1	1.9	1.9	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Bismuth-210	1.2	U	pCi/g	1.2	2.4	2.4	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Bismuth-210	0.8	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Bismuth-210	-0.3	U	pCi/g	1.1	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Bismuth-210	0.91	U	pCi/g	0.95	1.8	1.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Bismuth-210	0.6	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Bismuth-210	0.2	U	pCi/g	1.4	2.6	2.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Bismuth-210	0.9	U	pCi/g	1.2	2.2	2.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Bismuth-210	0.5	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Bismuth-210	-0.1	U	pCi/g	1.2	2.1	2.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Bismuth-210	1.3	U	pCi/g	0.98	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Bismuth-210	1.1	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Bismuth-210	0.33	U	pCi/g	0.97	1.8	1.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Bismuth-210	0.7	U	pCi/g	1.2	2.2	2.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Bismuth-210	0.6	U	pCi/g	1.3	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Bismuth-210	-0.2	U	pCi/g	1.1	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Bismuth-210	0.7	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Bismuth-210	0.6	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Bismuth-210	0.5	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Bismuth-210	1.7	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Bismuth-211	-0.19	U	pCi/g	0.46	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Bismuth-211	-0.29	U	pCi/g	0.43	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Bismuth-211	-0.41	U	pCi/g	0.45	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Bismuth-211	0.1	U	pCi/g	0.48	0.85	0.85	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Bismuth-211	-0.003	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Bismuth-211	-0.36	U	pCi/g	0.46	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Bismuth-211	-0.02	U	pCi/g	0.48	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Bismuth-211	-0.17	U	pCi/g	0.51	0.87	0.87	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Bismuth-211	0.24	U	pCi/g	0.52	0.93	0.93	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Bismuth-211	0.34	U	pCi/g	0.44	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Bismuth-211	0.14	U	pCi/g	0.47	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Bismuth-211	-0.11	U	pCi/g	0.42	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Bismuth-211	0.08	U	pCi/g	0.45	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Bismuth-211	0.23	U	pCi/g	0.48	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Bismuth-211	0.15	U	pCi/g	0.42	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Bismuth-211	0.2	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Bismuth-211	0.36	U	pCi/g	0.47	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Bismuth-211	-0.09	U	pCi/g	0.43	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Bismuth-211	0.38	U	pCi/g	0.52	0.97	0.97	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Bismuth-211	-0.38	U	pCi/g	0.51	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Bismuth-211	-0.19	U	pCi/g	0.45	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Bismuth-211	0.27	U	pCi/g	0.45	0.82	0.82	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Bismuth-211	0.02	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Bismuth-211	-0.16	U	pCi/g	0.37	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Bismuth-211	0.13	U	pCi/g	0.48	0.87	0.87	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Bismuth-211	0.13	U	pCi/g	0.43	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Bismuth-211	-0.27	U	pCi/g	0.48	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Bismuth-211	-0.22	U	pCi/g	0.41	0.7	0.7	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Bismuth-211	-0.11	U	pCi/g	0.36	0.62	0.62	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Bismuth-211	-0.25	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Bismuth-211	0.06	U	pCi/g	0.41	0.74	0.74	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Bismuth-211	-0.15	U	pCi/g	0.39	0.66	0.66	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Bismuth-211	0.12	U	pCi/g	0.34	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Bismuth-211	-0.27	U	pCi/g	0.41	0.68	0.68	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Bismuth-211	-0.42	U	pCi/g	0.42	0.66	0.66	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Bismuth-211	0.15	U	pCi/g	0.38	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Bismuth-211	0.04	U	pCi/g	0.44	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Bismuth-211	0.36	U	pCi/g	0.41	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Bismuth-211	0.3	U	pCi/g	0.52	0.95	0.95	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Bismuth-211	0.23	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Bismuth-211	0.13	U	pCi/g	0.45	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Bismuth-211	-0.03	U	pCi/g	0.43	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Bismuth-211	0.008	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Bismuth-211	-0.05	U	pCi/g	0.41	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Bismuth-211	-0.13	U	pCi/g	0.41	0.71	0.71	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Bismuth-211	0.02	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Bismuth-211	0.06	U	pCi/g	0.44	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Bismuth-211	-0.28	U	pCi/g	0.46	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Bismuth-211	0.21	U	pCi/g	0.47	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Bismuth-211	-0.02	U	pCi/g	0.49	0.87	0.87	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Bismuth-211	-0.29	U	pCi/g	0.51	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Bismuth-211	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Bismuth-211	-0.07	U	pCi/g	0.44	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Bismuth-211	0.2	U	pCi/g	0.4	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Bismuth-211	-0.02	U	pCi/g	0.42	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Bismuth-211	0.11	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Bismuth-211	-0.27	U	pCi/g	0.41	0.69	0.69	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Bismuth-211	-0.32	U	pCi/g	0.43	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Bismuth-211	-0.37	U	pCi/g	0.46	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Bismuth-211	-0.13	U	pCi/g	0.45	0.78	0.78	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Bismuth-211	0.12	U	pCi/g	0.46	0.84	0.84	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Bismuth-211	-0.11	U	pCi/g	0.42	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Bismuth-211	0.03	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Bismuth-211	-0.05	U	pCi/g	0.38	0.68	0.68	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Bismuth-211	-0.24	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Bismuth-211	-0.18	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Bismuth-211	-0.11	U	pCi/g	0.47	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Bismuth-211	-0.12	U	pCi/g	0.4	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Bismuth-211	0.13	U	pCi/g	0.44	0.8	0.8	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Bismuth-211	-0.24	U	pCi/g	0.44	0.74	0.74	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Bismuth-211	-0.17	U	pCi/g	0.49	0.83	0.83	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Bismuth-211	-0.32	U	pCi/g	0.35	0.58	0.58	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Bismuth-211	0.03	U	pCi/g	0.48	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Bismuth-211	-0.27	U	pCi/g	0.45	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Bismuth-211	0.14	U	pCi/g	0.46	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Bismuth-211	0.13	U	pCi/g	0.42	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Bismuth-211	0.37	U	pCi/g	0.49	0.91	0.91	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Bismuth-211	-0.29	U	pCi/g	0.38	0.62	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Bismuth-211	-0.52	U	pCi/g	0.47	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Bismuth-211	0.31	U	pCi/g	0.4	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Bismuth-211	-0.49	U	pCi/g	0.38	0.59	0.59	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Bismuth-211	0.4	U	pCi/g	0.49	0.93	0.93	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Bismuth-211	-0.33	U	pCi/g	0.44	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Bismuth-211	-0.06	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Bismuth-211	-0.29	U	pCi/g	0.47	0.77	0.77	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Bismuth-211	-0.1	U	pCi/g	0.39	0.68	0.68	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Bismuth-211	0.26	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Bismuth-211	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Bismuth-211	0.03	U	pCi/g	0.46	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Bismuth-211	-0.15	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Bismuth-211	0.06	U	pCi/g	0.42	0.75	0.75	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Bismuth-211	-0.04	U	pCi/g	0.39	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Bismuth-211	0.03	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Bismuth-211	-0.2	U	pCi/g	0.51	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Bismuth-211	-0.06	U	pCi/g	0.4	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Bismuth-214	0.9		pCi/g	0.27	0.21	0.21	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Bismuth-214	1.22		pCi/g	0.25	0.41	0.41	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Bismuth-214	1.03		pCi/g	0.26	0.19	0.19	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Bismuth-214	1.21		pCi/g	0.26	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Bismuth-214	1.14		pCi/g	0.26	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Bismuth-214	1.32		pCi/g	0.29	0.47	0.47	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Bismuth-214	1.2		pCi/g	0.26	0.44	0.44	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Bismuth-214	1.2		pCi/g	0.27	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Bismuth-214	1.49		pCi/g	0.3	0.51	0.51	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Bismuth-214	1.16		pCi/g	0.25	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Bismuth-214	1.08		pCi/g	0.24	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Bismuth-214	0.95		pCi/g	0.22	0.36	0.36	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Bismuth-214	1.12		pCi/g	0.29	0.39	0.39	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Bismuth-214	1.21		pCi/g	0.26	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Bismuth-214	0.82		pCi/g	0.21	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Bismuth-214	1.01		pCi/g	0.25	0.39	0.39	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Bismuth-214	1.08		pCi/g	0.26	0.44	0.44	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Bismuth-214	0.97		pCi/g	0.25	0.4	0.4	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Bismuth-214	1.26		pCi/g	0.31	0.52	0.52	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Bismuth-214	1.06		pCi/g	0.25	0.43	0.43	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Bismuth-214	1.04		pCi/g	0.27	0.46	0.46	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Bismuth-214	0.93		pCi/g	0.24	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Bismuth-214	0.97		pCi/g	0.28	0.44	0.44	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Bismuth-214	1.09		pCi/g	0.24	0.4	0.4	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Bismuth-214	0.93		pCi/g	0.27	0.47	0.47	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Bismuth-214	0.9		pCi/g	0.22	0.36	0.36	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Bismuth-214	1.24		pCi/g	0.28	0.2	0.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Bismuth-214	0.89		pCi/g	0.24	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Bismuth-214	0.7		pCi/g	0.2	0.3	0.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Bismuth-214	0.79		pCi/g	0.21	0.37	0.37	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Bismuth-214	0.6		pCi/g	0.21	0.39	0.39	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Bismuth-214	0.64		pCi/g	0.19	0.35	0.35	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Bismuth-214	0.67		pCi/g	0.19	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Bismuth-214	0.69		pCi/g	0.21	0.38	0.38	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Bismuth-214	0.74		pCi/g	0.21	0.38	0.38	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Bismuth-214	0.66		pCi/g	0.18	0.33	0.33	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Bismuth-214	0.64		pCi/g	0.2	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Bismuth-214	0.91		pCi/g	0.22	0.36	0.36	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Bismuth-214	0.92		pCi/g	0.25	0.44	0.44	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Bismuth-214	0.79		pCi/g	0.23	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Bismuth-214	0.84		pCi/g	0.2	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Bismuth-214	1.09		pCi/g	0.23	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Bismuth-214	0.92		pCi/g	0.22	0.39	0.39	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Bismuth-214	0.81		pCi/g	0.25	0.42	0.42	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Bismuth-214	0.88		pCi/g	0.22	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Bismuth-214	1.07		pCi/g	0.27	0.46	0.46	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Bismuth-214	0.73		pCi/g	0.22	0.42	0.42	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Bismuth-214	0.85		pCi/g	0.24	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Bismuth-214	0.95		pCi/g	0.25	0.41	0.41	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Bismuth-214	1.16		pCi/g	0.27	0.21	0.21	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Bismuth-214	1.21		pCi/g	0.27	0.47	0.47	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Bismuth-214	0.73		pCi/g	0.23	0.35	0.35	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Bismuth-214	1.18		pCi/g	0.24	0.46	0.46	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Bismuth-214	0.87		pCi/g	0.25	0.39	0.39	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Bismuth-214	0.96		pCi/g	0.23	0.41	0.41	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Bismuth-214	0.9		pCi/g	0.24	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Bismuth-214	0.63		pCi/g	0.2	0.36	0.36	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Bismuth-214	0.74		pCi/g	0.25	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Bismuth-214	1.19		pCi/g	0.26	0.44	0.44	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Bismuth-214	1.16		pCi/g	0.26	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Bismuth-214	1.25		pCi/g	0.29	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Bismuth-214	1.19		pCi/g	0.27	0.17	0.17	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Bismuth-214	0.92		pCi/g	0.23	0.37	0.37	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Bismuth-214	1.02		pCi/g	0.26	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Bismuth-214	0.96		pCi/g	0.22	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Bismuth-214	0.92		pCi/g	0.23	0.37	0.37	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Bismuth-214	1.48		pCi/g	0.29	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Bismuth-214	1.14		pCi/g	0.25	0.42	0.42	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Bismuth-214	0.96		pCi/g	0.24	0.44	0.44	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Bismuth-214	0.94		pCi/g	0.22	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Bismuth-214	0.81		pCi/g	0.22	0.39	0.39	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Bismuth-214	0.8		pCi/g	0.2	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Bismuth-214	1.14		pCi/g	0.27	0.48	0.48	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Bismuth-214	0.98		pCi/g	0.27	0.38	0.38	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Bismuth-214	0.9		pCi/g	0.21	0.38	0.38	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Bismuth-214	0.8		pCi/g	0.22	0.38	0.38	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Bismuth-214	0.89		pCi/g	0.25	0.44	0.44	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Bismuth-214	0.87		pCi/g	0.25	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Bismuth-214	0.91		pCi/g	0.22	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Bismuth-214	1.02		pCi/g	0.25	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Bismuth-214	0.95		pCi/g	0.21	0.35	0.35	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Bismuth-214	1.05		pCi/g	0.27	0.49	0.49	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Bismuth-214	1		pCi/g	0.27	0.39	0.39	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Bismuth-214	0.73		pCi/g	0.21	0.39	0.39	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Bismuth-214	0.82		pCi/g	0.25	0.39	0.39	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Bismuth-214	0.83		pCi/g	0.21	0.37	0.37	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Bismuth-214	0.94		pCi/g	0.25	0.19	0.19	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Bismuth-214	0.88		pCi/g	0.21	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Bismuth-214	1.46		pCi/g	0.27	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Bismuth-214	0.92		pCi/g	0.23	0.41	0.41	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Bismuth-214	1.05		pCi/g	0.24	0.4	0.4	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Bismuth-214	1.44		pCi/g	0.29	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Bismuth-214	0.83		pCi/g	0.24	0.21	0.21	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Bismuth-214	1.06		pCi/g	0.25	0.43	0.43	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Bismuth-214	1.62		pCi/g	0.3	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Boron	7.5	J+	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Boron	3.8	U	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Boron	7.1	J+	mg/kg		5.1	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Boron	6	J+	mg/kg		5	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Boron	5.9	J+	mg/kg		5.1	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Boron	4.4	U	mg/kg		5.1	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Boron	8.2	J+	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Boron	4.1	U	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Boron	4.3	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Boron	4.2	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Boron	3.5	U	mg/kg		5.1	3.2	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Boron	3.4	U	mg/kg		5.1	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Boron	5.9	J+	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Boron	4.1	U	mg/kg		5.1	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Boron	3.7	U	mg/kg		5.1	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Boron	5.7	J+	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Boron	3.8	U	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Boron	4.9	U	mg/kg		5.1	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Boron	6.1	J+	mg/kg		5	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Boron	6.8	J+	mg/kg		5.1	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Boron	4.9	U	mg/kg		5.1	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Boron	5.2	J+	mg/kg		5	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Boron	8.3	J+	mg/kg		5.3	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Boron	7.7	J+	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Boron	5.3	J+	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Boron	4.8	U	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Boron	8.6	J+	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Boron	3.5	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Boron	3.5	U	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Boron	3.2	U	mg/kg		5.3	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Boron	3.2	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Boron	4.5	U	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Boron	5	U	mg/kg		5.3	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Boron	3.8	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Boron	5.6	J+	mg/kg		5	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Boron	3.2	U	mg/kg		5.3	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Boron	3.5	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Boron	3.2	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Boron	3.6	U	mg/kg		5.4	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Boron	3.2	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Boron	3.2	U	mg/kg		6.3	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Boron	3.2	U	mg/kg		5.3	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Boron	3.2	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Boron	3.2	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Boron	3.5	U	mg/kg		5.3	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Boron	3.4	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Boron	3.2	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Boron	3.2	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Boron	3.2	U	mg/kg		5.3	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Boron	3.2	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Boron	7.5	J+	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Boron	9.1	J+	mg/kg		5.1	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Boron	6.2	J+	mg/kg		5.1	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Boron	8.3	J+	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Boron	6.3	J+	mg/kg		5.2	3.2	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Boron	4.3	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Boron	6.1	J+	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Boron	5.4	J+	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Boron	4	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Boron	11.6	J+	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Boron	4.6	U	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Boron	3.7	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Boron	5.8	J+	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Boron	4.6	U	mg/kg		5.1	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Boron	4.4	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Boron	7.8	J+	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Boron	4.8	U	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Boron	3.9	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Boron	3.2	U	mg/kg		5	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Boron	3.2	U	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Boron	4.5	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Boron	3.2	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Boron	3.2	U	mg/kg		5.3	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Boron	3.9	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Boron	3.2	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Boron	3.2	U	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Boron	3.2	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Boron	8.8	J+	mg/kg		5	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Boron	5.8	J+	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Boron	5.5	J+	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Boron	4.8	U	mg/kg		5	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Boron	9.1	J+	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Boron	3.9	U	mg/kg		5.1	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Boron	4.9	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Boron	6.8	J+	mg/kg		5.3	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Boron	5.1	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Boron	4.9	U	mg/kg		5	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Boron	4.1	U	mg/kg		5.3	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Boron	10.2	J+	mg/kg		5.3	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Boron	3.7	U	mg/kg		5	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Boron	3.2	U	mg/kg		5.3	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Boron	5.8	J+	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Boron	3.2	U	mg/kg		5	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Boron	7.3	J+	mg/kg		5.3	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Boron	8.5	J+	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Cadmium	0.1291	U	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Cadmium	0.1291	U	mg/kg		0.5	0.1291	0

**TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada**

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Cadmium	0.1291	U	mg/kg		0.51	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Cadmium	0.1291	U	mg/kg		0.51	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Cadmium	0.1291	U	mg/kg		0.51	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Cadmium	0.1291	U	mg/kg		0.51	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Cadmium	0.1291	U	mg/kg		0.51	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Cadmium	0.1291	U	mg/kg		0.5	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Cadmium	0.1291	U	mg/kg		0.5	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Cadmium	0.1291	U	mg/kg		0.53	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Cadmium	0.1291	UJ-	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Cadmium	0.1291	UJ-	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Cadmium	0.1291	UJ-	mg/kg		0.53	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Cadmium	0.1291	UJ-	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Cadmium	0.1291	UJ-	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Cadmium	0.1291	UJ-	mg/kg		0.53	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Cadmium	0.1291	UJ-	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Cadmium	0.1291	U	mg/kg		0.5	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Cadmium	0.1291	UJ-	mg/kg		0.53	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Cadmium	0.1291	UJ-	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Cadmium	0.1291	UJ-	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Cadmium	0.1291	UJ-	mg/kg		0.54	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Cadmium	0.1291	U	mg/kg		0.63	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Cadmium	0.1291	U	mg/kg		0.53	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Cadmium	0.1291	UJ-	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Cadmium	0.1291	U	mg/kg		0.53	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Cadmium	0.1291	UJ-	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Cadmium	0.1291	U	mg/kg		0.53	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Cadmium	0.1291	U	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Cadmium	0.1291	U	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Cadmium	0.1291	U	mg/kg		0.51	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Cadmium	0.1291	U	mg/kg		0.5	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Cadmium	0.1291	U	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Cadmium	0.1291	U	mg/kg		0.53	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Cadmium	0.1291	UJ-	mg/kg		0.5	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Cadmium	0.1291	UJ-	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Cadmium	0.1291	UJ-	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Cadmium	0.1291	UJ-	mg/kg		0.5	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Cadmium	0.1291	UJ-	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Cadmium	0.1291	UJ-	mg/kg		0.51	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Cadmium	0.1291	UJ-	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Cadmium	0.1291	UJ-	mg/kg		0.53	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Cadmium	0.1291	UJ-	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Cadmium	0.1291	U	mg/kg		0.5	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Cadmium	0.1291	U	mg/kg		0.53	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Cadmium	0.1291	U	mg/kg		0.53	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Cadmium	0.1291	U	mg/kg		0.5	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Cadmium	0.1291	U	mg/kg		0.53	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Cadmium	0.1291	U	mg/kg		0.5	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Cadmium	0.1291	U	mg/kg		0.53	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Calcium	20400	J	mg/kg		50.8	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Calcium	27200	J	mg/kg		51.6	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Calcium	47300	J	mg/kg		51.1	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Calcium	24600	J	mg/kg		50.3	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Calcium	29600	J	mg/kg		51.4	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Calcium	40400		mg/kg		51.1	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Calcium	42000		mg/kg		50.7	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Calcium	25900		mg/kg		51.6	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Calcium	41100		mg/kg		51.6	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Calcium	19300	J	mg/kg		50.6	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Calcium	13500	J	mg/kg		51.1	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Calcium	20000	J	mg/kg		50.8	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Calcium	30200	J	mg/kg		50.6	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Calcium	13000	J	mg/kg		51.1	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Calcium	26500	J	mg/kg		50.9	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Calcium	30100	J	mg/kg		50.6	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Calcium	19100		mg/kg		51.6	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Calcium	18400		mg/kg		51	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Calcium	19900		mg/kg		50.3	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Calcium	23900		mg/kg		51.1	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Calcium	29500		mg/kg		51.1	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Calcium	19200		mg/kg		50.3	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Calcium	18100		mg/kg		52.5	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Calcium	44800		mg/kg		51.7	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Calcium	11200		mg/kg		50.6	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Calcium	17300		mg/kg		51.9	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Calcium	51900		mg/kg		52.3	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Calcium	25800		mg/kg		50.8	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Calcium	20600		mg/kg		52.2	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Calcium	32300		mg/kg		53.3	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Calcium	20600		mg/kg		50.8	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Calcium	20800		mg/kg		52.1	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Calcium	24500		mg/kg		52.5	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Calcium	19500		mg/kg		50.8	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Calcium	23400		mg/kg		50.4	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Calcium	21300		mg/kg		52.6	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Calcium	32000		mg/kg		52.2	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Calcium	13500		mg/kg		50.8	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Calcium	16500		mg/kg		54	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Calcium	14900		mg/kg		50.6	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Calcium	9440		mg/kg		63.1	1.028	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Calcium	18800		mg/kg		52.8	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Calcium	14400		mg/kg		51	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Calcium	16600		mg/kg		50.7	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Calcium	11400		mg/kg		52.5	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Calcium	18500		mg/kg		51.8	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Calcium	15000		mg/kg		50.7	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Calcium	17200		mg/kg		50.5	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Calcium	10300		mg/kg		53.1	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Calcium	18700		mg/kg		51.8	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Calcium	34200	J	mg/kg		50.6	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Calcium	38500	J	mg/kg		51.2	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Calcium	49100	J	mg/kg		51.3	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Calcium	31400	J	mg/kg		50.5	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Calcium	49100	J	mg/kg		51.8	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Calcium	45100	J	mg/kg		51.8	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Calcium	33300	J	mg/kg		50.6	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Calcium	65900	J	mg/kg		260	5.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Calcium	47000	J	mg/kg		51.8	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Calcium	43200	J	mg/kg		50.7	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Calcium	82800	J	mg/kg		260	5.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Calcium	42500	J	mg/kg		52	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Calcium	16600	J	mg/kg		50.5	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Calcium	30000	J	mg/kg		51.4	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Calcium	22800	J	mg/kg		52	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Calcium	26500	J	mg/kg		50.5	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Calcium	71900	J	mg/kg		260	5.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Calcium	44600	J	mg/kg		51.7	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Calcium	15800	J	mg/kg		50.4	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Calcium	17100	J	mg/kg		51.7	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Calcium	32300	J	mg/kg		51.6	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Calcium	14600	J	mg/kg		50.6	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Calcium	28700	J	mg/kg		53.1	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Calcium	21500	J	mg/kg		52.2	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Calcium	17600	J	mg/kg		50.6	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Calcium	19900	J	mg/kg		52.2	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Calcium	28800	J	mg/kg		51.6	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Calcium	28000		mg/kg		50.3	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Calcium	37300		mg/kg		52	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Calcium	19200		mg/kg		52.2	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Calcium	15000		mg/kg		50.3	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Calcium	49200		mg/kg		52.3	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Calcium	31900		mg/kg		51.4	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Calcium	22700	J	mg/kg		50.7	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Calcium	35600	J	mg/kg		53.1	1.028	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Calcium	17900	J	mg/kg		52.5	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Calcium	19800		mg/kg		50.4	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Calcium	64400		mg/kg		264	5.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Calcium	50600		mg/kg		52.8	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Calcium	16700		mg/kg		50.5	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Calcium	35100		mg/kg		52.6	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Calcium	70200		mg/kg		261	5.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Calcium	20900		mg/kg		50.4	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Calcium	42500		mg/kg		52.9	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Calcium	49900		mg/kg		51.9	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Chloride	1.6	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Chloride	71.5	J	mg/kg		20.6	2.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Chloride	426	J	mg/kg		40.8	5.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Chloride	4.1	J	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Chloride	215	J	mg/kg		20.6	2.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Chloride	34.1		mg/kg		2	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Chloride	1.2	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Chloride	17.1		mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Chloride	24.7		mg/kg		2.1	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Chloride	2.3		mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Chloride	388		mg/kg		102	12.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Chloride	254		mg/kg		20.3	2.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Chloride	1.5	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Chloride	332		mg/kg		20.5	2.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Chloride	330		mg/kg		20.4	2.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Chloride	1.6	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Chloride	278		mg/kg		20.6	2.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Chloride	535		mg/kg		40.8	5.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Chloride	0.77	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Chloride	199		mg/kg		20.4	2.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Chloride	404	J	mg/kg		102	12.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Chloride	1.4	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Chloride	29.2	J	mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Chloride	763	J	mg/kg		103	12.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Chloride	1.7	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Chloride	643	J	mg/kg		104	13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Chloride	1110	J	mg/kg		105	13.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Chloride	0.38	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Chloride	2.7		mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Chloride	16		mg/kg		2.1	0.27	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Chloride	1.1	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Chloride	2.1		mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Chloride	6.3		mg/kg		2.1	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Chloride	0.25	U	mg/kg		2	0.25	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Chloride	0.74	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Chloride	1.8	U	mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Chloride	1.6	U	mg/kg		2.1	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Chloride	1.1	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Chloride	1.8	U	mg/kg		2.2	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Chloride	0.97	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Chloride	0.25	U	mg/kg		2.5	0.32	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Chloride	16.3		mg/kg		2.1	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Chloride	0.51	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Chloride	0.79	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Chloride	1.6	U	mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Chloride	21.7	J	mg/kg		2.1	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Chloride	1.8	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Chloride	0.84	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Chloride	3	J	mg/kg		2.1	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Chloride	23	J	mg/kg		2.1	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Chloride	252		mg/kg		20.2	2.5	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Chloride	870		mg/kg		205	25.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Chloride	337		mg/kg		20.5	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Chloride	3.4		mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Chloride	758		mg/kg		41.5	5.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Chloride	209		mg/kg		20.7	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Chloride	1.3	B	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Chloride	236		mg/kg		20.8	2.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Chloride	17.7		mg/kg		2.1	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Chloride	219	J	mg/kg		20.3	2.5	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Chloride	1060	J	mg/kg		104	13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Chloride	73.6	J	mg/kg		20.8	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Chloride	1.7	B J	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Chloride	2.5	J	mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Chloride	263	J	mg/kg		20.8	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Chloride	17.6	J	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Chloride	772	J	mg/kg		104	13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Chloride	141		mg/kg		20.7	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Chloride	7		mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Chloride	1.3	B	mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Chloride	26.9	J	mg/kg		2.1	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Chloride	1.6	B J	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Chloride	36	J	mg/kg		2.1	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Chloride	144	J	mg/kg		20.9	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Chloride	1.2	B J	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Chloride	4.1	J	mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Chloride	155	J	mg/kg		20.7	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Chloride	38.7		mg/kg		20.1	2.5	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Chloride	47.7		mg/kg		20.8	2.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Chloride	22.9		mg/kg		20.9	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Chloride	7		mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Chloride	134		mg/kg		20.9	2.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Chloride	26		mg/kg		20.6	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Chloride	1.6	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Chloride	2.4		mg/kg		2.1	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Chloride	4.1		mg/kg		2.1	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Chloride	0.72	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Chloride	33.1		mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Chloride	6.2	U	mg/kg		21.1	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Chloride	0.79	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Chloride	3.9	J	mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Chloride	27.4	J	mg/kg		2.1	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Chloride	1.3	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Chloride	21.2	J	mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Chloride	42.4	J	mg/kg		2.1	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Chromium (total)	13.9		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Chromium (total)	4.5		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Chromium (total)	5.4		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Chromium (total)	13.5		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Chromium (total)	5.9		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Chromium (total)	2.9		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Chromium (total)	11.6		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Chromium (total)	3.1		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Chromium (total)	2.6		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Chromium (total)	8		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Chromium (total)	6.4		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Chromium (total)	8.4		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Chromium (total)	11.1		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Chromium (total)	12		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Chromium (total)	5.8		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Chromium (total)	10.1		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Chromium (total)	5.8		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Chromium (total)	6		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Chromium (total)	12		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Chromium (total)	6.4		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Chromium (total)	6.2		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Chromium (total)	9		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Chromium (total)	6.2		mg/kg		1.1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Chromium (total)	5.8		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Chromium (total)	12.8		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Chromium (total)	5		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Chromium (total)	4.4		mg/kg		1.1	0.1841	10

**TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada**

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Chromium (total)	6.4		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Chromium (total)	7.1		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Chromium (total)	7.5		mg/kg		1.1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Chromium (total)	7		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Chromium (total)	8.1		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Chromium (total)	9.1		mg/kg		1.1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Chromium (total)	7.7		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Chromium (total)	11.9		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Chromium (total)	7.5		mg/kg		1.1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Chromium (total)	8.2		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Chromium (total)	3.6		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Chromium (total)	12.1		mg/kg		1.1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Chromium (total)	10.9		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Chromium (total)	6.5		mg/kg		1.3	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Chromium (total)	10.8		mg/kg		1.1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Chromium (total)	4.8		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Chromium (total)	11.9		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Chromium (total)	6.9		mg/kg		1.1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Chromium (total)	9.9		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Chromium (total)	4.7		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Chromium (total)	6.8		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Chromium (total)	6		mg/kg		1.1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Chromium (total)	12.9		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Chromium (total)	15		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Chromium (total)	11.2		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Chromium (total)	10.3		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Chromium (total)	14.5		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Chromium (total)	9.5		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Chromium (total)	9.4		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Chromium (total)	13.5		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Chromium (total)	9.5		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Chromium (total)	8.6		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Chromium (total)	15.5		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Chromium (total)	6.7		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Chromium (total)	9.2		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Chromium (total)	14.5		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Chromium (total)	10.8		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Chromium (total)	8.1		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Chromium (total)	16.7		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Chromium (total)	9.8		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Chromium (total)	9		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Chromium (total)	12		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Chromium (total)	11.3		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Chromium (total)	7.8		mg/kg		1	0.1841	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Chromium (total)	7.6		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Chromium (total)	7.9		mg/kg		1.1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Chromium (total)	7.4		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Chromium (total)	13.1		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Chromium (total)	9.1		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Chromium (total)	10		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Chromium (total)	7.5		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Chromium (total)	9.8		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Chromium (total)	14.1		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Chromium (total)	8.4		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Chromium (total)	9.7		mg/kg		1.1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Chromium (total)	7.6		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Chromium (total)	11.3		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Chromium (total)	11.6		mg/kg		1.1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Chromium (total)	8.2		mg/kg		1.1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Chromium (total)	14.5		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Chromium (total)	8.8		mg/kg		1.1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Chromium (total)	10.3		mg/kg		1.1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Chromium (total)	13.3		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Chromium (total)	9.9		mg/kg		1.1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Chromium (total)	7.8		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Chromium (total)	10.7		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Chromium (total)	9.1		mg/kg		1.1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Chromium (total)	9.1		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Chromium VI	0.251	U	mg/kg		0.41	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Chromium VI	0.251	U	mg/kg		0.41	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Chromium VI	0.251	U	mg/kg		0.41	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Chromium VI	0.251	U	mg/kg		0.41	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Chromium VI	0.251	U	mg/kg		0.41	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Chromium VI	0.251	U	mg/kg		0.41	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Chromium VI	0.251	U	mg/kg		0.41	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Chromium VI	0.251	U	mg/kg		0.41	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Chromium VI	0.251	U	mg/kg		0.41	0.26	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Chromium VI	0.251	U	mg/kg		0.42	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Chromium VI	0.251	U	mg/kg		0.41	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Chromium VI	0.251	U	mg/kg		0.43	0.27	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Chromium VI	0.251	U	mg/kg		0.41	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Chromium VI	0.251	U	mg/kg		0.42	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Chromium VI	0.251	U	mg/kg		0.41	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Chromium VI	0.251	U	mg/kg		0.42	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Chromium VI	0.251	U	mg/kg		0.41	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Chromium VI	0.251	U	mg/kg		0.43	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Chromium VI	0.251	U	mg/kg		0.51	0.32	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Chromium VI	0.251	U	mg/kg		0.42	0.27	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Chromium VI	0.251	U	mg/kg		0.41	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Chromium VI	0.251	U	mg/kg		0.41	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Chromium VI	0.251	U	mg/kg		0.41	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Chromium VI	0.251	U	mg/kg		0.42	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Chromium VI	0.251	U	mg/kg		0.41	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Chromium VI	0.251	U	mg/kg		0.41	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Chromium VI	0.251	U	mg/kg		0.41	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Chromium VI	0.251	U	mg/kg		0.42	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Chromium VI	0.251	U	mg/kg		0.41	0.26	5

**TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada**

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Chromium VI	0.251	U	mg/kg		0.42	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Chromium VI	0.251	U	mg/kg		0.41	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Chromium VI	0.251	U	mg/kg		0.43	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Chromium VI	0.251	U	mg/kg		0.42	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Chromium VI	0.251	U	mg/kg		0.42	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Chromium VI	0.251	U	mg/kg		0.41	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Chromium VI	0.251	U	mg/kg		0.42	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Chromium VI	0.251	U	mg/kg		0.42	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Chromium VI	0.251	U	mg/kg		0.42	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Chromium VI	0.251	U	mg/kg		0.42	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Chromium VI	0.251	U	mg/kg		0.42	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Chromium VI	0.251	U	mg/kg		0.42	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Cobalt	9.8		mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Cobalt	4.8		mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Cobalt	6.7		mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Cobalt	8.2		mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Cobalt	6.2		mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Cobalt	3.7	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Cobalt	6.8	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Cobalt	5.4	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Cobalt	3.9	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Cobalt	5.7		mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Cobalt	5.9		mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Cobalt	6.1		mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Cobalt	7.3		mg/kg		1	0.064	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Cobalt	7.4		mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Cobalt	5.8		mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Cobalt	7.3		mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Cobalt	5.7	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Cobalt	7	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Cobalt	8.1	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Cobalt	6.6	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Cobalt	4.8	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Cobalt	7.5	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Cobalt	6	J	mg/kg		1.1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Cobalt	4.4	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Cobalt	9.3	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Cobalt	6.2	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Cobalt	4.7	J	mg/kg		1.1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Cobalt	11.2	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Cobalt	12.5	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Cobalt	11.6	J	mg/kg		1.1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Cobalt	11.9	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Cobalt	10.8	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Cobalt	16.3	J	mg/kg		1.1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Cobalt	14.6	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Cobalt	9.5	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Cobalt	10.6	J	mg/kg		1.1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Cobalt	12.2	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Cobalt	8.8	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Cobalt	11.4	J	mg/kg		1.1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Cobalt	8.8	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Cobalt	8.1	J	mg/kg		1.3	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Cobalt	8.9	J	mg/kg		1.1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Cobalt	8.7	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Cobalt	9.5	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Cobalt	8.3		mg/kg		1.1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Cobalt	10		mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Cobalt	9.3	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Cobalt	8.8		mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Cobalt	7		mg/kg		1.1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Cobalt	9.7		mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Cobalt	8.4	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Cobalt	10.2	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Cobalt	8.8	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Cobalt	10.1	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Cobalt	10.3	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Cobalt	9.9	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Cobalt	9.5	J	mg/kg		1	0.064	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Cobalt	9.7	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Cobalt	10.2	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Cobalt	9.6		mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Cobalt	6.4		mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Cobalt	9		mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Cobalt	9.4	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Cobalt	8.6		mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Cobalt	10.2		mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Cobalt	8.4		mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Cobalt	7.1		mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Cobalt	10.2		mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Cobalt	10.4	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Cobalt	9.4	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Cobalt	9.5	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Cobalt	9	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Cobalt	14.8	J	mg/kg		1.1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Cobalt	8.1	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Cobalt	9.4	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Cobalt	9.1	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Cobalt	9.2	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Cobalt	12.2	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Cobalt	9.7	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Cobalt	11.3	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Cobalt	10.1	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Cobalt	11.1	J	mg/kg		1.1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Cobalt	8.2	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Cobalt	9.9	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Cobalt	12.2	J	mg/kg		1.1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Cobalt	11.3	J	mg/kg		1.1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Cobalt	9.4	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Cobalt	7.7	J	mg/kg		1.1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Cobalt	7.9	J	mg/kg		1.1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Cobalt	9.3		mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Cobalt	8		mg/kg		1.1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Cobalt	9.2		mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Cobalt	7.4		mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Cobalt	7.3		mg/kg		1.1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Cobalt	7.6		mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Cobalt-57	-0.02	U	pCi/g	0.034	0.056	0.056	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Cobalt-57	-0.022	U	pCi/g	0.028	0.045	0.045	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Cobalt-57	0.021	U	pCi/g	0.034	0.061	0.061	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Cobalt-57	0.009	U	pCi/g	0.03	0.052	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Cobalt-57	0.022	U	pCi/g	0.034	0.062	0.062	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Cobalt-57	0.027	U	pCi/g	0.031	0.056	0.056	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Cobalt-57	0.007	U	pCi/g	0.031	0.054	0.054	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Cobalt-57	-0.003	U	pCi/g	0.034	0.058	0.058	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Cobalt-57	0.011	U	pCi/g	0.035	0.063	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Cobalt-57	0.007	U	pCi/g	0.031	0.053	0.053	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Cobalt-57	-0.007	U	pCi/g	0.033	0.057	0.057	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Cobalt-57	0.012	U	pCi/g	0.029	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Cobalt-57	-0.024	U	pCi/g	0.03	0.049	0.049	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Cobalt-57	0.0003	U	pCi/g	0.035	0.061	0.061	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Cobalt-57	-0.004	U	pCi/g	0.031	0.052	0.052	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Cobalt-57	-0.009	U	pCi/g	0.031	0.051	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Cobalt-57	0.004	U	pCi/g	0.035	0.062	0.062	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Cobalt-57	0.002	U	pCi/g	0.03	0.051	0.051	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Cobalt-57	0.006	U	pCi/g	0.035	0.061	0.061	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Cobalt-57	-0.01	U	pCi/g	0.033	0.057	0.057	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Cobalt-57	0.011	U	pCi/g	0.033	0.058	0.058	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Cobalt-57	-0.009	U	pCi/g	0.03	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Cobalt-57	-0.012	U	pCi/g	0.035	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Cobalt-57	-0.002	U	pCi/g	0.028	0.046	0.046	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Cobalt-57	0.025	U	pCi/g	0.036	0.066	0.066	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Cobalt-57	-0.025	U	pCi/g	0.031	0.049	0.049	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Cobalt-57	0.001	U	pCi/g	0.033	0.059	0.059	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Cobalt-57	-0.029	U	pCi/g	0.031	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Cobalt-57	0.005	U	pCi/g	0.025	0.043	0.043	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Cobalt-57	-0.005	U	pCi/g	0.027	0.045	0.045	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Cobalt-57	-0.011	U	pCi/g	0.028	0.048	0.048	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Cobalt-57	-0.006	U	pCi/g	0.031	0.053	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Cobalt-57	-0.032	U	pCi/g	0.028	0.042	0.042	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Cobalt-57	0.01	U	pCi/g	0.03	0.055	0.055	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Cobalt-57	0.008	U	pCi/g	0.03	0.054	0.054	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Cobalt-57	-0.027	U	pCi/g	0.027	0.042	0.042	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Cobalt-57	0.012	U	pCi/g	0.028	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Cobalt-57	0.016	U	pCi/g	0.029	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Cobalt-57	-0.037	U	pCi/g	0.037	0.061	0.061	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Cobalt-57	0.002	U	pCi/g	0.029	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Cobalt-57	-0.021	U	pCi/g	0.031	0.053	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Cobalt-57	0.002	U	pCi/g	0.029	0.049	0.049	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Cobalt-57	0.007	U	pCi/g	0.031	0.053	0.053	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Cobalt-57	0.013	U	pCi/g	0.03	0.054	0.054	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Cobalt-57	-0.045	U	pCi/g	0.031	0.047	0.047	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Cobalt-57	-0.001	U	pCi/g	0.033	0.057	0.057	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Cobalt-57	0.009	U	pCi/g	0.033	0.058	0.058	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Cobalt-57	0.014	U	pCi/g	0.031	0.054	0.054	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Cobalt-57	-0.002	U	pCi/g	0.033	0.058	0.058	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Cobalt-57	-0.031	U	pCi/g	0.036	0.056	0.056	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Cobalt-57	0.03	U	pCi/g	0.035	0.064	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Cobalt-57	-0.004	U	pCi/g	0.026	0.044	0.044	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Cobalt-57	0.005	U	pCi/g	0.031	0.054	0.054	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Cobalt-57	0.026	U	pCi/g	0.029	0.052	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Cobalt-57	-0.014	U	pCi/g	0.031	0.052	0.052	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Cobalt-57	0.017	U	pCi/g	0.031	0.056	0.056	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Cobalt-57	-0.002	U	pCi/g	0.027	0.046	0.046	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Cobalt-57	0.016	U	pCi/g	0.03	0.055	0.055	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Cobalt-57	-0.01	U	pCi/g	0.029	0.051	0.051	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Cobalt-57	0.029	U	pCi/g	0.031	0.055	0.055	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Cobalt-57	0.001	U	pCi/g	0.031	0.055	0.055	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Cobalt-57	0.015	U	pCi/g	0.029	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Cobalt-57	-0.014	U	pCi/g	0.029	0.048	0.048	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Cobalt-57	-0.014	U	pCi/g	0.032	0.054	0.054	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Cobalt-57	0.005	U	pCi/g	0.026	0.045	0.045	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Cobalt-57	0.013	U	pCi/g	0.031	0.054	0.054	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Cobalt-57	-0.004	U	pCi/g	0.034	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Cobalt-57	-0.002	U	pCi/g	0.028	0.048	0.048	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Cobalt-57	0.022	U	pCi/g	0.034	0.062	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Cobalt-57	-0.029	U	pCi/g	0.03	0.048	0.048	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Cobalt-57	-0.01	U	pCi/g	0.035	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Cobalt-57	0.014	U	pCi/g	0.028	0.049	0.049	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Cobalt-57	0.005	U	pCi/g	0.033	0.058	0.058	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Cobalt-57	-0.009	U	pCi/g	0.031	0.051	0.051	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Cobalt-57	-0.024	U	pCi/g	0.032	0.053	0.053	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Cobalt-57	0.021	U	pCi/g	0.028	0.049	0.049	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Cobalt-57	-0.005	U	pCi/g	0.032	0.055	0.055	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Cobalt-57	-0.0007	U	pCi/g	0.028	0.047	0.047	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Cobalt-57	0.013	U	pCi/g	0.032	0.057	0.057	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Cobalt-57	-0.0003	U	pCi/g	0.027	0.045	0.045	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Cobalt-57	-0.002	U	pCi/g	0.027	0.045	0.045	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Cobalt-57	0.009	U	pCi/g	0.034	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Cobalt-57	0.025	U	pCi/g	0.031	0.054	0.054	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Cobalt-57	-0.016	U	pCi/g	0.032	0.053	0.053	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Cobalt-57	-0.008	U	pCi/g	0.033	0.056	0.056	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Cobalt-57	0.04	U	pCi/g	0.028	0.052	0.052	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Cobalt-57	0.018	U	pCi/g	0.033	0.059	0.059	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Cobalt-57	0.009	U	pCi/g	0.026	0.046	0.046	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Cobalt-57	0.007	U	pCi/g	0.031	0.055	0.055	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Cobalt-57	-0.031	U	pCi/g	0.033	0.053	0.053	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Cobalt-57	0.011	U	pCi/g	0.029	0.051	0.051	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Cobalt-57	0.018	U	pCi/g	0.031	0.054	0.054	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Cobalt-57	-0.005	U	pCi/g	0.029	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Cobalt-57	-0.014	U	pCi/g	0.032	0.055	0.055	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Cobalt-57	0.019	U	pCi/g	0.029	0.052	0.052	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Cobalt-60	-0.009	U	pCi/g	0.057	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Cobalt-60	0.05	U	pCi/g	0.055	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Cobalt-60	0.037	U	pCi/g	0.058	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Cobalt-60	0.024	U	pCi/g	0.061	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Cobalt-60	-0.033	U	pCi/g	0.06	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Cobalt-60	0.028	U	pCi/g	0.064	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Cobalt-60	-0.012	U	pCi/g	0.062	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Cobalt-60	-0.001	U	pCi/g	0.066	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Cobalt-60	-0.003	U	pCi/g	0.069	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Cobalt-60	-0.058	U	pCi/g	0.071	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Cobalt-60	0.065	U	pCi/g	0.062	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Cobalt-60	0.013	U	pCi/g	0.051	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Cobalt-60	0.019	U	pCi/g	0.062	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Cobalt-60	-0.014	U	pCi/g	0.07	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Cobalt-60	-0.018	U	pCi/g	0.065	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Cobalt-60	0.044	U	pCi/g	0.056	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Cobalt-60	-0.038	U	pCi/g	0.061	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Cobalt-60	0.007	U	pCi/g	0.065	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Cobalt-60	-0.073	U	pCi/g	0.065	0.093	0.093	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Cobalt-60	-0.023	U	pCi/g	0.058	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Cobalt-60	0.049	U	pCi/g	0.063	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Cobalt-60	-0.022	U	pCi/g	0.062	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Cobalt-60	-0.034	U	pCi/g	0.057	0.098	0.098	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Cobalt-60	0.002	U	pCi/g	0.058	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Cobalt-60	0.014	U	pCi/g	0.054	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Cobalt-60	-0.054	U	pCi/g	0.055	0.085	0.085	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Cobalt-60	0.009	U	pCi/g	0.06	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Cobalt-60	0.006	U	pCi/g	0.049	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Cobalt-60	-0.013	U	pCi/g	0.049	0.088	0.088	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Cobalt-60	0.026	U	pCi/g	0.049	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Cobalt-60	-0.009	U	pCi/g	0.045	0.088	0.088	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Cobalt-60	-0.026	U	pCi/g	0.043	0.074	0.074	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Cobalt-60	-0.02	U	pCi/g	0.05	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Cobalt-60	0.026	U	pCi/g	0.049	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Cobalt-60	-0.053	U	pCi/g	0.059	0.095	0.095	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Cobalt-60	0.04	U	pCi/g	0.051	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Cobalt-60	0.028	U	pCi/g	0.055	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Cobalt-60	-0.017	U	pCi/g	0.055	0.098	0.098	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Cobalt-60	-0.011	U	pCi/g	0.06	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Cobalt-60	-0.005	U	pCi/g	0.052	0.097	0.097	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Cobalt-60	-0.012	U	pCi/g	0.049	0.091	0.091	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Cobalt-60	0.061	U	pCi/g	0.059	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Cobalt-60	0.011	U	pCi/g	0.05	0.1	0.1	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Cobalt-60	0.025	U	pCi/g	0.059	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Cobalt-60	0.071	U	pCi/g	0.058	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Cobalt-60	0.011	U	pCi/g	0.06	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Cobalt-60	-0.052	U	pCi/g	0.069	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Cobalt-60	0.003	U	pCi/g	0.067	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Cobalt-60	0.015	U	pCi/g	0.052	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Cobalt-60	0.011	U	pCi/g	0.066	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Cobalt-60	-0.017	U	pCi/g	0.062	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Cobalt-60	0.023	U	pCi/g	0.048	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Cobalt-60	0.015	U	pCi/g	0.046	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Cobalt-60	0.011	U	pCi/g	0.061	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Cobalt-60	-0.008	U	pCi/g	0.059	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Cobalt-60	0.043	U	pCi/g	0.047	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Cobalt-60	-0.053	U	pCi/g	0.06	0.097	0.097	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Cobalt-60	0.013	U	pCi/g	0.05	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Cobalt-60	-0.009	U	pCi/g	0.05	0.096	0.096	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Cobalt-60	-0.028	U	pCi/g	0.064	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Cobalt-60	0.04	U	pCi/g	0.055	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Cobalt-60	-0.019	U	pCi/g	0.059	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Cobalt-60	0.011	U	pCi/g	0.062	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Cobalt-60	-0.009	U	pCi/g	0.061	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Cobalt-60	-0.042	U	pCi/g	0.05	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Cobalt-60	0.034	U	pCi/g	0.074	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Cobalt-60	-0.003	U	pCi/g	0.062	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Cobalt-60	0.044	U	pCi/g	0.046	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Cobalt-60	0.008	U	pCi/g	0.06	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Cobalt-60	0.013	U	pCi/g	0.056	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Cobalt-60	0.04	U	pCi/g	0.062	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Cobalt-60	-0.001	U	pCi/g	0.051	0.097	0.097	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Cobalt-60	-0.017	U	pCi/g	0.063	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Cobalt-60	0.024	U	pCi/g	0.06	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Cobalt-60	0.008	U	pCi/g	0.057	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Cobalt-60	0.038	U	pCi/g	0.058	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Cobalt-60	-0.03	U	pCi/g	0.054	0.093	0.093	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Cobalt-60	-0.049	U	pCi/g	0.048	0.073	0.073	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Cobalt-60	-0.015	U	pCi/g	0.056	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Cobalt-60	0.003	U	pCi/g	0.052	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Cobalt-60	0.006	U	pCi/g	0.058	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Cobalt-60	0.023	U	pCi/g	0.061	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Cobalt-60	0.014	U	pCi/g	0.054	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Cobalt-60	-0.025	U	pCi/g	0.056	0.099	0.099	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Cobalt-60	0.002	U	pCi/g	0.051	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Cobalt-60	-0.017	U	pCi/g	0.051	0.095	0.095	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Cobalt-60	-0.004	U	pCi/g	0.051	0.098	0.098	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Cobalt-60	-0.055	U	pCi/g	0.052	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Cobalt-60	-0.025	U	pCi/g	0.061	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Cobalt-60	-0.041	U	pCi/g	0.053	0.086	0.086	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Cobalt-60	0.026	U	pCi/g	0.057	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Cobalt-60	0.013	U	pCi/g	0.048	0.099	0.099	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Cobalt-60	0.012	U	pCi/g	0.046	0.097	0.097	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Cobalt-60	-0.028	U	pCi/g	0.055	0.098	0.098	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Cobalt-60	0.004	U	pCi/g	0.06	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Copper	23.7		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Copper	12		mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Copper	17.9		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Copper	18.2		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Copper	14.7		mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Copper	10.2		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Copper	16.7		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Copper	11.9		mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Copper	11		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Copper	13.7		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Copper	13.5		mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Copper	14.9		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Copper	18.6		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Copper	20.6		mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Copper	14.7		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Copper	19.1		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Copper	13.6		mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Copper	15.7		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Copper	17.8		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Copper	24.2		mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Copper	14.6		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Copper	17		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Copper	14.4		mg/kg		1.1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Copper	12.8		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Copper	18.7		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Copper	15.4		mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Copper	14.6		mg/kg		1.1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Copper	19.9	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Copper	22.7	J	mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Copper	19.8	J	mg/kg		1.1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Copper	19.6	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Copper	17.6	J	mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Copper	22.1	J	mg/kg		1.1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Copper	23.8	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Copper	15.7		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Copper	20.9	J	mg/kg		1.1	0.2205	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Copper	18.2	J	mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Copper	23.9	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Copper	20.5	J	mg/kg		1.1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Copper	18.2		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Copper	15.3		mg/kg		1.3	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Copper	16.7		mg/kg		1.1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Copper	22.9	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Copper	18.6		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Copper	15.5		mg/kg		1.1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Copper	19		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Copper	21	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Copper	18.7		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Copper	13.8		mg/kg		1.1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Copper	19.9		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Copper	15.4	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Copper	17.1	J	mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Copper	17.2	J	mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Copper	19.2	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Copper	19	J	mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Copper	16.1	J	mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Copper	19.1	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Copper	18.8	J	mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Copper	19.1	J	mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Copper	20.4		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Copper	13.1		mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Copper	13.3		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Copper	16.6	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Copper	15		mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Copper	15.2		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Copper	17.2		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Copper	13.6		mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Copper	17		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Copper	21	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Copper	20.3	J	mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Copper	20.9	J	mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Copper	18.5	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Copper	22.9	J	mg/kg		1.1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Copper	17.1	J	mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Copper	19	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Copper	19.7	J	mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Copper	20.4	J	mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Copper	25.9	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Copper	20.8	J	mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Copper	23.9	J	mg/kg		1	0.2205	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Copper	23.1	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Copper	19.6	J	mg/kg		1.1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Copper	22.5	J	mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Copper	19.6	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Copper	21.2	J	mg/kg		1.1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Copper	21.7	J	mg/kg		1.1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Copper	19.5		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Copper	13.3		mg/kg		1.1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Copper	17		mg/kg		1.1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Copper	17.2		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Copper	15.4		mg/kg		1.1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Copper	14.5		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Copper	14.8		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Copper	15.2		mg/kg		1.1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Copper	13.8		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Fluoride	1.2	U	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Fluoride	0.72	U	mg/kg		1	0.052	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Fluoride	0.36	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Fluoride	0.6	U	mg/kg		1	0.052	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Fluoride	0.051	U	mg/kg		1	0.052	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Fluoride	0.051	U	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Fluoride	0.051	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Fluoride	0.36	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Fluoride	0.051	U	mg/kg		1	0.052	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Fluoride	0.32	U	mg/kg		1	0.052	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Fluoride	0.34	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Fluoride	0.051	U	mg/kg		1	0.052	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Fluoride	0.76	U	mg/kg		1	0.052	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Fluoride	0.32	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Fluoride	0.051	U	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Fluoride	0.4	U	mg/kg		1	0.052	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Fluoride	0.051	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Fluoride	0.63	U	mg/kg		1	0.052	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Fluoride	1	U	mg/kg		1	0.052	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Fluoride	0.051	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Fluoride	0.32	U	mg/kg		1.1	0.054	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Fluoride	0.23	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Fluoride	0.29	U	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Fluoride	0.051	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Fluoride	0.76	U	mg/kg		1	0.053	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Fluoride	2.5	J+	mg/kg		1.1	0.054	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Fluoride	0.89	U	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Fluoride	1.5	U	mg/kg		1.1	0.054	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Fluoride	0.051	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Fluoride	1	U	mg/kg		1.1	0.054	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Fluoride	1.6	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Fluoride	2.1	U	mg/kg		1.1	0.055	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Fluoride	0.051	U	mg/kg		1.3	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Fluoride	0.051	U	mg/kg		1.1	0.054	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Fluoride	0.051	U	mg/kg		1.1	0.054	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Fluoride	0.051	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Fluoride	0.051	U	mg/kg		1.1	0.054	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Fluoride	0.051	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Fluoride	0.051	U	mg/kg		10.2	0.52	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Fluoride	0.051	U	mg/kg		10.3	0.52	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Fluoride	1.1		mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Fluoride	0.051	U	mg/kg		20.7	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Fluoride	0.051	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Fluoride	0.37	B	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Fluoride	0.31	B	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Fluoride	0.16	B	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Fluoride	0.61	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Fluoride	0.55	U	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Fluoride	0.79	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Fluoride	0.051	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Fluoride	0.79	B	mg/kg		1	0.052	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Fluoride	0.46	B	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Fluoride	0.52	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Fluoride	0.77	U	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Fluoride	0.75	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Fluoride	0.051	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Fluoride	0.36	B	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Fluoride	0.31	B	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Fluoride	0.94	B	mg/kg		1.1	0.054	5

**TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada**

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Fluoride	0.5	B	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Fluoride	0.67	B	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Fluoride	0.77	B	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Fluoride	0.051	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Fluoride	0.58	U	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Fluoride	0.93	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Fluoride	0.051	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Fluoride	1.4	U	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Fluoride	1	U	mg/kg		1	0.052	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Fluoride	1.2	U	mg/kg		1.1	0.054	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Fluoride	1.6	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Fluoride	0.051	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Fluoride	0.051	U	mg/kg		1.1	0.054	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Fluoride	0.051	U	mg/kg		1.1	0.054	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Fluoride	0.051	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Fluoride	0.051	U	mg/kg		1.1	0.054	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Fluoride	0.051	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Fluoride	0.051	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Fluoride	0.051	U	mg/kg		1.1	0.054	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Fluoride	0.24	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Iron	15100		mg/kg		10.2	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Iron	6640		mg/kg		10.3	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Iron	6870		mg/kg		10.2	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Iron	14400		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Iron	8260		mg/kg		10.3	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Iron	5410		mg/kg		10.2	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Iron	13300		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Iron	6350		mg/kg		10.3	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Iron	5510		mg/kg		10.3	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Iron	10500		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Iron	9430		mg/kg		10.2	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Iron	10200		mg/kg		10.2	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Iron	13200		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Iron	11200		mg/kg		10.2	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Iron	9170		mg/kg		10.2	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Iron	12500		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Iron	9450		mg/kg		10.3	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Iron	10100		mg/kg		10.2	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Iron	13200		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Iron	8890		mg/kg		10.2	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Iron	8100		mg/kg		10.2	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Iron	12100		mg/kg		10.1	1.173	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Iron	9780		mg/kg		10.5	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Iron	7400		mg/kg		10.3	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Iron	15500		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Iron	8940		mg/kg		10.4	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Iron	6570		mg/kg		10.5	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Iron	16800		mg/kg		10.2	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Iron	18600		mg/kg		10.4	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Iron	16800		mg/kg		10.7	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Iron	18300		mg/kg		10.2	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Iron	18800		mg/kg		10.4	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Iron	19100		mg/kg		10.5	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Iron	16600		mg/kg		10.2	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Iron	19700		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Iron	18500		mg/kg		10.5	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Iron	17400		mg/kg		10.4	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Iron	10500		mg/kg		10.2	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Iron	16200		mg/kg		10.8	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Iron	14500		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Iron	11900		mg/kg		12.6	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Iron	14700		mg/kg		10.6	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Iron	10700		mg/kg		10.2	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Iron	15700		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Iron	12300		mg/kg		10.5	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Iron	12300		mg/kg		10.4	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Iron	10700		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Iron	11700		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Iron	8740		mg/kg		10.6	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Iron	14100		mg/kg		10.4	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Iron	16600		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Iron	17000		mg/kg		10.2	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Iron	14100		mg/kg		10.3	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Iron	17200		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Iron	15500		mg/kg		10.4	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Iron	15300		mg/kg		10.4	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Iron	17900		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Iron	16100		mg/kg		10.4	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Iron	15600		mg/kg		10.4	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Iron	16700		mg/kg		10.2	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Iron	10200		mg/kg		10.4	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Iron	13500		mg/kg		10.4	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Iron	16900		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Iron	16500		mg/kg		10.3	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Iron	13500		mg/kg		10.4	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Iron	17400		mg/kg		10.1	1.173	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Iron	13100		mg/kg		10.4	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Iron	14900		mg/kg		10.3	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Iron	15200		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Iron	14000		mg/kg		10.3	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Iron	12500		mg/kg		10.3	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Iron	12100		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Iron	13000		mg/kg		10.6	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Iron	12300		mg/kg		10.4	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Iron	14600		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Iron	12600		mg/kg		10.4	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Iron	13200		mg/kg		10.3	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Iron	13700		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Iron	14600		mg/kg		10.4	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Iron	14300		mg/kg		10.5	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Iron	9030		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Iron	14200		mg/kg		10.5	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Iron	11700		mg/kg		10.3	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Iron	17400	J	mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Iron	16600	J	mg/kg		10.6	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Iron	14900	J	mg/kg		10.5	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Iron	16300		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Iron	11400		mg/kg		10.5	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Iron	12700		mg/kg		10.6	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Iron	15100		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Iron	12400		mg/kg		10.5	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Iron	8790		mg/kg		10.4	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Iron	12800		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Iron	11400		mg/kg		10.6	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Iron	10400		mg/kg		10.4	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Lead	11.5	J	mg/kg		0.31	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Lead	4.9	J	mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Lead	4.5	J	mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Lead	11.8	J	mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Lead	6.2	J	mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Lead	3	J	mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Lead	12.2	J	mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Lead	5	J	mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Lead	3.6	J	mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Lead	7.5	J	mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Lead	6.6	J	mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Lead	6	J	mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Lead	9.2	J	mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Lead	6.8	J	mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Lead	5.7	J	mg/kg		0.31	0.0506	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Lead	9	J	mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Lead	6.6		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Lead	7.2		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Lead	11		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Lead	5.7		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Lead	4.8		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Lead	9.6		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Lead	6		mg/kg		0.32	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Lead	4.2		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Lead	11.9		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Lead	6.5		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Lead	4.4		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Lead	7.3		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Lead	7.2		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Lead	6.3		mg/kg		0.32	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Lead	8.2		mg/kg		0.31	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Lead	7.7		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Lead	7.3		mg/kg		0.32	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Lead	6		mg/kg		0.31	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Lead	9.4		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Lead	6.6		mg/kg		0.32	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Lead	6.7		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Lead	9.1		mg/kg		0.31	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Lead	6.4		mg/kg		0.32	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Lead	9.1	J	mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Lead	6.7	J	mg/kg		0.38	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Lead	7.8	J	mg/kg		0.32	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Lead	8.1		mg/kg		0.31	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Lead	7.9	J	mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Lead	6.9		mg/kg		0.32	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Lead	6		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Lead	8		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Lead	7.6		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Lead	5.3		mg/kg		0.32	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Lead	7.7		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Lead	10.3		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Lead	9.2		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Lead	5.3		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Lead	10.5		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Lead	6.9		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Lead	6.7		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Lead	10.9		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Lead	7.2		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Lead	5.6		mg/kg		0.31	0.0506	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Lead	10.1	J	mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Lead	5.9	J	mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Lead	6	J	mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Lead	10.9		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Lead	10.9	J	mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Lead	6.8	J	mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Lead	12.2	J	mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Lead	7.3	J	mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Lead	6.3	J	mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Lead	9.3		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Lead	6.5		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Lead	5.9		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Lead	7.4		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Lead	7.8		mg/kg		0.32	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Lead	7.3		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Lead	10.5		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Lead	7.2		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Lead	6.3		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Lead	25.6		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Lead	9.3		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Lead	6.6		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Lead	35.1		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Lead	9.8		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Lead	5.9		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Lead	11.1		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Lead	8.8		mg/kg		0.32	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Lead	5.6		mg/kg		0.32	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Lead	19.1	J	mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Lead	5.7	J	mg/kg		0.32	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Lead	6.3	J	mg/kg		0.32	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Lead	16.4		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Lead	6.9		mg/kg		0.32	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Lead	4.9		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Lead	13.7		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Lead	6.4		mg/kg		0.32	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Lead	5.7		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Lead-210	0.8	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Lead-210	1.04	U	pCi/g	0.996	1.9	1.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Lead-210	0.7	U	pCi/g	1.4	2.6	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Lead-210	1.6	U	pCi/g	1.4	2.6	2.6	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Lead-210	1.2	U	pCi/g	1.3	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Lead-210	0.5	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Lead-210	0.9	U	pCi/g	1.4	2.5	2.5	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Lead-210	1.6	U	pCi/g	1.4	2.7	2.7	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Lead-210	0.7	U	pCi/g	1.4	2.5	2.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Lead-210	1.9	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Lead-210	0.3	U	pCi/g	1.3	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Lead-210	1	U	pCi/g	1.1	1.7	1.7	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Lead-210	1	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Lead-210	1.4	U	pCi/g	1.3	2.4	2.4	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Lead-210	0.6	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Lead-210	-0.05	U	pCi/g	1.2	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Lead-210	0.5	U	pCi/g	1.3	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Lead-210	0.009	U	pCi/g	1.1	2	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Lead-210	1.5	U	pCi/g	1.3	2.6	2.6	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Lead-210	0.5	U	pCi/g	1.4	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Lead-210	1.6	U	pCi/g	1.3	2.6	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Lead-210	0.5	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Lead-210	-0.3	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Lead-210	0.3	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Lead-210	2	U	pCi/g	1.4	2.8	2.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Lead-210	0.1	U	pCi/g	1.1	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Lead-210	1.1	U	pCi/g	1.3	2.3	2.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Lead-210	0.8	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Lead-210	-0.2	U	pCi/g	1	1.8	1.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Lead-210	2.2		pCi/g	1.6	1.5	1.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Lead-210	0.3	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Lead-210	0.2	U	pCi/g	1.1	1.9	1.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Lead-210	0.81	U	pCi/g	0.91	1.8	1.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Lead-210	0.2	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Lead-210	0.06	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Lead-210	-0.3	U	pCi/g	0.94	1.7	1.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Lead-210	-0.1	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Lead-210	-0.3	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Lead-210	0.8	U	pCi/g	1.4	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Lead-210	1.7	U	pCi/g	1.1	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Lead-210	1.7	U	pCi/g	1.2	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Lead-210	0.09	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Lead-210	0.4	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Lead-210	0.4	U	pCi/g	1.1	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Lead-210	0.36	U	pCi/g	0.98	1.8	1.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Lead-210	0.3	U	pCi/g	1.4	2.5	2.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Lead-210	0.7	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Lead-210	0.7	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Lead-210	-0.5	U	pCi/g	1.3	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Lead-210	0.3	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Lead-210	0.5	U	pCi/g	1.3	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Lead-210	0.18	U	pCi/g	0.99	1.8	1.8	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Lead-210	0.1	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Lead-210	1.1	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Lead-210	-0.1	U	pCi/g	1.2	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Lead-210	0.2	U	pCi/g	1.1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Lead-210	1.19	U	pCi/g	0.98	1.9	1.9	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Lead-210	0.3	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Lead-210	0.6	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Lead-210	0.6	U	pCi/g	1.1	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Lead-210	0.6	U	pCi/g	1.2	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Lead-210	0.8	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Lead-210	0.8	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Lead-210	0.6	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Lead-210	1.1	U	pCi/g	1.1	2	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Lead-210	1.5	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Lead-210	0.2	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Lead-210	0.8	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Lead-210	0.4	U	pCi/g	1.3	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Lead-210	0.2	U	pCi/g	1.1	1.9	1.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Lead-210	0.4	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Lead-210	0.63	U	pCi/g	0.97	1.8	1.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Lead-210	0.8	U	pCi/g	1.3	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Lead-210	0.7	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Lead-210	-0.002	U	pCi/g	1.2	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Lead-210	0.2	U	pCi/g	1	1.9	1.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Lead-210	1.2	U	pCi/g	1.2	2.4	2.4	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Lead-210	0.8	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Lead-210	-0.3	U	pCi/g	1.1	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Lead-210	0.91	U	pCi/g	0.96	1.8	1.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Lead-210	0.6	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Lead-210	0.2	U	pCi/g	1.4	2.6	2.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Lead-210	0.9	U	pCi/g	1.2	2.2	2.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Lead-210	0.5	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Lead-210	-0.1	U	pCi/g	1.2	2.1	2.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Lead-210	1.3	U	pCi/g	0.98	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Lead-210	1.1	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Lead-210	0.33	U	pCi/g	0.97	1.8	1.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Lead-210	0.7	U	pCi/g	1.2	2.2	2.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Lead-210	0.6	U	pCi/g	1.3	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Lead-210	-0.2	U	pCi/g	1.1	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Lead-210	0.7	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Lead-210	0.6	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Lead-210	0.5	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Lead-210	1.7	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Lead-211	-0.19	U	pCi/g	0.46	0.77	0.77	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Lead-211	-0.29	U	pCi/g	0.43	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Lead-211	-0.41	U	pCi/g	0.45	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Lead-211	0.1	U	pCi/g	0.48	0.85	0.85	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Lead-211	-0.003	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Lead-211	-0.36	U	pCi/g	0.46	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Lead-211	-0.02	U	pCi/g	0.48	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Lead-211	-0.17	U	pCi/g	0.51	0.87	0.87	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Lead-211	0.24	U	pCi/g	0.52	0.93	0.93	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Lead-211	0.34	U	pCi/g	0.44	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Lead-211	0.14	U	pCi/g	0.47	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Lead-211	-0.11	U	pCi/g	0.42	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Lead-211	0.08	U	pCi/g	0.45	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Lead-211	0.23	U	pCi/g	0.48	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Lead-211	0.15	U	pCi/g	0.42	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Lead-211	0.2	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Lead-211	0.36	U	pCi/g	0.47	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Lead-211	-0.09	U	pCi/g	0.43	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Lead-211	0.38	U	pCi/g	0.52	0.97	0.97	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Lead-211	-0.38	U	pCi/g	0.51	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Lead-211	-0.19	U	pCi/g	0.45	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Lead-211	0.27	U	pCi/g	0.45	0.82	0.82	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Lead-211	0.02	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Lead-211	-0.16	U	pCi/g	0.37	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Lead-211	0.13	U	pCi/g	0.48	0.87	0.87	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Lead-211	0.13	U	pCi/g	0.43	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Lead-211	-0.27	U	pCi/g	0.48	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Lead-211	-0.22	U	pCi/g	0.41	0.7	0.7	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Lead-211	-0.11	U	pCi/g	0.36	0.62	0.62	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Lead-211	-0.25	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Lead-211	0.06	U	pCi/g	0.41	0.74	0.74	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Lead-211	-0.15	U	pCi/g	0.39	0.66	0.66	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Lead-211	0.12	U	pCi/g	0.34	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Lead-211	-0.27	U	pCi/g	0.41	0.68	0.68	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Lead-211	-0.42	U	pCi/g	0.42	0.66	0.66	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Lead-211	0.15	U	pCi/g	0.38	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Lead-211	0.04	U	pCi/g	0.44	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Lead-211	0.36	U	pCi/g	0.41	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Lead-211	0.3	U	pCi/g	0.52	0.95	0.95	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Lead-211	0.23	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Lead-211	0.13	U	pCi/g	0.45	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Lead-211	-0.03	U	pCi/g	0.43	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Lead-211	0.008	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Lead-211	-0.05	U	pCi/g	0.41	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Lead-211	-0.13	U	pCi/g	0.41	0.71	0.71	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Lead-211	0.02	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Lead-211	0.06	U	pCi/g	0.44	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Lead-211	-0.28	U	pCi/g	0.46	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Lead-211	0.21	U	pCi/g	0.47	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Lead-211	-0.02	U	pCi/g	0.49	0.87	0.87	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Lead-211	-0.29	U	pCi/g	0.51	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Lead-211	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Lead-211	-0.07	U	pCi/g	0.44	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Lead-211	0.2	U	pCi/g	0.4	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Lead-211	-0.02	U	pCi/g	0.42	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Lead-211	0.11	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Lead-211	-0.27	U	pCi/g	0.41	0.69	0.69	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Lead-211	-0.32	U	pCi/g	0.43	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Lead-211	-0.37	U	pCi/g	0.46	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Lead-211	-0.13	U	pCi/g	0.45	0.78	0.78	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Lead-211	0.12	U	pCi/g	0.46	0.84	0.84	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Lead-211	-0.11	U	pCi/g	0.42	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Lead-211	0.03	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Lead-211	-0.05	U	pCi/g	0.38	0.68	0.68	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Lead-211	-0.24	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Lead-211	-0.18	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Lead-211	-0.11	U	pCi/g	0.47	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Lead-211	-0.12	U	pCi/g	0.4	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Lead-211	0.13	U	pCi/g	0.44	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Lead-211	-0.24	U	pCi/g	0.44	0.74	0.74	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Lead-211	-0.17	U	pCi/g	0.49	0.83	0.83	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Lead-211	-0.32	U	pCi/g	0.35	0.58	0.58	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Lead-211	0.03	U	pCi/g	0.48	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Lead-211	-0.27	U	pCi/g	0.45	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Lead-211	0.14	U	pCi/g	0.46	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Lead-211	0.13	U	pCi/g	0.42	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Lead-211	0.37	U	pCi/g	0.49	0.91	0.91	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Lead-211	-0.29	U	pCi/g	0.38	0.62	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Lead-211	-0.52	U	pCi/g	0.47	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Lead-211	0.31	U	pCi/g	0.4	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Lead-211	-0.49	U	pCi/g	0.38	0.59	0.59	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Lead-211	0.4	U	pCi/g	0.49	0.93	0.93	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Lead-211	-0.33	U	pCi/g	0.44	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Lead-211	-0.06	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Lead-211	-0.29	U	pCi/g	0.47	0.77	0.77	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Lead-211	-0.1	U	pCi/g	0.39	0.68	0.68	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Lead-211	0.26	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Lead-211	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Lead-211	0.03	U	pCi/g	0.46	0.8	0.8	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Lead-211	-0.15	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Lead-211	0.06	U	pCi/g	0.42	0.75	0.75	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Lead-211	-0.04	U	pCi/g	0.39	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Lead-211	0.03	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Lead-211	-0.2	U	pCi/g	0.51	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Lead-211	-0.06	U	pCi/g	0.4	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Lead-212	1.69		pCi/g	0.3	0.22	0.22	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Lead-212	1.58		pCi/g	0.26	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Lead-212	1.58		pCi/g	0.28	0.19	0.19	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Lead-212	1.93		pCi/g	0.28	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Lead-212	1.71		pCi/g	0.26	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Lead-212	1.88		pCi/g	0.28	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Lead-212	1.74		pCi/g	0.26	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Lead-212	1.65		pCi/g	0.26	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Lead-212	1.71		pCi/g	0.26	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Lead-212	1.86		pCi/g	0.27	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Lead-212	1.92		pCi/g	0.28	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Lead-212	1.62		pCi/g	0.26	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Lead-212	1.76		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Lead-212	1.72		pCi/g	0.31	0.24	0.24	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Lead-212	1.72		pCi/g	0.27	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Lead-212	1.77		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Lead-212	1.72		pCi/g	0.32	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Lead-212	1.78		pCi/g	0.26	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Lead-212	1.63		pCi/g	0.28	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Lead-212	1.6		pCi/g	0.28	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Lead-212	1.73		pCi/g	0.29	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Lead-212	1.73		pCi/g	0.25	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Lead-212	1.76		pCi/g	0.27	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Lead-212	1.43		pCi/g	0.25	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Lead-212	1.93		pCi/g	0.33	0.19	0.19	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Lead-212	1.61		pCi/g	0.24	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Lead-212	1.64		pCi/g	0.25	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Lead-212	1.08		pCi/g	0.21	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Lead-212	1.25		pCi/g	0.19	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Lead-212	1.22		pCi/g	0.2	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Lead-212	1.34		pCi/g	0.23	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Lead-212	1.2		pCi/g	0.23	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Lead-212	1.29		pCi/g	0.22	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Lead-212	1.08		pCi/g	0.23	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Lead-212	1.2		pCi/g	0.21	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Lead-212	1.37		pCi/g	0.23	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Lead-212	1.33		pCi/g	0.22	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Lead-212	1.9		pCi/g	0.27	0.12	0.12	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Lead-212	1.93		pCi/g	0.29	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Lead-212	1.37		pCi/g	0.24	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Lead-212	1.64		pCi/g	0.28	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Lead-212	1.82		pCi/g	0.28	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Lead-212	1.98		pCi/g	0.29	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Lead-212	1.61		pCi/g	0.28	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Lead-212	1.77		pCi/g	0.26	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Lead-212	2.11		pCi/g	0.31	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Lead-212	1.8		pCi/g	0.28	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Lead-212	1.76		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Lead-212	1.73		pCi/g	0.29	0.23	0.23	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Lead-212	1.98		pCi/g	0.32	0.25	0.25	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Lead-212	1.62		pCi/g	0.25	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Lead-212	1.24		pCi/g	0.23	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Lead-212	1.25		pCi/g	0.24	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Lead-212	1.46		pCi/g	0.25	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Lead-212	1.29		pCi/g	0.24	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Lead-212	1.4		pCi/g	0.22	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Lead-212	1.42		pCi/g	0.24	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Lead-212	1.08		pCi/g	0.23	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Lead-212	1.2		pCi/g	0.19	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Lead-212	1.74		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Lead-212	1.22		pCi/g	0.22	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Lead-212	1.21		pCi/g	0.19	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Lead-212	1.54		pCi/g	0.23	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Lead-212	1.52		pCi/g	0.25	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Lead-212	1.36		pCi/g	0.2	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Lead-212	1.74		pCi/g	0.26	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Lead-212	1.3		pCi/g	0.21	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Lead-212	1.4		pCi/g	0.22	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Lead-212	1.69		pCi/g	0.3	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Lead-212	1.45		pCi/g	0.25	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Lead-212	1.97		pCi/g	0.29	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Lead-212	1.38		pCi/g	0.23	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Lead-212	1.53		pCi/g	0.27	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Lead-212	1.89		pCi/g	0.27	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Lead-212	1.76		pCi/g	0.26	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Lead-212	1.54		pCi/g	0.26	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Lead-212	1.69		pCi/g	0.3	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Lead-212	1.27		pCi/g	0.2	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Lead-212	1.41		pCi/g	0.25	0.21	0.21	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Lead-212	1.62		pCi/g	0.28	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Lead-212	1.13		pCi/g	0.22	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Lead-212	1.72		pCi/g	0.3	0.18	0.18	5

**TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada**

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Lead-212	1.64		pCi/g	0.28	0.21	0.21	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Lead-212	1.3		pCi/g	0.23	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Lead-212	1.43		pCi/g	0.25	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Lead-212	1.58		pCi/g	0.24	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Lead-212	1.56		pCi/g	0.26	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Lead-212	1.26		pCi/g	0.23	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Lead-212	1.36		pCi/g	0.24	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Lead-212	1.49		pCi/g	0.26	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Lead-212	1.75		pCi/g	0.26	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Lead-212	1.45		pCi/g	0.22	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Lead-212	1.44		pCi/g	0.24	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Lead-212	1.65		pCi/g	0.25	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Lead-212	1.51		pCi/g	0.23	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Lead-214	0.97		pCi/g	0.23	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Lead-214	1.13		pCi/g	0.24	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Lead-214	1.25		pCi/g	0.26	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Lead-214	1.05		pCi/g	0.24	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Lead-214	1.03		pCi/g	0.24	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Lead-214	1.68		pCi/g	0.3	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Lead-214	1.19		pCi/g	0.25	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Lead-214	1.22		pCi/g	0.28	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Lead-214	1.62		pCi/g	0.3	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Lead-214	1.07		pCi/g	0.22	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Lead-214	0.89		pCi/g	0.2	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Lead-214	0.97		pCi/g	0.2	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Lead-214	0.96		pCi/g	0.21	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Lead-214	1.1		pCi/g	0.25	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Lead-214	1.01		pCi/g	0.23	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Lead-214	0.93		pCi/g	0.22	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Lead-214	1.2		pCi/g	0.29	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Lead-214	1.11		pCi/g	0.23	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Lead-214	1.11		pCi/g	0.27	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Lead-214	1.03		pCi/g	0.24	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Lead-214	0.99		pCi/g	0.24	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Lead-214	0.85		pCi/g	0.23	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Lead-214	1.05		pCi/g	0.24	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Lead-214	1.14		pCi/g	0.22	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Lead-214	1.12		pCi/g	0.22	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Lead-214	0.88		pCi/g	0.19	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Lead-214	1.62		pCi/g	0.31	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Lead-214	0.75		pCi/g	0.2	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Lead-214	0.77		pCi/g	0.17	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Lead-214	0.73		pCi/g	0.18	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Lead-214	0.77		pCi/g	0.22	0.15	0.15	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Lead-214	0.86		pCi/g	0.19	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Lead-214	0.69		pCi/g	0.16	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Lead-214	0.81		pCi/g	0.22	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Lead-214	0.82		pCi/g	0.21	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Lead-214	0.74		pCi/g	0.18	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Lead-214	0.77		pCi/g	0.21	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Lead-214	0.98		pCi/g	0.21	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Lead-214	1.08		pCi/g	0.25	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Lead-214	0.96		pCi/g	0.23	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Lead-214	0.86		pCi/g	0.21	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Lead-214	0.96		pCi/g	0.22	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Lead-214	0.87		pCi/g	0.25	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Lead-214	0.88		pCi/g	0.22	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Lead-214	0.88		pCi/g	0.22	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Lead-214	0.97		pCi/g	0.22	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Lead-214	0.79		pCi/g	0.24	0.19	0.19	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Lead-214	0.97		pCi/g	0.21	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Lead-214	0.89		pCi/g	0.22	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Lead-214	1.23		pCi/g	0.25	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Lead-214	0.83		pCi/g	0.22	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Lead-214	0.8		pCi/g	0.18	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Lead-214	1.49		pCi/g	0.29	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Lead-214	0.98		pCi/g	0.23	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Lead-214	0.8		pCi/g	0.26	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Lead-214	1		pCi/g	0.23	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Lead-214	0.84		pCi/g	0.19	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Lead-214	0.88		pCi/g	0.21	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Lead-214	0.82		pCi/g	0.21	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Lead-214	1.09		pCi/g	0.23	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Lead-214	1.31		pCi/g	0.26	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Lead-214	1.2		pCi/g	0.23	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Lead-214	1.17		pCi/g	0.24	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Lead-214	0.8		pCi/g	0.23	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Lead-214	1.16		pCi/g	0.23	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Lead-214	0.93		pCi/g	0.21	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Lead-214	1.72		pCi/g	0.3	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Lead-214	1.24		pCi/g	0.26	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Lead-214	0.93		pCi/g	0.24	0.19	0.19	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Lead-214	0.95		pCi/g	0.22	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Lead-214	0.98		pCi/g	0.23	0.2	0.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Lead-214	0.91		pCi/g	0.22	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Lead-214	1.03		pCi/g	0.23	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Lead-214	1.07		pCi/g	0.25	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Lead-214	0.86		pCi/g	0.21	0.18	0.18	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Lead-214	1		pCi/g	0.22	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Lead-214	0.91		pCi/g	0.21	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Lead-214	0.85		pCi/g	0.2	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Lead-214	0.85		pCi/g	0.24	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Lead-214	0.99		pCi/g	0.21	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Lead-214	0.93		pCi/g	0.21	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Lead-214	0.88		pCi/g	0.23	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Lead-214	1.1		pCi/g	0.24	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Lead-214	0.85		pCi/g	0.21	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Lead-214	0.72		pCi/g	0.19	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Lead-214	0.83		pCi/g	0.19	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Lead-214	0.78		pCi/g	0.2	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Lead-214	0.93		pCi/g	0.19	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Lead-214	1.54		pCi/g	0.27	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Lead-214	0.78		pCi/g	0.21	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Lead-214	0.97		pCi/g	0.2	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Lead-214	1.24		pCi/g	0.25	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Lead-214	1		pCi/g	0.22	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Lead-214	1.1		pCi/g	0.26	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Lead-214	1.48		pCi/g	0.26	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Lithium	18		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Lithium	11.5		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Lithium	14		mg/kg		5.1	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Lithium	17.5		mg/kg		5	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Lithium	12.7		mg/kg		5.1	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Lithium	13.7		mg/kg		5.1	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Lithium	18.2		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Lithium	10		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Lithium	12.1		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Lithium	12.9		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Lithium	10.8		mg/kg		5.1	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Lithium	11.9		mg/kg		5.1	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Lithium	18.9		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Lithium	11.9		mg/kg		5.1	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Lithium	11.5		mg/kg		5.1	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Lithium	17.3		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Lithium	10.6		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Lithium	11.8		mg/kg		5.1	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Lithium	14.5		mg/kg		5	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Lithium	11.5		mg/kg		5.1	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Lithium	11.8		mg/kg		5.1	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Lithium	13.4		mg/kg		5	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Lithium	12.1		mg/kg		5.3	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Lithium	16.5		mg/kg		5.2	0.2425	10

**TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada**

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Lithium	17.3		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Lithium	10.9		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Lithium	24.9		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Lithium	7.5		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Lithium	9.9		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Lithium	10.1		mg/kg		5.3	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Lithium	8.9		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Lithium	9.4		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Lithium	10		mg/kg		5.3	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Lithium	8.4		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Lithium	10.8		mg/kg		5	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Lithium	9.8		mg/kg		5.3	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Lithium	9.9		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Lithium	9.6		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Lithium	14.3		mg/kg		5.4	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Lithium	11.3		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Lithium	8.7		mg/kg		6.3	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Lithium	11.7		mg/kg		5.3	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Lithium	8.8		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Lithium	11.1		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Lithium	8.5		mg/kg		5.3	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Lithium	12.8		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Lithium	9.2		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Lithium	9.7		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Lithium	8.8		mg/kg		5.3	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Lithium	11.5		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Lithium	20.4		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Lithium	21.3		mg/kg		5.1	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Lithium	24.4		mg/kg		5.1	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Lithium	22		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Lithium	17.1		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Lithium	18.5		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Lithium	20.5		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Lithium	17.3		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Lithium	19.5		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Lithium	23.9		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Lithium	13.6		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Lithium	16.5		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Lithium	18.6		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Lithium	15.3		mg/kg		5.1	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Lithium	15.8		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Lithium	22.2		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Lithium	18.8		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Lithium	26.2		mg/kg		5.2	0.2425	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Lithium	11.8		mg/kg		5	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Lithium	10.6		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Lithium	13		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Lithium	8.7		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Lithium	11.8		mg/kg		5.3	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Lithium	14.1		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Lithium	10.2		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Lithium	11.6		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Lithium	13.4		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Lithium	12.4		mg/kg		5	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Lithium	14.4		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Lithium	16		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Lithium	10		mg/kg		5	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Lithium	15.8		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Lithium	13.4		mg/kg		5.1	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Lithium	13.2		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Lithium	15.4		mg/kg		5.3	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Lithium	14.1		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Lithium	11.9		mg/kg		5	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Lithium	13.5		mg/kg		5.3	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Lithium	26.5		mg/kg		5.3	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Lithium	10.9		mg/kg		5	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Lithium	13.2		mg/kg		5.3	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Lithium	18.3		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Lithium	10.4		mg/kg		5	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Lithium	15.9		mg/kg		5.3	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Lithium	22.3		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Magnesium	14200	J	mg/kg		50.8	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Magnesium	5470	J	mg/kg		51.6	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Magnesium	8910	J	mg/kg		51.1	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Magnesium	12700	J	mg/kg		50.3	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Magnesium	6370	J	mg/kg		51.4	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Magnesium	5960	J	mg/kg		51.1	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Magnesium	14000	J	mg/kg		50.7	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Magnesium	5070	J	mg/kg		51.6	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Magnesium	6680	J	mg/kg		51.6	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Magnesium	7380	J	mg/kg		50.6	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Magnesium	4690	J	mg/kg		51.1	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Magnesium	5530	J	mg/kg		50.8	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Magnesium	10000	J	mg/kg		50.6	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Magnesium	5670	J	mg/kg		51.1	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Magnesium	5640	J	mg/kg		50.9	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Magnesium	10200	J	mg/kg		50.6	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Magnesium	4960		mg/kg		51.6	1.176	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Magnesium	6340		mg/kg		51	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Magnesium	12500		mg/kg		50.3	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Magnesium	7590		mg/kg		51.1	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Magnesium	6320		mg/kg		51.1	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Magnesium	9550		mg/kg		50.3	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Magnesium	6280		mg/kg		52.5	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Magnesium	10400		mg/kg		51.7	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Magnesium	9240		mg/kg		50.6	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Magnesium	5830		mg/kg		51.9	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Magnesium	16900		mg/kg		52.3	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Magnesium	17500	J	mg/kg		50.8	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Magnesium	12900	J	mg/kg		52.2	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Magnesium	12700	J	mg/kg		53.3	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Magnesium	12200	J	mg/kg		50.8	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Magnesium	11100	J	mg/kg		52.1	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Magnesium	12500	J	mg/kg		52.5	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Magnesium	13400	J	mg/kg		50.8	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Magnesium	12100		mg/kg		50.4	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Magnesium	11700	J	mg/kg		52.6	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Magnesium	11100	J	mg/kg		52.2	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Magnesium	9830	J	mg/kg		50.8	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Magnesium	11200	J	mg/kg		54	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Magnesium	9190	J	mg/kg		50.6	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Magnesium	7000	J	mg/kg		63.1	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Magnesium	8910	J	mg/kg		52.8	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Magnesium	8470	J	mg/kg		51	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Magnesium	8970	J	mg/kg		50.7	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Magnesium	7090		mg/kg		52.5	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Magnesium	9700		mg/kg		51.8	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Magnesium	9600	J	mg/kg		50.7	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Magnesium	9750		mg/kg		50.5	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Magnesium	7710		mg/kg		53.1	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Magnesium	9440		mg/kg		51.8	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Magnesium	11700	J	mg/kg		50.6	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Magnesium	13600	J	mg/kg		51.2	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Magnesium	13500	J	mg/kg		51.3	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Magnesium	14600	J	mg/kg		50.5	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Magnesium	13600	J	mg/kg		51.8	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Magnesium	12700	J	mg/kg		51.8	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Magnesium	13400	J	mg/kg		50.6	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Magnesium	12300	J	mg/kg		52	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Magnesium	13000	J	mg/kg		51.8	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Magnesium	14400	J	mg/kg		50.7	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Magnesium	9370	J	mg/kg		51.9	1.176	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Magnesium	11000	J	mg/kg		52	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Magnesium	11400	J	mg/kg		50.5	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Magnesium	8240	J	mg/kg		51.4	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Magnesium	10900	J	mg/kg		52	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Magnesium	11600	J	mg/kg		50.5	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Magnesium	10600	J	mg/kg		51.9	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Magnesium	13500	J	mg/kg		51.7	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Magnesium	10200	J	mg/kg		50.4	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Magnesium	8200	J	mg/kg		51.7	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Magnesium	11600	J	mg/kg		51.6	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Magnesium	8370	J	mg/kg		50.6	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Magnesium	10400	J	mg/kg		53.1	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Magnesium	9540	J	mg/kg		52.2	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Magnesium	8590	J	mg/kg		50.6	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Magnesium	9440	J	mg/kg		52.2	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Magnesium	11500	J	mg/kg		51.6	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Magnesium	13700	J	mg/kg		50.3	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Magnesium	11000	J	mg/kg		52	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Magnesium	12400	J	mg/kg		52.2	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Magnesium	10500	J	mg/kg		50.3	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Magnesium	11600	J	mg/kg		52.3	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Magnesium	8450	J	mg/kg		51.4	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Magnesium	10300	J	mg/kg		50.7	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Magnesium	12700	J	mg/kg		53.1	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Magnesium	11600	J	mg/kg		52.5	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Magnesium	10300	J	mg/kg		50.4	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Magnesium	9410	J	mg/kg		52.7	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Magnesium	16600	J	mg/kg		52.8	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Magnesium	8600		mg/kg		50.5	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Magnesium	9360		mg/kg		52.6	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Magnesium	13000		mg/kg		52.1	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Magnesium	8840		mg/kg		50.4	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Magnesium	11800		mg/kg		52.9	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Magnesium	14000		mg/kg		51.9	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Manganese	511		mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Manganese	183		mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Manganese	339		mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Manganese	409		mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Manganese	270		mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Manganese	157		mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Manganese	376		mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Manganese	256		mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Manganese	151		mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Manganese	263		mg/kg		1	0.0131	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Manganese	323		mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Manganese	266		mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Manganese	344		mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Manganese	353		mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Manganese	290		mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Manganese	340		mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Manganese	270	J	mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Manganese	339	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Manganese	464	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Manganese	304	J	mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Manganese	198	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Manganese	430	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Manganese	270	J	mg/kg		1.1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Manganese	191	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Manganese	495	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Manganese	321	J	mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Manganese	169	J	mg/kg		1.1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Manganese	544	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Manganese	618	J	mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Manganese	566	J	mg/kg		1.1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Manganese	550	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Manganese	488	J	mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Manganese	641	J	mg/kg		1.1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Manganese	593	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Manganese	481	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Manganese	471	J	mg/kg		1.1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Manganese	489	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Manganese	503	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Manganese	369	J	mg/kg		1.1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Manganese	357		mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Manganese	308		mg/kg		1.3	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Manganese	400		mg/kg		1.1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Manganese	407	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Manganese	404		mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Manganese	397	J	mg/kg		1.1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Manganese	433	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Manganese	402	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Manganese	522	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Manganese	268	J	mg/kg		1.1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Manganese	398	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Manganese	387	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Manganese	553	J	mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Manganese	351	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Manganese	534	J	mg/kg		1	0.0131	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Manganese	478	J	mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Manganese	446	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Manganese	562	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Manganese	559	J	mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Manganese	432	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Manganese	506		mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Manganese	291		mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Manganese	452		mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Manganese	498	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Manganese	683		mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Manganese	462		mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Manganese	469		mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Manganese	366		mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Manganese	529		mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Manganese	414	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Manganese	430	J	mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Manganese	382	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Manganese	438	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Manganese	863	J	mg/kg		1.1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Manganese	605	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Manganese	434	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Manganese	350	J	mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Manganese	390	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Manganese	460	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Manganese	380	J	mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Manganese	499	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Manganese	282	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Manganese	383	J	mg/kg		1.1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Manganese	327	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Manganese	445	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Manganese	556	J	mg/kg		1.1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Manganese	465	J	mg/kg		1.1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Manganese	747		mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Manganese	302		mg/kg		1.1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Manganese	343		mg/kg		1.1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Manganese	678	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Manganese	312	J	mg/kg		1.1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Manganese	449	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Manganese	455	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Manganese	288	J	mg/kg		1.1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Manganese	287	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Mercury	0.023	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Mercury	0.01	J	mg/kg		0.034	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Mercury	0.0092	J	mg/kg		0.034	0.0072	10

**TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada**

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Mercury	0.033	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Mercury	0.015	J	mg/kg		0.034	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Mercury	0.0072	U	mg/kg		0.034	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Mercury	0.01	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Mercury	0.0072	U	mg/kg		0.034	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Mercury	0.0072	U	mg/kg		0.034	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Mercury	0.027	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Mercury	0.0072	U	mg/kg		0.034	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Mercury	0.0098	J	mg/kg		0.034	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Mercury	0.015	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Mercury	0.0072	U	mg/kg		0.034	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Mercury	0.012	J	mg/kg		0.034	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Mercury	0.014	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Mercury	0.0086	J	mg/kg		0.034	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Mercury	0.0072	U	mg/kg		0.034	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Mercury	0.0072	U	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Mercury	0.0072	U	mg/kg		0.034	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Mercury	0.0072	U	mg/kg		0.034	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Mercury	0.0072	U	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Mercury	0.0072	U	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Mercury	0.0072	U	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Mercury	0.0072	U	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Mercury	0.0072	U	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Mercury	0.0072	U	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Mercury	0.023	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Mercury	0.028	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Mercury	0.11		mg/kg		0.036	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Mercury	0.032	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Mercury	0.021	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Mercury	0.028	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Mercury	0.029	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Mercury	0.034		mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Mercury	0.03	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Mercury	0.028	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Mercury	0.033	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Mercury	0.034	J	mg/kg		0.036	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Mercury	0.021	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Mercury	0.0072	U	mg/kg		0.042	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Mercury	0.011	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Mercury	0.025	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Mercury	0.016	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Mercury	0.0084	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Mercury	0.01	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Mercury	0.021	J	mg/kg		0.034	0.0072	0

**TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada**

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Mercury	0.016	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Mercury	0.01	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Mercury	0.011	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Mercury	0.019	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Mercury	0.02	J	mg/kg		0.034	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Mercury	0.018	J	mg/kg		0.034	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Mercury	0.0093	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Mercury	0.023	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Mercury	0.014	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Mercury	0.012	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Mercury	0.012	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Mercury	0.011	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Mercury	0.0091	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Mercury	0.022	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Mercury	0.057		mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Mercury	0.02	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Mercury	0.0072	U	mg/kg		0.034	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Mercury	0.015	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Mercury	0.014	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Mercury	0.013	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Mercury	0.0072	U	mg/kg		0.034	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Mercury	0.022	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Mercury	0.014	J	mg/kg		0.034	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Mercury	0.012	J	mg/kg		0.034	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Mercury	0.038		mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Mercury	0.021	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Mercury	0.019	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Mercury	0.0098	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Mercury	0.0072	U	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Mercury	0.07		mg/kg		0.034	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Mercury	0.049		mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Mercury	0.027	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Mercury	0.013	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Mercury	0.082		mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Mercury	0.019	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Mercury	0.017	J	mg/kg		0.034	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Mercury	0.034		mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Mercury	0.027	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Mercury	0.011	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Mercury	0.0072	U	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Mercury	0.0072	U	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Mercury	0.0072	U	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Mercury	0.017	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Mercury	0.017	J	mg/kg		0.035	0.0072	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Mercury	0.014	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Mercury	0.034		mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Mercury	0.012	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Mercury	0.011	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Molybdenum	0.9	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Molybdenum	0.4	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Molybdenum	1.9		mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Molybdenum	0.75	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Molybdenum	0.64	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Molybdenum	0.33	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Molybdenum	0.72	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Molybdenum	0.35	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Molybdenum	0.43	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Molybdenum	0.47	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Molybdenum	0.53	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Molybdenum	0.51	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Molybdenum	0.61	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Molybdenum	2		mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Molybdenum	0.6	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Molybdenum	0.59	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Molybdenum	0.51	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Molybdenum	0.61	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Molybdenum	0.77	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Molybdenum	0.76	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Molybdenum	0.55	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Molybdenum	0.72	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Molybdenum	0.62	J	mg/kg		1.1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Molybdenum	0.78	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Molybdenum	0.7	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Molybdenum	0.58	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Molybdenum	0.51	J	mg/kg		1.1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Molybdenum	0.32	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Molybdenum	0.38	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Molybdenum	0.46	J	mg/kg		1.1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Molybdenum	0.32	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Molybdenum	0.3	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Molybdenum	0.6	J	mg/kg		1.1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Molybdenum	0.36	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Molybdenum	0.36	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Molybdenum	0.33	J	mg/kg		1.1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Molybdenum	0.41	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Molybdenum	0.39	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Molybdenum	0.51	J	mg/kg		1.1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Molybdenum	0.42	J	mg/kg		1	0.241	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Molybdenum	0.35	J	mg/kg		1.3	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Molybdenum	0.42	J	mg/kg		1.1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Molybdenum	0.36	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Molybdenum	0.42	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Molybdenum	0.37	J	mg/kg		1.1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Molybdenum	0.47	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Molybdenum	0.36	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Molybdenum	0.43	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Molybdenum	0.32	J	mg/kg		1.1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Molybdenum	0.58	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Molybdenum	0.43	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Molybdenum	0.73	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Molybdenum	0.63	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Molybdenum	0.64	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Molybdenum	0.49	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Molybdenum	0.38	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Molybdenum	0.57	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Molybdenum	0.52	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Molybdenum	0.38	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Molybdenum	0.84	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Molybdenum	0.37	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Molybdenum	0.68	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Molybdenum	0.53	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Molybdenum	0.51	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Molybdenum	0.39	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Molybdenum	0.79	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Molybdenum	0.42	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Molybdenum	0.47	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Molybdenum	0.48	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Molybdenum	0.58	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Molybdenum	0.56	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Molybdenum	0.38	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Molybdenum	1	J	mg/kg		1.1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Molybdenum	0.54	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Molybdenum	0.43	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Molybdenum	0.48	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Molybdenum	0.52	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Molybdenum	0.45	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Molybdenum	0.45	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Molybdenum	0.42	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Molybdenum	0.34	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Molybdenum	0.35	J	mg/kg		1.1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Molybdenum	0.45	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Molybdenum	0.51	J	mg/kg		1	0.241	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Molybdenum	0.55	J	mg/kg		1.1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Molybdenum	0.66	J	mg/kg		1.1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Molybdenum	0.77	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Molybdenum	0.41	J	mg/kg		1.1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Molybdenum	0.54	J	mg/kg		1.1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Molybdenum	0.62	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Molybdenum	0.49	J	mg/kg		1.1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Molybdenum	0.74	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Molybdenum	0.46	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Molybdenum	0.44	J	mg/kg		1.1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Molybdenum	0.45	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Nickel	20.9		mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Nickel	9.6		mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Nickel	11.3		mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Nickel	17.5		mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Nickel	11.4		mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Nickel	7.9	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Nickel	15	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Nickel	9.2	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Nickel	8	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Nickel	11.8		mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Nickel	10.6		mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Nickel	11.7		mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Nickel	16.3		mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Nickel	14.1		mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Nickel	11.1		mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Nickel	16		mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Nickel	10	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Nickel	12.8	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Nickel	17.1	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Nickel	13.2	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Nickel	9.7	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Nickel	15	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Nickel	10.6	J	mg/kg		1.1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Nickel	10.1	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Nickel	17.6	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Nickel	11.6	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Nickel	11.5	J	mg/kg		1.1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Nickel	16.8	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Nickel	18.7	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Nickel	18	J	mg/kg		1.1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Nickel	16.8	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Nickel	15.5	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Nickel	20.3	J	mg/kg		1.1	0.1295	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Nickel	30	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Nickel	15.3	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Nickel	19	J	mg/kg		1.1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Nickel	17.2	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Nickel	18.9	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Nickel	22.2	J	mg/kg		1.1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Nickel	17.5	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Nickel	16.4	J	mg/kg		1.3	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Nickel	17.6	J	mg/kg		1.1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Nickel	17.4	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Nickel	18.8	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Nickel	16.4		mg/kg		1.1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Nickel	22.1		mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Nickel	19.8	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Nickel	17.4		mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Nickel	14.8		mg/kg		1.1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Nickel	20.6		mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Nickel	15.4	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Nickel	15.6	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Nickel	15.2	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Nickel	19.4	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Nickel	17.2	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Nickel	15.2	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Nickel	16.6	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Nickel	16.3	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Nickel	17.9	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Nickel	20.2		mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Nickel	11		mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Nickel	13		mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Nickel	16.4	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Nickel	13		mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Nickel	15.5		mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Nickel	17.1		mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Nickel	12.1		mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Nickel	14.1		mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Nickel	20.6	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Nickel	19.5	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Nickel	20.2	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Nickel	15.8	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Nickel	19.7	J	mg/kg		1.1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Nickel	16	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Nickel	18.1	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Nickel	19.5	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Nickel	19.3	J	mg/kg		1	0.1295	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Nickel	25.9	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Nickel	17.5	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Nickel	19.1	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Nickel	27.8	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Nickel	18.1	J	mg/kg		1.1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Nickel	14.7	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Nickel	18.9	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Nickel	22.7	J	mg/kg		1.1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Nickel	22.1	J	mg/kg		1.1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Nickel	17.8	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Nickel	13.7	J	mg/kg		1.1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Nickel	16.6	J	mg/kg		1.1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Nickel	15.6		mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Nickel	15.5		mg/kg		1.1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Nickel	13.6		mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Nickel	13.8		mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Nickel	15.3		mg/kg		1.1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Nickel	13.8		mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Niobium	2	UJ-	mg/kg		10.2	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Niobium	1.2	UJ-	mg/kg		10.3	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Niobium	1.3	UJ-	mg/kg		10.2	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Niobium	1.3	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Niobium	1.5	UJ-	mg/kg		10.3	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Niobium	1.015	UJ-	mg/kg		10.2	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Niobium	1.7	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Niobium	1.015	UJ-	mg/kg		10.3	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Niobium	1.4	UJ-	mg/kg		10.3	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Niobium	1.015	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Niobium	1.4	UJ-	mg/kg		10.2	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Niobium	1.4	UJ-	mg/kg		10.2	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Niobium	1.015	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Niobium	2.8	UJ-	mg/kg		10.2	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Niobium	2	UJ-	mg/kg		10.2	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Niobium	1.015	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Niobium	1.8	UJ-	mg/kg		10.3	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Niobium	2	U	mg/kg		10.2	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Niobium	1.6	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Niobium	1.7	UJ-	mg/kg		10.2	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Niobium	1.3	UJ-	mg/kg		10.2	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Niobium	1.2	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Niobium	1.3	UJ-	mg/kg		10.5	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Niobium	1.015	UJ-	mg/kg		10.3	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Niobium	1.2	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Niobium	2.1	UJ-	mg/kg		10.4	1.015	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Niobium	1.6	UJ-	mg/kg		10.5	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Niobium	2.3	UJ-	mg/kg		10.2	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Niobium	1.6	UJ-	mg/kg		10.4	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Niobium	1.015	UJ-	mg/kg		10.7	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Niobium	1.015	UJ-	mg/kg		10.2	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Niobium	2.3	UJ-	mg/kg		10.4	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Niobium	1.6	UJ-	mg/kg		10.5	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Niobium	1.5	UJ-	mg/kg		10.2	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Niobium	2.8	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Niobium	1.1	UJ-	mg/kg		10.5	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Niobium	1.1	UJ-	mg/kg		10.4	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Niobium	1.3	UJ-	mg/kg		10.2	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Niobium	1.015	UJ-	mg/kg		10.8	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Niobium	1.6	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Niobium	1.015	UJ-	mg/kg		12.6	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Niobium	1.015	UJ-	mg/kg		10.6	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Niobium	2.3	UJ-	mg/kg		10.2	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Niobium	1.5	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Niobium	2.5	UJ-	mg/kg		10.5	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Niobium	1.7	UJ-	mg/kg		10.4	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Niobium	1.7	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Niobium	2.1	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Niobium	1.5	UJ-	mg/kg		10.6	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Niobium	1.015	UJ-	mg/kg		10.4	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Niobium	2.5	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Niobium	2.1	UJ-	mg/kg		10.2	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Niobium	1.5	UJ-	mg/kg		10.3	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Niobium	1.2	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Niobium	1.3	UJ-	mg/kg		10.4	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Niobium	1.015	UJ-	mg/kg		10.4	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Niobium	1.015	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Niobium	1.015	UJ-	mg/kg		10.4	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Niobium	1.015	UJ-	mg/kg		10.4	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Niobium	1.8	UJ-	mg/kg		10.2	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Niobium	1.3	UJ-	mg/kg		10.4	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Niobium	1.015	UJ-	mg/kg		10.4	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Niobium	1.015	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Niobium	2	UJ-	mg/kg		10.3	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Niobium	1.2	UJ-	mg/kg		10.4	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Niobium	1.015	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Niobium	1.015	UJ-	mg/kg		10.4	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Niobium	1.015	UJ-	mg/kg		10.3	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Niobium	1.2	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Niobium	2.1	UJ-	mg/kg		10.3	1.015	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Niobium	1.7	UJ-	mg/kg		10.3	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Niobium	1.2	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Niobium	1.3	UJ-	mg/kg		10.6	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Niobium	1.015	UJ-	mg/kg		10.4	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Niobium	1.2	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Niobium	1.015	UJ-	mg/kg		10.4	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Niobium	1.015	UJ-	mg/kg		10.3	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Niobium	1.8	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Niobium	1.2	UJ-	mg/kg		10.4	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Niobium	1.2	UJ-	mg/kg		10.5	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Niobium	1.4	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Niobium	1.015	UJ-	mg/kg		10.5	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Niobium	1.015	UJ-	mg/kg		10.3	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Niobium	2.5	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Niobium	1.4	UJ-	mg/kg		10.6	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Niobium	1.1	UJ-	mg/kg		10.5	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Niobium	1.3	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Niobium	1.015	UJ-	mg/kg		10.5	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Niobium	1.015	UJ-	mg/kg		10.6	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Niobium	1.3	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Niobium	1.8	UJ-	mg/kg		10.5	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Niobium	1.3	UJ-	mg/kg		10.4	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Niobium	1.015	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Niobium	1.4	UJ-	mg/kg		10.6	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Niobium	1.015	UJ-	mg/kg		10.4	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Nitrate (as NO3)	0.41	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Nitrate (as NO3)	6.7	J	mg/kg		0.21	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Nitrate (as NO3)	3.8	J	mg/kg		0.2	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Nitrate (as NO3)	0.1	UJ	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Nitrate (as NO3)	2.8	J	mg/kg		0.21	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Nitrate (as NO3)	0.58	J	mg/kg		0.2	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Nitrate (as NO3)	0.1	UJ	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Nitrate (as NO3)	0.63	J	mg/kg		0.21	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Nitrate (as NO3)	0.87	J	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Nitrate (as NO3)	0.31	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Nitrate (as NO3)	102	J	mg/kg		10.2	5.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Nitrate (as NO3)	42.1	J	mg/kg		2	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Nitrate (as NO3)	0.19	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Nitrate (as NO3)	75.8	J	mg/kg		2	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Nitrate (as NO3)	34.5	J	mg/kg		2	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Nitrate (as NO3)	0.37	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Nitrate (as NO3)	14.6	J	mg/kg		2.1	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Nitrate (as NO3)	2.1	J	mg/kg		0.2	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Nitrate (as NO3)	0.25	J	mg/kg		0.2	0.1	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Nitrate (as NO3)	26.1	J	mg/kg		2	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Nitrate (as NO3)	14.9	J	mg/kg		10.2	5.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Nitrate (as NO3)	0.1	UJ	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Nitrate (as NO3)	0.66	J	mg/kg		0.21	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Nitrate (as NO3)	2.9	J	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Nitrate (as NO3)	0.1	UJ	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Nitrate (as NO3)	86.2	J	mg/kg		10.4	5.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Nitrate (as NO3)	28.1	J	mg/kg		10.5	5.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Nitrate (as NO3)	0.1	UJ	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Nitrate (as NO3)	0.22	J	mg/kg		0.21	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Nitrate (as NO3)	3.4	J	mg/kg		0.21	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Nitrate (as NO3)	0.1	UJ	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Nitrate (as NO3)	0.35	J	mg/kg		0.21	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Nitrate (as NO3)	0.62	J	mg/kg		0.21	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Nitrate (as NO3)	0.1	UJ	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Nitrate (as NO3)	0.1	UJ	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Nitrate (as NO3)	0.71	J	mg/kg		0.21	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Nitrate (as NO3)	1	J	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Nitrate (as NO3)	3.3	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Nitrate (as NO3)	0.93	J	mg/kg		0.22	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Nitrate (as NO3)	0.1	UJ	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Nitrate (as NO3)	0.87	J	mg/kg		0.25	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Nitrate (as NO3)	0.9	J	mg/kg		0.21	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Nitrate (as NO3)	1.3	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Nitrate (as NO3)	0.51	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Nitrate (as NO3)	0.65	J	mg/kg		0.21	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Nitrate (as NO3)	1.5	J	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Nitrate (as NO3)	2.6	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Nitrate (as NO3)	0.25	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Nitrate (as NO3)	0.96	J	mg/kg		0.21	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Nitrate (as NO3)	1	J	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Nitrate (as NO3)	9		mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Nitrate (as NO3)	13.4		mg/kg		2	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Nitrate (as NO3)	2.3		mg/kg		2.1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Nitrate (as NO3)	0.1	U	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Nitrate (as NO3)	6.6		mg/kg		4.1	2.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Nitrate (as NO3)	0.85		mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Nitrate (as NO3)	0.14	B	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Nitrate (as NO3)	0.49		mg/kg		0.21	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Nitrate (as NO3)	0.13	B	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Nitrate (as NO3)	53.4	J	mg/kg		2	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Nitrate (as NO3)	34	J	mg/kg		10.4	5.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Nitrate (as NO3)	6.2	J	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Nitrate (as NO3)	0.28		mg/kg		0.2	0.1	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Nitrate (as NO3)	0.14	B	mg/kg		0.21	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Nitrate (as NO3)	0.99		mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Nitrate (as NO3)	0.47	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Nitrate (as NO3)	4.7	J	mg/kg		0.21	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Nitrate (as NO3)	1.5	J	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Nitrate (as NO3)	1.5		mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Nitrate (as NO3)	0.21		mg/kg		0.21	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Nitrate (as NO3)	6		mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Nitrate (as NO3)	0.28		mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Nitrate (as NO3)	2.3		mg/kg		0.21	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Nitrate (as NO3)	2.9		mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Nitrate (as NO3)	0.26		mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Nitrate (as NO3)	0.69		mg/kg		0.21	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Nitrate (as NO3)	1.4		mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Nitrate (as NO3)	9.3	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Nitrate (as NO3)	58.6	J	mg/kg		2.1	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Nitrate (as NO3)	20.8	J	mg/kg		2.1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Nitrate (as NO3)	0.1	UJ	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Nitrate (as NO3)	54.9	J	mg/kg		2.1	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Nitrate (as NO3)	10.4	J	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Nitrate (as NO3)	0.1	UJ	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Nitrate (as NO3)	1.8	J	mg/kg		0.21	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Nitrate (as NO3)	3.2	J	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Nitrate (as NO3)	0.18	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Nitrate (as NO3)	1.6	J	mg/kg		0.21	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Nitrate (as NO3)	0.67	J	mg/kg		0.21	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Nitrate (as NO3)	0.45	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Nitrate (as NO3)	0.69	J	mg/kg		0.21	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Nitrate (as NO3)	0.49	J	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Nitrate (as NO3)	0.57	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Nitrate (as NO3)	2.4	J	mg/kg		0.21	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Nitrate (as NO3)	0.64	J	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Nitrite	0.16	J	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Nitrite	0.061	UJ	mg/kg		0.21	0.063	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Nitrite	0.061	UJ	mg/kg		0.2	0.062	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Nitrite	0.061	UJ	mg/kg		0.2	0.061	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Nitrite	0.061	UJ	mg/kg		0.21	0.063	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Nitrite	0.061	UJ	mg/kg		0.2	0.062	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Nitrite	0.061	UJ	mg/kg		0.21	0.063	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Nitrite	0.061	UJ	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Nitrite	0.061	UJ	mg/kg		0.2	0.062	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Nitrite	0.061	UJ	mg/kg		0.2	0.062	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Nitrite	0.061	UJ	mg/kg		0.2	0.062	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Nitrite	0.061	UJ	mg/kg		0.2	0.062	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Nitrite	0.061	UJ	mg/kg		0.21	0.063	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Nitrite	0.061	UJ	mg/kg		0.2	0.062	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Nitrite	0.15	J	mg/kg		0.2	0.061	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Nitrite	0.061	UJ	mg/kg		0.2	0.062	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Nitrite	0.061	UJ	mg/kg		0.2	0.062	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Nitrite	0.21	J	mg/kg		0.2	0.061	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Nitrite	0.061	UJ	mg/kg		0.21	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Nitrite	0.061	UJ	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Nitrite	0.061	UJ	mg/kg		0.21	0.063	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Nitrite	0.061	UJ	mg/kg		0.21	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Nitrite	0.061	UJ	mg/kg		0.21	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Nitrite	0.061	UJ	mg/kg		0.21	0.065	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Nitrite	0.061	UJ	mg/kg		0.21	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Nitrite	0.061	UJ	mg/kg		0.21	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Nitrite	0.061	UJ	mg/kg		0.2	0.061	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Nitrite	0.061	UJ	mg/kg		0.21	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Nitrite	0.061	UJ	mg/kg		0.21	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Nitrite	0.061	UJ	mg/kg		0.22	0.066	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Nitrite	0.061	UJ	mg/kg		0.25	0.077	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Nitrite	0.061	UJ	mg/kg		0.21	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Nitrite	0.061	UJ	mg/kg		0.21	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Nitrite	0.061	UJ	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Nitrite	0.061	UJ	mg/kg		0.21	0.065	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Nitrite	0.061	UJ	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Nitrite	0.061	U	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Nitrite	0.061	U	mg/kg		2	0.62	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Nitrite	0.061	U	mg/kg		2.1	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Nitrite	0.061	U	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Nitrite	0.061	U	mg/kg		4.1	1.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Nitrite	0.061	U	mg/kg		0.21	0.063	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Nitrite	0.061	U	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Nitrite	0.061	U	mg/kg		0.21	0.063	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Nitrite	0.061	U	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Nitrite	0.061	UJ	mg/kg		0.21	0.063	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Nitrite	0.061	UJ	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Nitrite	0.061	U	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Nitrite	0.061	U	mg/kg		0.21	0.063	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Nitrite	0.061	U	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Nitrite	0.061	UJ	mg/kg		0.21	0.063	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Nitrite	0.061	UJ	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Nitrite	0.061	U	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Nitrite	0.061	U	mg/kg		0.21	0.063	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Nitrite	0.061	U	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Nitrite	0.075	B	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Nitrite	0.061	U	mg/kg		0.21	0.065	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Nitrite	0.061	U	mg/kg		0.21	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Nitrite	0.061	U	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Nitrite	0.061	U	mg/kg		0.21	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Nitrite	0.061	U	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Nitrite	0.15	J	mg/kg		0.2	0.061	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Nitrite	0.061	UJ	mg/kg		0.21	0.063	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Nitrite	0.061	UJ	mg/kg		0.21	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Nitrite	0.061	UJ	mg/kg		0.2	0.061	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Nitrite	0.061	UJ	mg/kg		0.21	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Nitrite	0.061	UJ	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Nitrite	0.061	UJ	mg/kg		0.21	0.065	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Nitrite	0.061	UJ	mg/kg		0.21	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Nitrite	0.061	UJ	mg/kg		0.21	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Nitrite	0.061	UJ	mg/kg		0.21	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Nitrite	0.061	UJ	mg/kg		0.21	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Nitrite	0.061	UJ	mg/kg		0.21	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Nitrite	0.061	UJ	mg/kg		0.2	0.061	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Nitrite	0.061	UJ	mg/kg		0.21	0.065	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Nitrite	0.061	UJ	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Palladium	0.31		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Palladium	0.42		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Palladium	0.8		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Palladium	0.23		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Palladium	0.55		mg/kg		0.1	0.0765	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Palladium	0.7		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Palladium	0.32		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Palladium	0.51		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Palladium	0.84		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Palladium	0.23		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Palladium	0.37		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Palladium	0.4		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Palladium	0.41		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Palladium	0.43		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Palladium	0.52		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Palladium	0.37		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Palladium	0.35		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Palladium	0.53		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Palladium	0.3		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Palladium	0.58		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Palladium	0.51		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Palladium	0.29		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Palladium	0.46		mg/kg		0.11	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Palladium	0.99		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Palladium	0.27		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Palladium	0.45		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Palladium	1.2		mg/kg		0.11	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Palladium	0.57		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Palladium	0.81		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Palladium	0.55		mg/kg		0.11	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Palladium	0.73		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Palladium	0.46		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Palladium	0.71		mg/kg		0.11	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Palladium	1.5		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Palladium	0.37		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Palladium	0.42		mg/kg		0.11	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Palladium	0.59		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Palladium	0.27		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Palladium	0.3		mg/kg		0.11	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Palladium	0.26		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Palladium	0.19		mg/kg		0.13	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Palladium	0.25		mg/kg		0.11	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Palladium	0.28		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Palladium	0.24		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Palladium	0.16		mg/kg		0.11	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Palladium	0.26		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Palladium	0.36		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Palladium	0.24		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Palladium	0.17		mg/kg		0.11	0.0765	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Palladium	0.25		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Palladium	0.36		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Palladium	0.72		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Palladium	0.77		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Palladium	0.38		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Palladium	0.84		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Palladium	0.88		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Palladium	0.48		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Palladium	0.68		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Palladium	0.88		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Palladium	0.42		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Palladium	0.47		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Palladium	0.58		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Palladium	0.25		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Palladium	0.32		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Palladium	0.86		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Palladium	0.24		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Palladium	0.5		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Palladium	0.91		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Palladium	0.26		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Palladium	0.3		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Palladium	0.5		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Palladium	0.21		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Palladium	0.34		mg/kg		0.11	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Palladium	0.35		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Palladium	0.27		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Palladium	0.34		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Palladium	0.39		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Palladium	0.45		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Palladium	0.55		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Palladium	0.33		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Palladium	0.3		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Palladium	0.62		mg/kg		0.11	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Palladium	0.29		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Palladium	0.45		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Palladium	0.5		mg/kg		0.11	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Palladium	0.49		mg/kg		0.11	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Palladium	0.34		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Palladium	0.52		mg/kg		0.11	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Palladium	1		mg/kg		0.11	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Palladium	0.29		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Palladium	0.4		mg/kg		0.11	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Palladium	0.84		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Palladium	0.27		mg/kg		0.1	0.0765	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Palladium	0.44		mg/kg		0.11	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Palladium	0.75		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Phosphorus (total)	1440		mg/kg		50.8	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Phosphorus (total)	938		mg/kg		51.6	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Phosphorus (total)	1120		mg/kg		51.1	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Phosphorus (total)	1250		mg/kg		50.3	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Phosphorus (total)	1020		mg/kg		51.4	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Phosphorus (total)	1030		mg/kg		51.1	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Phosphorus (total)	1280		mg/kg		50.7	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Phosphorus (total)	1330		mg/kg		51.6	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Phosphorus (total)	970		mg/kg		51.6	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Phosphorus (total)	1300		mg/kg		50.6	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Phosphorus (total)	1200		mg/kg		51.1	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Phosphorus (total)	1530		mg/kg		50.8	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Phosphorus (total)	1510		mg/kg		50.6	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Phosphorus (total)	1600		mg/kg		51.1	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Phosphorus (total)	1370		mg/kg		50.9	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Phosphorus (total)	1520		mg/kg		50.6	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Phosphorus (total)	1480		mg/kg		51.6	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Phosphorus (total)	1440		mg/kg		51	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Phosphorus (total)	1240		mg/kg		50.3	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Phosphorus (total)	1160		mg/kg		51.1	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Phosphorus (total)	1260		mg/kg		51.1	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Phosphorus (total)	1460		mg/kg		50.3	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Phosphorus (total)	1110		mg/kg		52.5	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Phosphorus (total)	1050		mg/kg		51.7	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Phosphorus (total)	1300		mg/kg		50.6	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Phosphorus (total)	1540		mg/kg		51.9	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Phosphorus (total)	862		mg/kg		52.3	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Phosphorus (total)	1810		mg/kg		50.8	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Phosphorus (total)	1900		mg/kg		52.2	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Phosphorus (total)	1800		mg/kg		53.3	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Phosphorus (total)	1990		mg/kg		50.8	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Phosphorus (total)	2010		mg/kg		52.1	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Phosphorus (total)	1960		mg/kg		52.5	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Phosphorus (total)	1890		mg/kg		50.8	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Phosphorus (total)	1730		mg/kg		50.4	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Phosphorus (total)	1870		mg/kg		52.6	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Phosphorus (total)	1800		mg/kg		52.2	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Phosphorus (total)	1620		mg/kg		50.8	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Phosphorus (total)	1810		mg/kg		54	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Phosphorus (total)	1580		mg/kg		50.6	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Phosphorus (total)	1820		mg/kg		63.1	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Phosphorus (total)	1690		mg/kg		52.8	1.913	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Phosphorus (total)	1590		mg/kg		51	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Phosphorus (total)	1590		mg/kg		50.7	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Phosphorus (total)	1730		mg/kg		52.5	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Phosphorus (total)	1520		mg/kg		51.8	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Phosphorus (total)	1630		mg/kg		50.7	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Phosphorus (total)	1710		mg/kg		50.5	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Phosphorus (total)	1670		mg/kg		53.1	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Phosphorus (total)	1650		mg/kg		51.8	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Phosphorus (total)	1410		mg/kg		50.6	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Phosphorus (total)	1590		mg/kg		51.2	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Phosphorus (total)	1440		mg/kg		51.3	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Phosphorus (total)	1460		mg/kg		50.5	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Phosphorus (total)	1550		mg/kg		51.8	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Phosphorus (total)	1450		mg/kg		51.8	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Phosphorus (total)	1550		mg/kg		50.6	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Phosphorus (total)	1490		mg/kg		52	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Phosphorus (total)	1640		mg/kg		51.8	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Phosphorus (total)	1340		mg/kg		50.7	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Phosphorus (total)	1020		mg/kg		51.9	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Phosphorus (total)	1150		mg/kg		52	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Phosphorus (total)	1340		mg/kg		50.5	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Phosphorus (total)	1500		mg/kg		51.4	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Phosphorus (total)	1370		mg/kg		52	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Phosphorus (total)	1280		mg/kg		50.5	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Phosphorus (total)	1300		mg/kg		51.9	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Phosphorus (total)	1320		mg/kg		51.7	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Phosphorus (total)	1830		mg/kg		50.4	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Phosphorus (total)	1820		mg/kg		51.7	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Phosphorus (total)	1640		mg/kg		51.6	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Phosphorus (total)	1720		mg/kg		50.6	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Phosphorus (total)	1780		mg/kg		53.1	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Phosphorus (total)	1880		mg/kg		52.2	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Phosphorus (total)	1830		mg/kg		50.6	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Phosphorus (total)	1810		mg/kg		52.2	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Phosphorus (total)	1660		mg/kg		51.6	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Phosphorus (total)	1760		mg/kg		50.3	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Phosphorus (total)	1230		mg/kg		52	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Phosphorus (total)	1420		mg/kg		52.2	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Phosphorus (total)	1220		mg/kg		50.3	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Phosphorus (total)	1060		mg/kg		52.3	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Phosphorus (total)	1240		mg/kg		51.4	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Phosphorus (total)	1540	J	mg/kg		50.7	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Phosphorus (total)	1460	J	mg/kg		53.1	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Phosphorus (total)	1880	J	mg/kg		52.5	1.913	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Phosphorus (total)	1530		mg/kg		50.4	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Phosphorus (total)	1200		mg/kg		52.7	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Phosphorus (total)	1070		mg/kg		52.8	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Phosphorus (total)	1610		mg/kg		50.5	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Phosphorus (total)	1170		mg/kg		52.6	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Phosphorus (total)	1030		mg/kg		52.1	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Phosphorus (total)	1470		mg/kg		50.4	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Phosphorus (total)	1190		mg/kg		52.9	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Phosphorus (total)	1090		mg/kg		51.9	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Platinum	0.0435	U	mg/kg		0.11	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Platinum	0.0435	U	mg/kg		0.11	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Platinum	0.0435	U	mg/kg		0.11	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Platinum	0.0435	U	mg/kg		0.11	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Platinum	0.0435	U	mg/kg		0.11	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Platinum	0.0435	U	mg/kg		0.11	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Platinum	0.0435	U	mg/kg		0.13	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Platinum	0.064	J	mg/kg		0.11	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Platinum	0.0435	U	mg/kg		0.11	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Platinum	0.0435	U	mg/kg		0.11	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Platinum	0.045	J	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Platinum	0.064	J	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Platinum	0.0435	U	mg/kg		0.11	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Platinum	0.0435	U	mg/kg		0.1	0.0435	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Platinum	0.082	J	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Platinum	0.099	J	mg/kg		0.11	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Platinum	0.0435	U	mg/kg		0.11	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Platinum	0.0435	U	mg/kg		0.11	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Platinum	0.0435	U	mg/kg		0.11	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Platinum	0.0435	U	mg/kg		0.11	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Platinum	0.0435	U	mg/kg		0.11	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Platinum	0.0435	U	mg/kg		0.11	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Polonium-210	0.8	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Polonium-210	1.04	U	pCi/g	0.99	1.9	1.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Polonium-210	0.7	U	pCi/g	1.4	2.6	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Polonium-210	1.6	U	pCi/g	1.4	2.6	2.6	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Polonium-210	1.2	U	pCi/g	1.3	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Polonium-210	0.5	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Polonium-210	0.9	U	pCi/g	1.4	2.5	2.5	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Polonium-210	1.6	U	pCi/g	1.4	2.7	2.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Polonium-210	0.7	U	pCi/g	1.4	2.5	2.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Polonium-210	1.9	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Polonium-210	0.3	U	pCi/g	1.3	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Polonium-210	1	U	pCi/g	1.1	1.7	1.7	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Polonium-210	1	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Polonium-210	1.4	U	pCi/g	1.3	2.4	2.4	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Polonium-210	0.6	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Polonium-210	-0.05	U	pCi/g	1.2	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Polonium-210	0.5	U	pCi/g	1.3	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Polonium-210	0.009	U	pCi/g	1.1	2	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Polonium-210	1.5	U	pCi/g	1.3	2.6	2.6	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Polonium-210	0.5	U	pCi/g	1.4	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Polonium-210	1.6	U	pCi/g	1.3	2.6	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Polonium-210	0.5	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Polonium-210	-0.3	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Polonium-210	0.3	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Polonium-210	2	U	pCi/g	1.4	2.8	2.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Polonium-210	0.1	U	pCi/g	1.1	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Polonium-210	1.1	U	pCi/g	1.3	2.3	2.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Polonium-210	0.8	U	pCi/g	1.2	2.3	2.3	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Polonium-210	-0.2	U	pCi/g	1	1.8	1.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Polonium-210	2.2		pCi/g	1.6	1.5	1.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Polonium-210	0.3	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Polonium-210	0.2	U	pCi/g	1.1	1.9	1.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Polonium-210	0.81	U	pCi/g	0.91	1.8	1.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Polonium-210	0.2	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Polonium-210	0.06	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Polonium-210	-0.3	U	pCi/g	0.94	1.7	1.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Polonium-210	-0.1	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Polonium-210	-0.3	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Polonium-210	0.8	U	pCi/g	1.4	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Polonium-210	1.7	U	pCi/g	1.1	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Polonium-210	1.7	U	pCi/g	1.2	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Polonium-210	0.09	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Polonium-210	0.4	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Polonium-210	0.4	U	pCi/g	1.1	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Polonium-210	0.36	U	pCi/g	0.98	1.8	1.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Polonium-210	0.3	U	pCi/g	1.4	2.5	2.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Polonium-210	0.7	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Polonium-210	0.7	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Polonium-210	-0.5	U	pCi/g	1.3	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Polonium-210	0.3	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Polonium-210	0.5	U	pCi/g	1.3	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Polonium-210	0.18	U	pCi/g	0.99	1.8	1.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Polonium-210	0.1	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Polonium-210	1.1	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Polonium-210	-0.1	U	pCi/g	1.2	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Polonium-210	0.2	U	pCi/g	1.1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Polonium-210	1.19	U	pCi/g	0.98	1.9	1.9	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Polonium-210	0.3	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Polonium-210	0.6	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Polonium-210	0.6	U	pCi/g	1.1	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Polonium-210	0.6	U	pCi/g	1.2	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Polonium-210	0.8	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Polonium-210	0.8	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Polonium-210	0.6	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Polonium-210	1.1	U	pCi/g	1.1	2	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Polonium-210	1.5	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Polonium-210	0.2	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Polonium-210	0.8	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Polonium-210	0.4	U	pCi/g	1.3	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Polonium-210	0.2	U	pCi/g	1.1	1.9	1.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Polonium-210	0.4	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Polonium-210	0.63	U	pCi/g	0.97	1.8	1.8	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Polonium-210	0.8	U	pCi/g	1.3	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Polonium-210	0.7	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Polonium-210	-0.002	U	pCi/g	1.2	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Polonium-210	0.2	U	pCi/g	1	1.9	1.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Polonium-210	1.2	U	pCi/g	1.2	2.4	2.4	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Polonium-210	0.8	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Polonium-210	-0.3	U	pCi/g	1.1	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Polonium-210	0.91	U	pCi/g	0.95	1.8	1.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Polonium-210	0.6	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Polonium-210	0.2	U	pCi/g	1.4	2.6	2.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Polonium-210	0.9	U	pCi/g	1.2	2.2	2.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Polonium-210	0.5	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Polonium-210	-0.1	U	pCi/g	1.2	2.1	2.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Polonium-210	1.3	U	pCi/g	0.98	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Polonium-210	1.1	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Polonium-210	0.33	U	pCi/g	0.97	1.8	1.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Polonium-210	0.7	U	pCi/g	1.2	2.2	2.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Polonium-210	0.6	U	pCi/g	1.3	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Polonium-210	-0.2	U	pCi/g	1.1	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Polonium-210	0.7	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Polonium-210	0.6	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Polonium-210	0.5	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Polonium-210	1.7	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Polonium-212	0.39	U	pCi/g	0.41	0.55	0.55	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Polonium-212	0.56		pCi/g	0.37	0.51	0.51	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Polonium-212	0.47	U	pCi/g	0.37	0.55	0.55	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Polonium-212	0.67	U	pCi/g	0.35	0.7	0.7	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Polonium-212	0.53	U	pCi/g	0.35	0.71	0.71	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Polonium-212	0.78		pCi/g	0.36	0.52	0.52	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Polonium-212	0.52		pCi/g	0.41	0.49	0.49	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Polonium-212	1.02		pCi/g	0.45	0.51	0.51	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Polonium-212	0.78	U	pCi/g	0.38	0.79	0.79	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Polonium-212	1.16		pCi/g	0.43	0.52	0.52	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Polonium-212	1.09		pCi/g	0.41	0.45	0.45	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Polonium-212	0.87		pCi/g	0.4	0.48	0.48	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Polonium-212	0.76		pCi/g	0.48	0.5	0.5	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Polonium-212	0.63		pCi/g	0.5	0.63	0.63	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Polonium-212	0.98		pCi/g	0.46	0.52	0.52	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Polonium-212	1.04		pCi/g	0.43	0.47	0.47	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Polonium-212	0.68		pCi/g	0.47	0.5	0.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Polonium-212	0.93		pCi/g	0.36	0.39	0.39	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Polonium-212	0.86		pCi/g	0.48	0.53	0.53	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Polonium-212	1.17		pCi/g	0.49	0.53	0.53	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Polonium-212	1.08		pCi/g	0.43	0.47	0.47	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Polonium-212	1.06		pCi/g	0.42	0.53	0.53	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Polonium-212	0.9		pCi/g	0.38	0.79	0.79	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Polonium-212	0.48	U	pCi/g	0.28	0.58	0.58	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Polonium-212	0.39	U	pCi/g	0.35	0.71	0.71	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Polonium-212	0.51		pCi/g	0.3	0.48	0.48	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Polonium-212	1.02		pCi/g	0.37	0.47	0.47	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Polonium-212	0.29	U	pCi/g	0.35	0.69	0.69	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Polonium-212	0.46		pCi/g	0.36	0.41	0.41	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Polonium-212	0.48	U	pCi/g	0.33	0.66	0.66	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Polonium-212	0.75		pCi/g	0.33	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Polonium-212	0.85		pCi/g	0.37	0.45	0.45	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Polonium-212	0.41	U	pCi/g	0.3	0.6	0.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Polonium-212	0.44	U	pCi/g	0.3	0.63	0.63	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Polonium-212	0.19	U	pCi/g	0.3	0.57	0.57	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Polonium-212	0.34	U	pCi/g	0.34	0.35	0.35	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Polonium-212	0.63		pCi/g	0.38	0.45	0.45	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Polonium-212	0.57		pCi/g	0.37	0.4	0.4	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Polonium-212	0.78		pCi/g	0.49	0.53	0.53	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Polonium-212	0.99		pCi/g	0.39	0.42	0.42	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Polonium-212	0.54	U	pCi/g	0.35	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Polonium-212	0.93		pCi/g	0.41	0.48	0.48	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Polonium-212	0.69		pCi/g	0.34	0.51	0.51	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Polonium-212	0.68	U	pCi/g	0.36	0.75	0.75	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Polonium-212	0.88		pCi/g	0.36	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Polonium-212	0.71		pCi/g	0.47	0.47	0.47	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Polonium-212	0.93		pCi/g	0.4	0.85	0.85	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Polonium-212	0.53		pCi/g	0.37	0.5	0.5	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Polonium-212	0.59		pCi/g	0.45	0.57	0.57	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Polonium-212	0.91		pCi/g	0.46	0.61	0.61	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Polonium-212	0.45	U	pCi/g	0.4	0.47	0.47	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Polonium-212	0.89		pCi/g	0.37	0.42	0.42	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Polonium-212	0.61	U	pCi/g	0.33	0.7	0.7	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Polonium-212	0.63		pCi/g	0.45	0.55	0.55	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Polonium-212	0.55	U	pCi/g	0.34	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Polonium-212	0.39	U	pCi/g	0.3	0.61	0.61	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Polonium-212	0.7		pCi/g	0.29	0.44	0.44	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Polonium-212	0.35	U	pCi/g	0.36	0.52	0.52	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Polonium-212	0.7		pCi/g	0.37	0.51	0.51	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Polonium-212	0.73	U	pCi/g	0.36	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Polonium-212	0.78	U	pCi/g	0.37	0.79	0.79	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Polonium-212	0.72		pCi/g	0.32	0.65	0.65	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Polonium-212	0.55		pCi/g	0.44	0.47	0.47	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Polonium-212	0.52		pCi/g	0.29	0.46	0.46	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Polonium-212	0.37	U	pCi/g	0.38	0.42	0.42	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Polonium-212	0.58	U	pCi/g	0.34	0.67	0.67	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Polonium-212	0.58	U	pCi/g	0.34	0.69	0.69	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Polonium-212	0.82		pCi/g	0.3	0.65	0.65	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Polonium-212	0.67		pCi/g	0.47	0.51	0.51	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Polonium-212	0.64		pCi/g	0.39	0.43	0.43	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Polonium-212	0.91		pCi/g	0.53	0.51	0.51	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Polonium-212	0.38	U	pCi/g	0.29	0.44	0.44	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Polonium-212	0.58		pCi/g	0.46	0.54	0.54	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Polonium-212	0.68		pCi/g	0.38	0.53	0.53	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Polonium-212	0.59	U	pCi/g	0.34	0.7	0.7	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Polonium-212	0.67		pCi/g	0.43	0.49	0.49	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Polonium-212	0.63		pCi/g	0.36	0.45	0.45	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Polonium-212	0.5		pCi/g	0.35	0.5	0.5	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Polonium-212	0.34	U	pCi/g	0.3	0.61	0.61	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Polonium-212	0.54		pCi/g	0.38	0.42	0.42	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Polonium-212	0.53		pCi/g	0.36	0.39	0.39	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Polonium-212	0.85		pCi/g	0.38	0.84	0.84	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Polonium-212	0.85		pCi/g	0.43	0.56	0.56	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Polonium-212	0.58		pCi/g	0.39	0.51	0.51	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Polonium-212	0.75		pCi/g	0.34	0.73	0.73	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Polonium-212	0.89		pCi/g	0.44	0.42	0.42	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Polonium-212	0.36	U	pCi/g	0.42	0.48	0.48	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Polonium-212	0.5	U	pCi/g	0.3	0.62	0.62	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Polonium-212	0.42	U	pCi/g	0.35	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Polonium-212	0.54		pCi/g	0.39	0.5	0.5	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Polonium-212	0.56	U	pCi/g	0.35	0.69	0.69	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Polonium-212	0.39	U	pCi/g	0.38	0.44	0.44	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Polonium-212	0.58		pCi/g	0.42	0.47	0.47	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Polonium-212	0.4	U	pCi/g	0.34	0.68	0.68	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Polonium-212	0.53		pCi/g	0.35	0.45	0.45	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Polonium-214	0.9		pCi/g	0.26	0.21	0.21	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Polonium-214	1.22		pCi/g	0.24	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Polonium-214	1.03		pCi/g	0.26	0.19	0.19	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Polonium-214	1.21		pCi/g	0.26	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Polonium-214	1.14		pCi/g	0.26	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Polonium-214	1.32		pCi/g	0.29	0.19	0.19	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Polonium-214	1.2		pCi/g	0.25	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Polonium-214	1.2		pCi/g	0.27	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Polonium-214	1.49		pCi/g	0.3	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Polonium-214	1.16		pCi/g	0.25	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Polonium-214	1.08		pCi/g	0.24	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Polonium-214	0.95		pCi/g	0.22	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Polonium-214	1.12		pCi/g	0.29	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Polonium-214	1.21		pCi/g	0.26	0.18	0.18	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Polonium-214	0.82		pCi/g	0.21	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Polonium-214	1.01		pCi/g	0.25	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Polonium-214	1.08		pCi/g	0.25	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Polonium-214	0.97		pCi/g	0.25	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Polonium-214	1.26		pCi/g	0.31	0.21	0.21	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Polonium-214	1.06		pCi/g	0.24	0.21	0.21	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Polonium-214	1.04		pCi/g	0.26	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Polonium-214	0.93		pCi/g	0.24	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Polonium-214	0.97		pCi/g	0.28	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Polonium-214	1.09		pCi/g	0.24	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Polonium-214	0.93		pCi/g	0.27	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Polonium-214	0.9		pCi/g	0.22	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Polonium-214	1.24		pCi/g	0.28	0.2	0.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Polonium-214	0.89		pCi/g	0.23	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Polonium-214	0.7		pCi/g	0.2	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Polonium-214	0.79		pCi/g	0.21	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Polonium-214	0.6		pCi/g	0.21	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Polonium-214	0.64		pCi/g	0.19	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Polonium-214	0.67		pCi/g	0.19	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Polonium-214	0.69		pCi/g	0.21	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Polonium-214	0.74		pCi/g	0.21	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Polonium-214	0.66		pCi/g	0.18	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Polonium-214	0.64		pCi/g	0.2	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Polonium-214	0.91		pCi/g	0.22	0.19	0.19	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Polonium-214	0.92		pCi/g	0.25	0.22	0.22	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Polonium-214	0.79		pCi/g	0.23	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Polonium-214	0.84		pCi/g	0.2	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Polonium-214	1.09		pCi/g	0.23	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Polonium-214	0.92		pCi/g	0.22	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Polonium-214	0.81		pCi/g	0.25	0.2	0.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Polonium-214	0.88		pCi/g	0.21	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Polonium-214	1.07		pCi/g	0.27	0.22	0.22	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Polonium-214	0.73		pCi/g	0.21	0.2	0.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Polonium-214	0.85		pCi/g	0.24	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Polonium-214	0.95		pCi/g	0.25	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Polonium-214	1.16		pCi/g	0.27	0.21	0.21	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Polonium-214	1.21		pCi/g	0.27	0.19	0.19	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Polonium-214	0.73		pCi/g	0.23	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Polonium-214	1.18		pCi/g	0.24	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Polonium-214	0.87		pCi/g	0.25	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Polonium-214	0.96		pCi/g	0.23	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Polonium-214	0.9		pCi/g	0.24	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Polonium-214	0.63		pCi/g	0.2	0.2	0.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Polonium-214	0.74		pCi/g	0.25	0.18	0.18	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Polonium-214	1.19		pCi/g	0.25	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Polonium-214	1.16		pCi/g	0.25	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Polonium-214	1.25		pCi/g	0.29	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Polonium-214	1.19		pCi/g	0.27	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Polonium-214	0.92		pCi/g	0.23	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Polonium-214	1.02		pCi/g	0.25	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Polonium-214	0.96		pCi/g	0.22	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Polonium-214	0.92		pCi/g	0.23	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Polonium-214	1.48		pCi/g	0.28	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Polonium-214	1.14		pCi/g	0.25	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Polonium-214	0.96		pCi/g	0.24	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Polonium-214	0.94		pCi/g	0.22	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Polonium-214	0.81		pCi/g	0.22	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Polonium-214	0.8		pCi/g	0.2	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Polonium-214	1.14		pCi/g	0.27	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Polonium-214	0.98		pCi/g	0.26	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Polonium-214	0.9		pCi/g	0.21	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Polonium-214	0.8		pCi/g	0.22	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Polonium-214	0.89		pCi/g	0.25	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Polonium-214	0.87		pCi/g	0.25	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Polonium-214	0.91		pCi/g	0.21	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Polonium-214	1.02		pCi/g	0.24	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Polonium-214	0.95		pCi/g	0.21	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Polonium-214	1.05		pCi/g	0.27	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Polonium-214	1		pCi/g	0.26	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Polonium-214	0.73		pCi/g	0.21	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Polonium-214	0.82		pCi/g	0.25	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Polonium-214	0.83		pCi/g	0.2	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Polonium-214	0.94		pCi/g	0.25	0.19	0.19	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Polonium-214	0.88		pCi/g	0.2	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Polonium-214	1.46		pCi/g	0.27	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Polonium-214	0.92		pCi/g	0.23	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Polonium-214	1.05		pCi/g	0.24	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Polonium-214	1.44		pCi/g	0.28	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Polonium-214	0.83		pCi/g	0.23	0.21	0.21	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Polonium-214	1.06		pCi/g	0.25	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Polonium-214	1.62		pCi/g	0.3	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Polonium-215	-0.19	U	pCi/g	0.46	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Polonium-215	-0.29	U	pCi/g	0.43	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Polonium-215	-0.41	U	pCi/g	0.45	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Polonium-215	0.1	U	pCi/g	0.48	0.85	0.85	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Polonium-215	-0.003	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Polonium-215	-0.36	U	pCi/g	0.46	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Polonium-215	-0.02	U	pCi/g	0.48	0.84	0.84	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Polonium-215	-0.17	U	pCi/g	0.51	0.87	0.87	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Polonium-215	0.24	U	pCi/g	0.52	0.93	0.93	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Polonium-215	0.34	U	pCi/g	0.44	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Polonium-215	0.14	U	pCi/g	0.47	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Polonium-215	-0.11	U	pCi/g	0.42	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Polonium-215	0.08	U	pCi/g	0.45	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Polonium-215	0.23	U	pCi/g	0.48	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Polonium-215	0.15	U	pCi/g	0.42	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Polonium-215	0.2	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Polonium-215	0.36	U	pCi/g	0.47	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Polonium-215	-0.09	U	pCi/g	0.43	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Polonium-215	0.38	U	pCi/g	0.52	0.97	0.97	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Polonium-215	-0.38	U	pCi/g	0.51	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Polonium-215	-0.19	U	pCi/g	0.45	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Polonium-215	0.27	U	pCi/g	0.45	0.82	0.82	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Polonium-215	0.02	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Polonium-215	-0.16	U	pCi/g	0.37	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Polonium-215	0.13	U	pCi/g	0.48	0.87	0.87	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Polonium-215	0.13	U	pCi/g	0.43	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Polonium-215	-0.27	U	pCi/g	0.48	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Polonium-215	-0.22	U	pCi/g	0.41	0.7	0.7	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Polonium-215	-0.11	U	pCi/g	0.36	0.62	0.62	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Polonium-215	-0.25	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Polonium-215	0.06	U	pCi/g	0.41	0.74	0.74	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Polonium-215	-0.15	U	pCi/g	0.39	0.66	0.66	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Polonium-215	0.12	U	pCi/g	0.34	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Polonium-215	-0.27	U	pCi/g	0.41	0.68	0.68	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Polonium-215	-0.42	U	pCi/g	0.42	0.66	0.66	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Polonium-215	0.15	U	pCi/g	0.38	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Polonium-215	0.04	U	pCi/g	0.44	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Polonium-215	0.36	U	pCi/g	0.41	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Polonium-215	0.3	U	pCi/g	0.52	0.95	0.95	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Polonium-215	0.23	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Polonium-215	0.13	U	pCi/g	0.45	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Polonium-215	-0.03	U	pCi/g	0.43	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Polonium-215	0.008	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Polonium-215	-0.05	U	pCi/g	0.41	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Polonium-215	-0.13	U	pCi/g	0.41	0.71	0.71	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Polonium-215	0.02	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Polonium-215	0.06	U	pCi/g	0.44	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Polonium-215	-0.28	U	pCi/g	0.46	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Polonium-215	0.21	U	pCi/g	0.47	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Polonium-215	-0.02	U	pCi/g	0.49	0.87	0.87	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Polonium-215	-0.29	U	pCi/g	0.51	0.84	0.84	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Polonium-215	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Polonium-215	-0.07	U	pCi/g	0.44	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Polonium-215	0.2	U	pCi/g	0.4	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Polonium-215	-0.02	U	pCi/g	0.42	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Polonium-215	0.11	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Polonium-215	-0.27	U	pCi/g	0.41	0.69	0.69	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Polonium-215	-0.32	U	pCi/g	0.43	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Polonium-215	-0.37	U	pCi/g	0.46	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Polonium-215	-0.13	U	pCi/g	0.45	0.78	0.78	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Polonium-215	0.12	U	pCi/g	0.46	0.84	0.84	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Polonium-215	-0.11	U	pCi/g	0.42	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Polonium-215	0.03	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Polonium-215	-0.05	U	pCi/g	0.38	0.68	0.68	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Polonium-215	-0.24	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Polonium-215	-0.18	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Polonium-215	-0.11	U	pCi/g	0.47	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Polonium-215	-0.12	U	pCi/g	0.4	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Polonium-215	0.13	U	pCi/g	0.44	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Polonium-215	-0.24	U	pCi/g	0.44	0.74	0.74	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Polonium-215	-0.17	U	pCi/g	0.49	0.83	0.83	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Polonium-215	-0.32	U	pCi/g	0.35	0.58	0.58	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Polonium-215	0.03	U	pCi/g	0.48	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Polonium-215	-0.27	U	pCi/g	0.45	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Polonium-215	0.14	U	pCi/g	0.46	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Polonium-215	0.13	U	pCi/g	0.42	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Polonium-215	0.37	U	pCi/g	0.49	0.91	0.91	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Polonium-215	-0.29	U	pCi/g	0.38	0.62	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Polonium-215	-0.52	U	pCi/g	0.47	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Polonium-215	0.31	U	pCi/g	0.4	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Polonium-215	-0.49	U	pCi/g	0.38	0.59	0.59	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Polonium-215	0.4	U	pCi/g	0.49	0.93	0.93	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Polonium-215	-0.33	U	pCi/g	0.44	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Polonium-215	-0.06	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Polonium-215	-0.29	U	pCi/g	0.47	0.77	0.77	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Polonium-215	-0.1	U	pCi/g	0.39	0.68	0.68	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Polonium-215	0.26	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Polonium-215	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Polonium-215	0.03	U	pCi/g	0.46	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Polonium-215	-0.15	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Polonium-215	0.06	U	pCi/g	0.42	0.75	0.75	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Polonium-215	-0.04	U	pCi/g	0.39	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Polonium-215	0.03	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Polonium-215	-0.2	U	pCi/g	0.51	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Polonium-215	-0.06	U	pCi/g	0.4	0.71	0.71	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Polonium-216	1.69		pCi/g	0.3	0.22	0.22	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Polonium-216	1.58		pCi/g	0.26	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Polonium-216	1.58		pCi/g	0.28	0.19	0.19	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Polonium-216	1.93		pCi/g	0.28	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Polonium-216	1.71		pCi/g	0.26	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Polonium-216	1.88		pCi/g	0.28	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Polonium-216	1.74		pCi/g	0.26	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Polonium-216	1.65		pCi/g	0.26	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Polonium-216	1.71		pCi/g	0.26	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Polonium-216	1.86		pCi/g	0.27	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Polonium-216	1.92		pCi/g	0.28	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Polonium-216	1.62		pCi/g	0.26	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Polonium-216	1.76		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Polonium-216	1.72		pCi/g	0.31	0.24	0.24	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Polonium-216	1.72		pCi/g	0.27	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Polonium-216	1.77		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Polonium-216	1.72		pCi/g	0.32	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Polonium-216	1.78		pCi/g	0.26	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Polonium-216	1.63		pCi/g	0.28	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Polonium-216	1.6		pCi/g	0.28	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Polonium-216	1.73		pCi/g	0.29	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Polonium-216	1.73		pCi/g	0.25	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Polonium-216	1.76		pCi/g	0.27	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Polonium-216	1.43		pCi/g	0.25	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Polonium-216	1.93		pCi/g	0.33	0.19	0.19	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Polonium-216	1.61		pCi/g	0.24	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Polonium-216	1.64		pCi/g	0.25	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Polonium-216	1.08		pCi/g	0.21	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Polonium-216	1.25		pCi/g	0.19	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Polonium-216	1.22		pCi/g	0.2	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Polonium-216	1.34		pCi/g	0.23	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Polonium-216	1.2		pCi/g	0.23	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Polonium-216	1.29		pCi/g	0.22	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Polonium-216	1.08		pCi/g	0.23	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Polonium-216	1.2		pCi/g	0.21	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Polonium-216	1.37		pCi/g	0.23	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Polonium-216	1.33		pCi/g	0.22	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Polonium-216	1.9		pCi/g	0.27	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Polonium-216	1.93		pCi/g	0.29	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Polonium-216	1.37		pCi/g	0.24	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Polonium-216	1.64		pCi/g	0.28	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Polonium-216	1.82		pCi/g	0.28	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Polonium-216	1.98		pCi/g	0.29	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Polonium-216	1.61		pCi/g	0.28	0.17	0.17	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Polonium-216	1.77		pCi/g	0.26	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Polonium-216	2.11		pCi/g	0.31	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Polonium-216	1.8		pCi/g	0.28	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Polonium-216	1.76		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Polonium-216	1.73		pCi/g	0.29	0.23	0.23	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Polonium-216	1.98		pCi/g	0.32	0.25	0.25	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Polonium-216	1.62		pCi/g	0.25	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Polonium-216	1.24		pCi/g	0.23	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Polonium-216	1.25		pCi/g	0.24	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Polonium-216	1.46		pCi/g	0.25	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Polonium-216	1.29		pCi/g	0.24	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Polonium-216	1.4		pCi/g	0.22	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Polonium-216	1.42		pCi/g	0.24	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Polonium-216	1.08		pCi/g	0.23	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Polonium-216	1.2		pCi/g	0.19	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Polonium-216	1.74		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Polonium-216	1.22		pCi/g	0.22	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Polonium-216	1.21		pCi/g	0.19	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Polonium-216	1.54		pCi/g	0.23	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Polonium-216	1.52		pCi/g	0.25	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Polonium-216	1.36		pCi/g	0.2	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Polonium-216	1.74		pCi/g	0.26	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Polonium-216	1.3		pCi/g	0.21	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Polonium-216	1.4		pCi/g	0.22	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Polonium-216	1.69		pCi/g	0.3	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Polonium-216	1.45		pCi/g	0.25	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Polonium-216	1.97		pCi/g	0.29	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Polonium-216	1.38		pCi/g	0.23	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Polonium-216	1.53		pCi/g	0.27	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Polonium-216	1.89		pCi/g	0.27	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Polonium-216	1.76		pCi/g	0.26	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Polonium-216	1.54		pCi/g	0.26	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Polonium-216	1.69		pCi/g	0.3	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Polonium-216	1.27		pCi/g	0.2	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Polonium-216	1.41		pCi/g	0.25	0.21	0.21	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Polonium-216	1.62		pCi/g	0.28	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Polonium-216	1.13		pCi/g	0.22	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Polonium-216	1.72		pCi/g	0.3	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Polonium-216	1.64		pCi/g	0.28	0.21	0.21	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Polonium-216	1.3		pCi/g	0.23	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Polonium-216	1.43		pCi/g	0.25	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Polonium-216	1.58		pCi/g	0.24	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Polonium-216	1.56		pCi/g	0.26	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Polonium-216	1.26		pCi/g	0.23	0.17	0.17	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Polonium-216	1.36		pCi/g	0.24	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Polonium-216	1.49		pCi/g	0.26	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Polonium-216	1.75		pCi/g	0.26	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Polonium-216	1.45		pCi/g	0.22	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Polonium-216	1.44		pCi/g	0.24	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Polonium-216	1.65		pCi/g	0.25	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Polonium-216	1.51		pCi/g	0.23	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Polonium-218	1.58	J	pCi/g	0.21		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Polonium-218	1.32		pCi/g	0.17		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Polonium-218	1.5		pCi/g	0.18		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Polonium-218	0.968	J	pCi/g	0.12		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Polonium-218	1.15	J	pCi/g	0.15		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Polonium-218	2.1	J	pCi/g	0.26		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Polonium-218	0.855	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Polonium-218	1.54		pCi/g	0.2		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Polonium-218	2.36		pCi/g	0.3		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Polonium-218	1.2		pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Polonium-218	1.15		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Polonium-218	1.07	J	pCi/g	0.14		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Polonium-218	0.945	J	pCi/g	0.13		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Polonium-218	0.965	J	pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Polonium-218	1.03	J	pCi/g	0.14		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Polonium-218	1.06	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Polonium-218	1.37		pCi/g	0.18		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Polonium-218	1.27		pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Polonium-218	1.18		pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Polonium-218	0.952	J	pCi/g	0.12		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Polonium-218	1.22	J	pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Polonium-218	1.57		pCi/g	0.18		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Polonium-218	1.02		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Polonium-218	1.23		pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Polonium-218	1.26		pCi/g	0.17		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Polonium-218	1.09		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Polonium-218	1.32		pCi/g	0.17		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Polonium-218	1.03	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Polonium-218	0.577	J	pCi/g	0.1		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Polonium-218	0.507	J	pCi/g	0.095		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Polonium-218	0.893	J	pCi/g	0.13		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Polonium-218	1.04	J	pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Polonium-218	0.635	J	pCi/g	0.1		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Polonium-218	0.494	J	pCi/g	0.097		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Polonium-218	0.595	J	pCi/g	0.1		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Polonium-218	0.817	J	pCi/g	0.11		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Polonium-218	0.925	J	pCi/g	0.14		1	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Polonium-218	0.714	J	pCi/g	0.1		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Polonium-218	1.15		pCi/g	0.15		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Polonium-218	1.36		pCi/g	0.19		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Polonium-218	1.12		pCi/g	0.17		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Polonium-218	1.28		pCi/g	0.17		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Polonium-218	0.879	J	pCi/g	0.12		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Polonium-218	1.12		pCi/g	0.16		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Polonium-218	1.22		pCi/g	0.18		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Polonium-218	0.978	U	pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Polonium-218	1.05		pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Polonium-218	0.977	U	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Polonium-218	1.07		pCi/g	0.16		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Polonium-218	0.939	U	pCi/g	0.13		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Polonium-218	1.06	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Polonium-218	1.18	J	pCi/g	0.16		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Polonium-218	1.53	J	pCi/g	0.19		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Polonium-218	1.02		pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Polonium-218	1.09	J	pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Polonium-218	0.984	J	pCi/g	0.12		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Polonium-218	0.693	J	pCi/g	0.1		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Polonium-218	0.807	J	pCi/g	0.11		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Polonium-218	1.34		pCi/g	0.16		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Polonium-218	1.27		pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Polonium-218	1.38		pCi/g	0.16		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Polonium-218	1.79		pCi/g	0.2		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Polonium-218	0.968	J	pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Polonium-218	0.773	J	pCi/g	0.12		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Polonium-218	1.7		pCi/g	0.22		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Polonium-218	1.22	J	pCi/g	0.17		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Polonium-218	1.82	J	pCi/g	0.22		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Polonium-218	1.91	J	pCi/g	0.23		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Polonium-218	0.89	J	pCi/g	0.11		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Polonium-218	1.2		pCi/g	0.15		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Polonium-218	0.833	J	pCi/g	0.11		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Polonium-218	0.96	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Polonium-218	1.46		pCi/g	0.18		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Polonium-218	1.11		pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Polonium-218	0.987	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Polonium-218	1.07		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Polonium-218	1.13		pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Polonium-218	0.792	J	pCi/g	0.11		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Polonium-218	0.865	J	pCi/g	0.13		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Polonium-218	1.13		pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Polonium-218	0.877	J	pCi/g	0.12		1	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Polonium-218	0.784	J	pCi/g	0.13		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Polonium-218	1.54		pCi/g	0.19		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Polonium-218	1.14	J	pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Polonium-218	0.97	J	pCi/g	0.13		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Polonium-218	0.938	J	pCi/g	0.12		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Polonium-218	1.16	J	pCi/g	0.16		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Polonium-218	1.24		pCi/g	0.17		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Polonium-218	1.65		pCi/g	0.22		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Polonium-218	1.13		pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Polonium-218	1.13		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Polonium-218	1.96	J	pCi/g	0.21		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Polonium-218	0.999	U	pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Polonium-218	1.06		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Polonium-218	1.87		pCi/g	0.22		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Potassium	3590		mg/kg		50.8	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Potassium	2020		mg/kg		51.6	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Potassium	2250		mg/kg		51.1	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Potassium	3250		mg/kg		50.3	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Potassium	2370		mg/kg		51.4	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Potassium	1160	J	mg/kg		51.1	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Potassium	3150	J	mg/kg		50.7	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Potassium	1720	J	mg/kg		51.6	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Potassium	1310	J	mg/kg		51.6	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Potassium	2230		mg/kg		50.6	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Potassium	2370		mg/kg		51.1	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Potassium	1890		mg/kg		50.8	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Potassium	3510		mg/kg		50.6	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Potassium	2660		mg/kg		51.1	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Potassium	2010		mg/kg		50.9	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Potassium	3410		mg/kg		50.6	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Potassium	2050		mg/kg		51.6	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Potassium	2270		mg/kg		51	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Potassium	3140		mg/kg		50.3	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Potassium	3260		mg/kg		51.1	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Potassium	1480		mg/kg		51.1	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Potassium	2970		mg/kg		50.3	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Potassium	2390		mg/kg		52.5	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Potassium	1780		mg/kg		51.7	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Potassium	3890		mg/kg		50.6	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Potassium	2520		mg/kg		51.9	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Potassium	1810		mg/kg		52.3	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Potassium	1500	J	mg/kg		50.8	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Potassium	1490	J	mg/kg		52.2	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Potassium	1180	J	mg/kg		53.3	2.079	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Potassium	1540	J	mg/kg		50.8	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Potassium	1060	J	mg/kg		52.1	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Potassium	1360	J	mg/kg		52.5	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Potassium	1820	J	mg/kg		50.8	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Potassium	1720		mg/kg		50.4	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Potassium	1210	J	mg/kg		52.6	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Potassium	1250	J	mg/kg		52.2	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Potassium	1770	J	mg/kg		50.8	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Potassium	1750	J	mg/kg		54	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Potassium	1940	J	mg/kg		50.6	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Potassium	872	J	mg/kg		63.1	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Potassium	918	J	mg/kg		52.8	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Potassium	1530	J	mg/kg		51	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Potassium	1870	J	mg/kg		50.7	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Potassium	989		mg/kg		52.5	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Potassium	1190		mg/kg		51.8	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Potassium	1830	J	mg/kg		50.7	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Potassium	1580		mg/kg		50.5	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Potassium	877		mg/kg		53.1	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Potassium	1160		mg/kg		51.8	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Potassium	2350	J	mg/kg		50.6	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Potassium	1350	J	mg/kg		51.2	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Potassium	879	J	mg/kg		51.3	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Potassium	2740	J	mg/kg		50.5	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Potassium	1310	J	mg/kg		51.8	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Potassium	898	J	mg/kg		51.8	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Potassium	2400	J	mg/kg		50.6	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Potassium	1160	J	mg/kg		52	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Potassium	792	J	mg/kg		51.8	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Potassium	3650		mg/kg		50.7	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Potassium	1120		mg/kg		51.9	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Potassium	625		mg/kg		52	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Potassium	2760	J	mg/kg		50.5	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Potassium	1390		mg/kg		51.4	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Potassium	769		mg/kg		52	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Potassium	2720		mg/kg		50.5	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Potassium	1080		mg/kg		51.9	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Potassium	649		mg/kg		51.7	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Potassium	1890	J	mg/kg		50.4	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Potassium	1240	J	mg/kg		51.7	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Potassium	1350	J	mg/kg		51.6	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Potassium	1240	J	mg/kg		50.6	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Potassium	1350	J	mg/kg		53.1	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Potassium	1140	J	mg/kg		52.2	2.079	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Potassium	1580	J	mg/kg		50.6	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Potassium	1480	J	mg/kg		52.2	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Potassium	1250	J	mg/kg		51.6	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Potassium	1580	J	mg/kg		50.3	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Potassium	2110	J	mg/kg		52	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Potassium	1380	J	mg/kg		52.2	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Potassium	1420	J	mg/kg		50.3	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Potassium	2340	J	mg/kg		52.3	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Potassium	1410	J	mg/kg		51.4	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Potassium	1800	J	mg/kg		50.7	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Potassium	2080	J	mg/kg		53.1	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Potassium	1300	J	mg/kg		52.5	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Potassium	1830	J	mg/kg		50.4	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Potassium	982	J	mg/kg		52.7	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Potassium	1170	J	mg/kg		52.8	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Potassium	1710		mg/kg		50.5	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Potassium	1050		mg/kg		52.6	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Potassium	866		mg/kg		52.1	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Potassium	1620		mg/kg		50.4	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Potassium	1030		mg/kg		52.9	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Potassium	966		mg/kg		51.9	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Potassium-40	24.5		pCi/g	3.7	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Potassium-40	25.4		pCi/g	3.6	5.5	5.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Potassium-40	24.7		pCi/g	3.7	0.5	0.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Potassium-40	23.3		pCi/g	3.8	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Potassium-40	30.5		pCi/g	4.3	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Potassium-40	25.8		pCi/g	3.8	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Potassium-40	20.9		pCi/g	3.6	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Potassium-40	27.9		pCi/g	4.1	0.6	0.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Potassium-40	23.4		pCi/g	3.8	1.2	1.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Potassium-40	25.9		pCi/g	3.8	0.9	0.9	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Potassium-40	27		pCi/g	4	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Potassium-40	24.5		pCi/g	3.4	5.2	5.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Potassium-40	24.2		pCi/g	3.9	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Potassium-40	26.2		pCi/g	3.9	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Potassium-40	25.6		pCi/g	3.7	1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Potassium-40	24.5		pCi/g	4	1.3	1.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Potassium-40	28.5		pCi/g	4.3	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Potassium-40	27		pCi/g	3.8	5.7	5.7	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Potassium-40	25		pCi/g	3.8	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Potassium-40	30.4		pCi/g	4.4	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Potassium-40	26		pCi/g	3.9	1.2	1.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Potassium-40	24.4		pCi/g	3.6	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Potassium-40	26.5		pCi/g	3.9	0.6	0.6	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Potassium-40	21		pCi/g	3.1	5	5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Potassium-40	23.7		pCi/g	3.9	1.3	1.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Potassium-40	26		pCi/g	3.8	0.6	0.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Potassium-40	22.6		pCi/g	3.6	1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Potassium-40	22		pCi/g	3.4	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Potassium-40	21.9		pCi/g	3.1	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Potassium-40	24.5		pCi/g	3.5	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Potassium-40	22.5		pCi/g	3.5	1.2	1.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Potassium-40	21.8		pCi/g	3.3	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Potassium-40	24.1		pCi/g	3.4	0.7	0.7	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Potassium-40	24		pCi/g	3.6	0.5	0.5	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Potassium-40	22.8		pCi/g	3.5	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Potassium-40	24.1		pCi/g	3.5	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Potassium-40	22		pCi/g	3.3	1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Potassium-40	25.6		pCi/g	3.7	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Potassium-40	22		pCi/g	3.6	1.2	1.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Potassium-40	24		pCi/g	3.4	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Potassium-40	25.1		pCi/g	3.7	1	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Potassium-40	25.1		pCi/g	3.6	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Potassium-40	27.5		pCi/g	4	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Potassium-40	23.5		pCi/g	3.6	1.4	1.4	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Potassium-40	23.4		pCi/g	3.4	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Potassium-40	27.2		pCi/g	4.2	1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Potassium-40	25		pCi/g	3.9	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Potassium-40	25		pCi/g	3.7	0.9	0.9	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Potassium-40	23.9		pCi/g	3.6	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Potassium-40	28.1		pCi/g	4.1	0.9	0.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Potassium-40	22.4		pCi/g	3.6	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Potassium-40	23		pCi/g	3.3	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Potassium-40	23.2		pCi/g	3.5	0.9	0.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Potassium-40	24.6		pCi/g	3.7	0.9	0.9	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Potassium-40	20.6		pCi/g	3.3	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Potassium-40	22.4		pCi/g	3.4	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Potassium-40	21.4		pCi/g	3.1	5.1	5.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Potassium-40	22.2		pCi/g	3.5	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Potassium-40	23.4		pCi/g	3.5	0.9	0.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Potassium-40	24.1		pCi/g	3.5	5.6	5.6	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Potassium-40	17.8		pCi/g	3.1	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Potassium-40	24.3		pCi/g	3.5	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Potassium-40	27.9		pCi/g	4	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Potassium-40	28.2		pCi/g	4.1	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Potassium-40	21.8		pCi/g	3.4	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Potassium-40	27.7		pCi/g	4	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Potassium-40	24.1		pCi/g	3.7	1	1	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Potassium-40	21.8		pCi/g	3.2	5.1	5.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Potassium-40	27		pCi/g	4	0.7	0.7	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Potassium-40	24.5		pCi/g	3.5	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Potassium-40	23.1		pCi/g	3.5	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Potassium-40	22.2		pCi/g	3.3	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Potassium-40	24.2		pCi/g	3.6	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Potassium-40	26.6		pCi/g	3.8	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Potassium-40	24.4		pCi/g	3.7	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Potassium-40	25.3		pCi/g	3.6	5.4	5.4	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Potassium-40	25.8		pCi/g	3.8	0.7	0.7	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Potassium-40	20.3		pCi/g	3.5	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Potassium-40	22.2		pCi/g	3.4	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Potassium-40	25.8		pCi/g	3.6	0.6	0.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Potassium-40	21.5		pCi/g	3.5	0.9	0.9	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Potassium-40	22.8		pCi/g	3.8	1.2	1.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Potassium-40	27		pCi/g	4	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Potassium-40	23.7		pCi/g	3.6	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Potassium-40	22.9		pCi/g	3.6	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Potassium-40	21.9		pCi/g	3.2	0.7	0.7	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Potassium-40	22.6		pCi/g	3.5	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Potassium-40	20.9		pCi/g	3.3	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Potassium-40	18.4		pCi/g	3.1	1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Potassium-40	23.7		pCi/g	3.6	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Potassium-40	23.2		pCi/g	3.6	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Potassium-40	19.6		pCi/g	3	0.7	0.7	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Potassium-40	23.9		pCi/g	3.5	0.7	0.7	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Potassium-40	22.6		pCi/g	3.4	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Potassium-40	21		pCi/g	3.2	0.9	0.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Protactinium-234	0.04	U	pCi/g	0.17	0.3	0.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Protactinium-234	-0.17	U	pCi/g	0.15	0.24	0.24	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Protactinium-234	-0.03	U	pCi/g	0.17	0.29	0.29	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Protactinium-234	-0.09	U	pCi/g	0.17	0.28	0.28	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Protactinium-234	0.006	U	pCi/g	0.18	0.31	0.31	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Protactinium-234	0.13	U	pCi/g	0.17	0.27	0.27	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Protactinium-234	-0.11	U	pCi/g	0.16	0.28	0.28	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Protactinium-234	-0.17	U	pCi/g	0.19	0.3	0.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Protactinium-234	-0.04	U	pCi/g	0.18	0.3	0.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Protactinium-234	-0.14	U	pCi/g	0.15	0.25	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Protactinium-234	0.004	U	pCi/g	0.18	0.3	0.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Protactinium-234	-0.001	U	pCi/g	0.16	0.24	0.24	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Protactinium-234	-0.13	U	pCi/g	0.16	0.26	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Protactinium-234	-0.12	U	pCi/g	0.19	0.31	0.31	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Protactinium-234	-0.19	U	pCi/g	0.14	0.23	0.23	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Protactinium-234	-0.05	U	pCi/g	0.15	0.26	0.26	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Protactinium-234	-0.15	U	pCi/g	0.18	0.3	0.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Protactinium-234	-0.03	U	pCi/g	0.16	0.25	0.25	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Protactinium-234	-0.11	U	pCi/g	0.18	0.3	0.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Protactinium-234	-0.02	U	pCi/g	0.19	0.34	0.34	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Protactinium-234	-0.03	U	pCi/g	0.18	0.31	0.31	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Protactinium-234	-0.21	U	pCi/g	0.15	0.25	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Protactinium-234	-0.09	U	pCi/g	0.17	0.29	0.29	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Protactinium-234	-0.01	U	pCi/g	0.15	0.26	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Protactinium-234	0.09	U	pCi/g	0.2	0.31	0.31	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Protactinium-234	-0.14	U	pCi/g	0.15	0.25	0.25	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Protactinium-234	-0.05	U	pCi/g	0.17	0.29	0.29	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Protactinium-234	-0.23	U	pCi/g	0.16	0.24	0.24	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Protactinium-234	-0.16	U	pCi/g	0.13	0.21	0.21	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Protactinium-234	-0.11	U	pCi/g	0.13	0.22	0.22	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Protactinium-234	-0.18	U	pCi/g	0.15	0.24	0.24	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Protactinium-234	0.007	U	pCi/g	0.15	0.26	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Protactinium-234	-0.09	U	pCi/g	0.13	0.21	0.21	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Protactinium-234	-0.03	U	pCi/g	0.17	0.29	0.29	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Protactinium-234	-0.01	U	pCi/g	0.15	0.27	0.27	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Protactinium-234	-0.07	U	pCi/g	0.13	0.23	0.23	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Protactinium-234	-0.04	U	pCi/g	0.15	0.26	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Protactinium-234	-0.18	U	pCi/g	0.14	0.23	0.23	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Protactinium-234	0.05	U	pCi/g	0.19	0.34	0.34	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Protactinium-234	0.12	U	pCi/g	0.17	0.26	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Protactinium-234	-0.005	U	pCi/g	0.16	0.29	0.29	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Protactinium-234	-0.04	U	pCi/g	0.17	0.25	0.25	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Protactinium-234	-0.21	U	pCi/g	0.16	0.25	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Protactinium-234	-0.27	U	pCi/g	0.17	0.26	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Protactinium-234	-0.02	U	pCi/g	0.16	0.24	0.24	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Protactinium-234	-0.25	U	pCi/g	0.18	0.28	0.28	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Protactinium-234	-0.07	U	pCi/g	0.17	0.29	0.29	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Protactinium-234	-0.07	U	pCi/g	0.15	0.25	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Protactinium-234	-0.31	U	pCi/g	0.18	0.27	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Protactinium-234	-0.08	U	pCi/g	0.18	0.31	0.31	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Protactinium-234	0.004	U	pCi/g	0.17	0.3	0.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Protactinium-234	-0.06	U	pCi/g	0.14	0.21	0.21	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Protactinium-234	-0.17	U	pCi/g	0.17	0.27	0.27	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Protactinium-234	-0.15	U	pCi/g	0.16	0.26	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Protactinium-234	-0.06	U	pCi/g	0.16	0.27	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Protactinium-234	0.03	U	pCi/g	0.16	0.27	0.27	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Protactinium-234	-0.07	U	pCi/g	0.14	0.24	0.24	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Protactinium-234	-0.1	U	pCi/g	0.16	0.26	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Protactinium-234	-0.08	U	pCi/g	0.15	0.26	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Protactinium-234	-0.14	U	pCi/g	0.15	0.26	0.26	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Protactinium-234	-0.08	U	pCi/g	0.16	0.27	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Protactinium-234	0.01	U	pCi/g	0.15	0.25	0.25	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Protactinium-234	-0.04	U	pCi/g	0.14	0.25	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Protactinium-234	0.06	U	pCi/g	0.17	0.26	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Protactinium-234	-0.07	U	pCi/g	0.14	0.24	0.24	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Protactinium-234	-0.16	U	pCi/g	0.16	0.26	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Protactinium-234	-0.11	U	pCi/g	0.16	0.27	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Protactinium-234	0.12	U	pCi/g	0.16	0.25	0.25	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Protactinium-234	-0.34	U	pCi/g	0.18	0.26	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Protactinium-234	0.06	U	pCi/g	0.16	0.25	0.25	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Protactinium-234	-0.15	U	pCi/g	0.18	0.29	0.29	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Protactinium-234	0.07	U	pCi/g	0.15	0.23	0.23	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Protactinium-234	-0.11	U	pCi/g	0.17	0.29	0.29	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Protactinium-234	-0.1	U	pCi/g	0.15	0.25	0.25	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Protactinium-234	0.03	U	pCi/g	0.19	0.28	0.28	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Protactinium-234	-0.16	U	pCi/g	0.14	0.23	0.23	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Protactinium-234	-0.24	U	pCi/g	0.17	0.26	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Protactinium-234	-0.14	U	pCi/g	0.14	0.22	0.22	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Protactinium-234	0.03	U	pCi/g	0.17	0.3	0.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Protactinium-234	-0.12	U	pCi/g	0.14	0.23	0.23	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Protactinium-234	-0.09	U	pCi/g	0.13	0.22	0.22	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Protactinium-234	-0.29	U	pCi/g	0.18	0.27	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Protactinium-234	0.13	U	pCi/g	0.18	0.28	0.28	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Protactinium-234	0.01	U	pCi/g	0.15	0.26	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Protactinium-234	-0.1	U	pCi/g	0.16	0.27	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Protactinium-234	-0.03	U	pCi/g	0.16	0.23	0.23	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Protactinium-234	-0.11	U	pCi/g	0.18	0.26	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Protactinium-234	-0.14	U	pCi/g	0.16	0.22	0.22	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Protactinium-234	0.01	U	pCi/g	0.17	0.29	0.29	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Protactinium-234	-0.08	U	pCi/g	0.16	0.26	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Protactinium-234	0.03	U	pCi/g	0.17	0.26	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Protactinium-234	-0.09	U	pCi/g	0.16	0.23	0.23	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Protactinium-234	-0.17	U	pCi/g	0.16	0.25	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Protactinium-234	-0.17	U	pCi/g	0.17	0.27	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Protactinium-234	-0.11	U	pCi/g	0.15	0.25	0.25	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Radium-226	1.58	J	pCi/g	0.21		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Radium-226	1.32		pCi/g	0.17		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Radium-226	1.5		pCi/g	0.18		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Radium-226	0.968	J	pCi/g	0.12		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Radium-226	1.15	J	pCi/g	0.15		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Radium-226	2.1	J	pCi/g	0.26		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Radium-226	0.855	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Radium-226	1.54		pCi/g	0.2		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Radium-226	2.36		pCi/g	0.3		1	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Radium-226	1.2		pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Radium-226	1.15		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Radium-226	1.07	J	pCi/g	0.14		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Radium-226	0.945	J	pCi/g	0.13		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Radium-226	0.965	J	pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Radium-226	1.03	J	pCi/g	0.14		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Radium-226	1.06	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Radium-226	1.37		pCi/g	0.18		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Radium-226	1.27		pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Radium-226	1.18		pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Radium-226	0.952	J	pCi/g	0.12		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Radium-226	1.22	J	pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Radium-226	1.57		pCi/g	0.18		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Radium-226	1.02		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Radium-226	1.23		pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Radium-226	1.26		pCi/g	0.17		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Radium-226	1.09		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Radium-226	1.32		pCi/g	0.17		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Radium-226	1.03	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Radium-226	0.577	J	pCi/g	0.1		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Radium-226	0.507	J	pCi/g	0.095		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Radium-226	0.893	J	pCi/g	0.13		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Radium-226	1.04	J	pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Radium-226	0.635	J	pCi/g	0.1		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Radium-226	0.494	J	pCi/g	0.097		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Radium-226	0.595	J	pCi/g	0.1		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Radium-226	0.817	J	pCi/g	0.11		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Radium-226	0.925	J	pCi/g	0.14		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Radium-226	0.714	J	pCi/g	0.1		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Radium-226	1.15		pCi/g	0.15		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Radium-226	1.36		pCi/g	0.19		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Radium-226	1.12		pCi/g	0.17		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Radium-226	1.28		pCi/g	0.17		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Radium-226	0.879	J	pCi/g	0.12		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Radium-226	1.12		pCi/g	0.16		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Radium-226	1.22		pCi/g	0.18		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Radium-226	0.978	U	pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Radium-226	1.05		pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Radium-226	0.977	U	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Radium-226	1.07		pCi/g	0.16		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Radium-226	0.939	U	pCi/g	0.13		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Radium-226	1.06	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Radium-226	1.18	J	pCi/g	0.16		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Radium-226	1.53	J	pCi/g	0.19		1	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Radium-226	1.02		pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Radium-226	1.09	J	pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Radium-226	0.984	J	pCi/g	0.12		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Radium-226	0.693	J	pCi/g	0.1		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Radium-226	0.807	J	pCi/g	0.11		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Radium-226	1.34		pCi/g	0.16		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Radium-226	1.27		pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Radium-226	1.38		pCi/g	0.16		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Radium-226	1.79		pCi/g	0.2		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Radium-226	0.968	J	pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Radium-226	0.773	J	pCi/g	0.12		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Radium-226	1.7		pCi/g	0.22		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Radium-226	1.22	J	pCi/g	0.17		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Radium-226	1.82	J	pCi/g	0.22		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Radium-226	1.91	J	pCi/g	0.23		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Radium-226	0.89	J	pCi/g	0.11		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Radium-226	1.2		pCi/g	0.15		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Radium-226	0.833	J	pCi/g	0.11		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Radium-226	0.96	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Radium-226	1.46		pCi/g	0.18		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Radium-226	1.11		pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Radium-226	0.987	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Radium-226	1.07		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Radium-226	1.13		pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Radium-226	0.792	J	pCi/g	0.11		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Radium-226	0.865	J	pCi/g	0.13		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Radium-226	1.13		pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Radium-226	0.877	J	pCi/g	0.12		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Radium-226	0.784	J	pCi/g	0.13		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Radium-226	1.54		pCi/g	0.19		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Radium-226	1.14	J	pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Radium-226	0.97	J	pCi/g	0.13		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Radium-226	0.938	J	pCi/g	0.12		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Radium-226	1.16	J	pCi/g	0.16		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Radium-226	1.24		pCi/g	0.17		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Radium-226	1.65		pCi/g	0.22		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Radium-226	1.13		pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Radium-226	1.13		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Radium-226	1.96	J	pCi/g	0.21		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Radium-226	0.999	U	pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Radium-226	1.06		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Radium-226	1.87		pCi/g	0.22		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Radium-228	2.05		pCi/g	0.24		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Radium-228	2.21		pCi/g	0.25		2	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Radium-228	1.67	J	pCi/g	0.21		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Radium-228	1.28	J	pCi/g	0.19		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Radium-228	1.83	J	pCi/g	0.23		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Radium-228	2.17		pCi/g	0.26		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Radium-228	2.01		pCi/g	0.24		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Radium-228	2.04		pCi/g	0.25		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Radium-228	2.34		pCi/g	0.26		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Radium-228	2.36		pCi/g	0.27		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Radium-228	2.05		pCi/g	0.25		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Radium-228	1.91	J	pCi/g	0.22		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Radium-228	1.61	J	pCi/g	0.22		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Radium-228	2.92		pCi/g	0.3		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Radium-228	2.05		pCi/g	0.24		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Radium-228	2.29		pCi/g	0.25		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Radium-228	1.75	J	pCi/g	0.21		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Radium-228	2.35		pCi/g	0.25		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Radium-228	1.85	J	pCi/g	0.22		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Radium-228	1.46	U	pCi/g	0.2		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Radium-228	1.59	U	pCi/g	0.22		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Radium-228	2.02		pCi/g	0.23		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Radium-228	1.78	U	pCi/g	0.22		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Radium-228	1.35	U	pCi/g	0.21		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Radium-228	1.91	U	pCi/g	0.24		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Radium-228	1.82	U	pCi/g	0.22		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Radium-228	1.47	U	pCi/g	0.2		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Radium-228	0.946	U	pCi/g	0.16		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Radium-228	2.37		pCi/g	0.25		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Radium-228	1.5	U	pCi/g	0.21		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Radium-228	2.65		pCi/g	0.31		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Radium-228	2.4		pCi/g	0.25		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Radium-228	2.14		pCi/g	0.25		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Radium-228	1.86	U	pCi/g	0.21		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Radium-228	2.06		pCi/g	0.22		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Radium-228	2.31		pCi/g	0.25		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Radium-228	2.51		pCi/g	0.24		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Radium-228	1.92	J	pCi/g	0.27		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Radium-228	1.93	U	pCi/g	0.21		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Radium-228	2.41		pCi/g	0.24		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Radium-228	2.17		pCi/g	0.23		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Radium-228	2.03		pCi/g	0.26		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Radium-228	1.69	J	pCi/g	0.25		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Radium-228	1.74	J	pCi/g	0.24		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Radium-228	1.85	J	pCi/g	0.24		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Radium-228	2.02		pCi/g	0.25		2	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Radium-228	1.86	J	pCi/g	0.24		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Radium-228	1.97	J	pCi/g	0.24		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Radium-228	1.15	J	pCi/g	0.19		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Radium-228	2.02		pCi/g	0.26		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Radium-228	1.41	J	pCi/g	0.2		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Radium-228	1.3	J	pCi/g	0.21		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Radium-228	2.08		pCi/g	0.25		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Radium-228	1.67	J	pCi/g	0.2		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Radium-228	1.49	J	pCi/g	0.2		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Radium-228	1.42	J	pCi/g	0.2		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Radium-228	2.66		pCi/g	0.26		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Radium-228	2.21		pCi/g	0.24		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Radium-228	1.34	J	pCi/g	0.2		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Radium-228	2.1		pCi/g	0.24		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Radium-228	2.05		pCi/g	0.24		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Radium-228	2.57		pCi/g	0.26		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Radium-228	1.95	J	pCi/g	0.24		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Radium-228	2.23		pCi/g	0.28		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Radium-228	2.04		pCi/g	0.25		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Radium-228	1.3	J	pCi/g	0.2		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Radium-228	2.11		pCi/g	0.23		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Radium-228	1.93	J	pCi/g	0.25		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Radium-228	1.7	J	pCi/g	0.26		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Radium-228	1.44	J	pCi/g	0.25		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Radium-228	1.73	J	pCi/g	0.24		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Radium-228	1.11	U	pCi/g	0.17		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Radium-228	1.66	J	pCi/g	0.23		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Radium-228	2.18		pCi/g	0.27		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Radium-228	1.97	J	pCi/g	0.25		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Radium-228	1.37	J	pCi/g	0.21		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Radium-228	2.18		pCi/g	0.27		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Radium-228	2	U	pCi/g	0.26		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Radium-228	1.55	U	pCi/g	0.24		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Radium-228	1.34	U	pCi/g	0.18		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Radium-228	1.68	U	pCi/g	0.23		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Radium-223	-0.19	U	pCi/g	0.46	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Radium-223	-0.29	U	pCi/g	0.43	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Radium-223	-0.41	U	pCi/g	0.45	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Radium-223	0.1	U	pCi/g	0.48	0.85	0.85	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Radium-223	-0.003	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Radium-223	-0.36	U	pCi/g	0.46	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Radium-223	-0.02	U	pCi/g	0.48	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Radium-223	-0.17	U	pCi/g	0.51	0.87	0.87	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Radium-223	0.24	U	pCi/g	0.52	0.93	0.93	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Radium-223	0.34	U	pCi/g	0.44	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Radium-223	0.14	U	pCi/g	0.47	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Radium-223	-0.11	U	pCi/g	0.42	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Radium-223	0.08	U	pCi/g	0.45	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Radium-223	0.23	U	pCi/g	0.48	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Radium-223	0.15	U	pCi/g	0.42	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Radium-223	0.2	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Radium-223	0.36	U	pCi/g	0.47	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Radium-223	-0.09	U	pCi/g	0.43	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Radium-223	0.38	U	pCi/g	0.52	0.97	0.97	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Radium-223	-0.38	U	pCi/g	0.51	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Radium-223	-0.19	U	pCi/g	0.45	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Radium-223	0.27	U	pCi/g	0.45	0.82	0.82	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Radium-223	0.02	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Radium-223	-0.16	U	pCi/g	0.37	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Radium-223	0.13	U	pCi/g	0.48	0.87	0.87	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Radium-223	0.13	U	pCi/g	0.43	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Radium-223	-0.27	U	pCi/g	0.48	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Radium-223	-0.22	U	pCi/g	0.41	0.7	0.7	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Radium-223	-0.11	U	pCi/g	0.36	0.62	0.62	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Radium-223	-0.25	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Radium-223	0.06	U	pCi/g	0.41	0.74	0.74	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Radium-223	-0.15	U	pCi/g	0.39	0.66	0.66	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Radium-223	0.12	U	pCi/g	0.34	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Radium-223	-0.27	U	pCi/g	0.41	0.68	0.68	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Radium-223	-0.42	U	pCi/g	0.42	0.66	0.66	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Radium-223	0.15	U	pCi/g	0.38	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Radium-223	0.04	U	pCi/g	0.44	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Radium-223	0.36	U	pCi/g	0.41	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Radium-223	0.3	U	pCi/g	0.52	0.95	0.95	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Radium-223	0.23	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Radium-223	0.13	U	pCi/g	0.45	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Radium-223	-0.03	U	pCi/g	0.43	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Radium-223	0.008	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Radium-223	-0.05	U	pCi/g	0.41	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Radium-223	-0.13	U	pCi/g	0.41	0.71	0.71	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Radium-223	0.02	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Radium-223	0.06	U	pCi/g	0.44	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Radium-223	-0.28	U	pCi/g	0.46	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Radium-223	0.21	U	pCi/g	0.47	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Radium-223	-0.02	U	pCi/g	0.49	0.87	0.87	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Radium-223	-0.29	U	pCi/g	0.51	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Radium-223	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Radium-223	-0.07	U	pCi/g	0.44	0.77	0.77	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Radium-223	0.2	U	pCi/g	0.4	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Radium-223	-0.02	U	pCi/g	0.42	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Radium-223	0.11	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Radium-223	-0.27	U	pCi/g	0.41	0.69	0.69	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Radium-223	-0.32	U	pCi/g	0.43	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Radium-223	-0.37	U	pCi/g	0.46	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Radium-223	-0.13	U	pCi/g	0.45	0.78	0.78	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Radium-223	0.12	U	pCi/g	0.46	0.84	0.84	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Radium-223	-0.11	U	pCi/g	0.42	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Radium-223	0.03	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Radium-223	-0.05	U	pCi/g	0.38	0.68	0.68	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Radium-223	-0.24	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Radium-223	-0.18	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Radium-223	-0.11	U	pCi/g	0.47	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Radium-223	-0.12	U	pCi/g	0.4	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Radium-223	0.13	U	pCi/g	0.44	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Radium-223	-0.24	U	pCi/g	0.44	0.74	0.74	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Radium-223	-0.17	U	pCi/g	0.49	0.83	0.83	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Radium-223	-0.32	U	pCi/g	0.35	0.58	0.58	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Radium-223	0.03	U	pCi/g	0.48	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Radium-223	-0.27	U	pCi/g	0.45	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Radium-223	0.14	U	pCi/g	0.46	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Radium-223	0.13	U	pCi/g	0.42	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Radium-223	0.37	U	pCi/g	0.49	0.91	0.91	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Radium-223	-0.29	U	pCi/g	0.38	0.62	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Radium-223	-0.52	U	pCi/g	0.47	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Radium-223	0.31	U	pCi/g	0.4	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Radium-223	-0.49	U	pCi/g	0.38	0.59	0.59	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Radium-223	0.4	U	pCi/g	0.49	0.93	0.93	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Radium-223	-0.33	U	pCi/g	0.44	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Radium-223	-0.06	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Radium-223	-0.29	U	pCi/g	0.47	0.77	0.77	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Radium-223	-0.1	U	pCi/g	0.39	0.68	0.68	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Radium-223	0.26	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Radium-223	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Radium-223	0.03	U	pCi/g	0.46	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Radium-223	-0.15	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Radium-223	0.06	U	pCi/g	0.42	0.75	0.75	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Radium-223	-0.04	U	pCi/g	0.39	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Radium-223	0.03	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Radium-223	-0.2	U	pCi/g	0.51	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Radium-223	-0.06	U	pCi/g	0.4	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Radium-224	1.69		pCi/g	0.3	0.22	0.22	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Radium-224	1.58		pCi/g	0.26	0.16	0.16	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Radium-224	1.58		pCi/g	0.28	0.19	0.19	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Radium-224	1.93		pCi/g	0.28	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Radium-224	1.71		pCi/g	0.26	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Radium-224	1.88		pCi/g	0.28	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Radium-224	1.74		pCi/g	0.26	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Radium-224	1.65		pCi/g	0.26	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Radium-224	1.71		pCi/g	0.26	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Radium-224	1.86		pCi/g	0.27	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Radium-224	1.92		pCi/g	0.28	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Radium-224	1.62		pCi/g	0.26	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Radium-224	1.76		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Radium-224	1.72		pCi/g	0.31	0.24	0.24	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Radium-224	1.72		pCi/g	0.27	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Radium-224	1.77		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Radium-224	1.72		pCi/g	0.32	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Radium-224	1.78		pCi/g	0.26	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Radium-224	1.63		pCi/g	0.28	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Radium-224	1.6		pCi/g	0.28	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Radium-224	1.73		pCi/g	0.29	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Radium-224	1.73		pCi/g	0.25	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Radium-224	1.76		pCi/g	0.27	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Radium-224	1.43		pCi/g	0.25	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Radium-224	1.93		pCi/g	0.33	0.19	0.19	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Radium-224	1.61		pCi/g	0.24	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Radium-224	1.64		pCi/g	0.25	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Radium-224	1.08		pCi/g	0.21	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Radium-224	1.25		pCi/g	0.19	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Radium-224	1.22		pCi/g	0.2	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Radium-224	1.34		pCi/g	0.23	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Radium-224	1.2		pCi/g	0.23	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Radium-224	1.29		pCi/g	0.22	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Radium-224	1.08		pCi/g	0.23	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Radium-224	1.2		pCi/g	0.21	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Radium-224	1.37		pCi/g	0.23	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Radium-224	1.33		pCi/g	0.22	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Radium-224	1.9		pCi/g	0.27	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Radium-224	1.93		pCi/g	0.29	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Radium-224	1.37		pCi/g	0.24	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Radium-224	1.64		pCi/g	0.28	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Radium-224	1.82		pCi/g	0.28	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Radium-224	1.98		pCi/g	0.29	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Radium-224	1.61		pCi/g	0.28	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Radium-224	1.77		pCi/g	0.26	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Radium-224	2.11		pCi/g	0.31	0.14	0.14	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Radium-224	1.8		pCi/g	0.28	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Radium-224	1.76		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Radium-224	1.73		pCi/g	0.29	0.23	0.23	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Radium-224	1.98		pCi/g	0.32	0.25	0.25	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Radium-224	1.62		pCi/g	0.25	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Radium-224	1.24		pCi/g	0.23	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Radium-224	1.25		pCi/g	0.24	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Radium-224	1.46		pCi/g	0.25	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Radium-224	1.29		pCi/g	0.24	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Radium-224	1.4		pCi/g	0.22	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Radium-224	1.42		pCi/g	0.24	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Radium-224	1.08		pCi/g	0.23	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Radium-224	1.2		pCi/g	0.19	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Radium-224	1.74		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Radium-224	1.22		pCi/g	0.22	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Radium-224	1.21		pCi/g	0.19	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Radium-224	1.54		pCi/g	0.23	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Radium-224	1.52		pCi/g	0.25	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Radium-224	1.36		pCi/g	0.2	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Radium-224	1.74		pCi/g	0.26	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Radium-224	1.3		pCi/g	0.21	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Radium-224	1.4		pCi/g	0.22	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Radium-224	1.69		pCi/g	0.3	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Radium-224	1.45		pCi/g	0.25	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Radium-224	1.97		pCi/g	0.29	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Radium-224	1.38		pCi/g	0.23	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Radium-224	1.53		pCi/g	0.27	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Radium-224	1.89		pCi/g	0.27	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Radium-224	1.76		pCi/g	0.26	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Radium-224	1.54		pCi/g	0.26	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Radium-224	1.69		pCi/g	0.3	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Radium-224	1.27		pCi/g	0.2	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Radium-224	1.41		pCi/g	0.25	0.21	0.21	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Radium-224	1.62		pCi/g	0.28	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Radium-224	1.13		pCi/g	0.22	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Radium-224	1.72		pCi/g	0.3	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Radium-224	1.64		pCi/g	0.28	0.21	0.21	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Radium-224	1.3		pCi/g	0.23	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Radium-224	1.43		pCi/g	0.25	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Radium-224	1.58		pCi/g	0.24	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Radium-224	1.56		pCi/g	0.26	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Radium-224	1.26		pCi/g	0.23	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Radium-224	1.36		pCi/g	0.24	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Radium-224	1.49		pCi/g	0.26	0.17	0.17	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Radium-224	1.75		pCi/g	0.26	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Radium-224	1.45		pCi/g	0.22	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Radium-224	1.44		pCi/g	0.24	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Radium-224	1.65		pCi/g	0.25	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Radium-224	1.51		pCi/g	0.23	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Selenium	0.29	J	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Selenium	0.1579	U	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Selenium	0.1579	U	mg/kg		0.51	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Selenium	0.27	J	mg/kg		0.5	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Selenium	0.1579	U	mg/kg		0.51	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Selenium	0.1579	U	mg/kg		0.51	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Selenium	0.32	J	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Selenium	0.1579	U	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Selenium	0.36	J	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Selenium	0.1579	U	mg/kg		0.51	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Selenium	0.1579	U	mg/kg		0.51	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Selenium	0.3	J	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Selenium	0.36	J	mg/kg		0.51	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Selenium	0.1579	U	mg/kg		0.51	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Selenium	0.29	J	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Selenium	0.34	J	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Selenium	0.31	J	mg/kg		0.51	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Selenium	0.3	J	mg/kg		0.5	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Selenium	0.23	J	mg/kg		0.51	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Selenium	0.1579	U	mg/kg		0.51	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Selenium	0.33	J	mg/kg		0.5	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Selenium	0.39	J	mg/kg		0.53	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Selenium	0.27	J	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Selenium	0.34	J	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Selenium	0.1579	U	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Selenium	0.1579	U	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Selenium	0.1579	U	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Selenium	0.1579	U	mg/kg		0.53	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Selenium	0.1579	U	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Selenium	0.1579	U	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Selenium	0.26	J	mg/kg		0.53	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Selenium	0.1579	U	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Selenium	0.39	J	mg/kg		0.5	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Selenium	0.1579	U	mg/kg		0.53	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Selenium	0.1579	U	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Selenium	0.1579	U	mg/kg		0.54	0.1579	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Selenium	0.37	J	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Selenium	0.37	J	mg/kg		0.63	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Selenium	0.1579	U	mg/kg		0.53	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Selenium	0.1579	U	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Selenium	0.54		mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Selenium	0.1579	U	mg/kg		0.53	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Selenium	0.29	J	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Selenium	0.1579	U	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Selenium	0.1579	U	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Selenium	0.1579	U	mg/kg		0.53	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Selenium	0.37	J	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Selenium	0.27	J	mg/kg		0.51	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Selenium	0.1579	U	mg/kg		0.51	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Selenium	0.23	J	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Selenium	0.35	J	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Selenium	0.1579	U	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Selenium	0.1579	U	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Selenium	0.34	J	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Selenium	0.1579	U	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Selenium	0.6		mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Selenium	0.1579	U	mg/kg		0.51	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Selenium	0.31	J	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Selenium	0.31	J	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Selenium	0.32	J	mg/kg		0.5	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Selenium	0.1579	U	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Selenium	0.1579	U	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Selenium	0.1579	U	mg/kg		0.53	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Selenium	0.1579	U	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Selenium	0.1579	U	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Selenium	0.27	J	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Selenium	0.1579	U	mg/kg		0.5	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Selenium	0.1579	U	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Selenium	0.1579	U	mg/kg		0.5	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Selenium	0.1579	U	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Selenium	0.1579	U	mg/kg		0.51	0.1579	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Selenium	0.1579	U	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Selenium	0.1579	U	mg/kg		0.53	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Selenium	0.26	J	mg/kg		0.5	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Selenium	0.29	J	mg/kg		0.53	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Selenium	0.1579	U	mg/kg		0.53	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Selenium	0.1579	U	mg/kg		0.5	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Selenium	0.1579	U	mg/kg		0.53	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Selenium	0.1579	U	mg/kg		0.5	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Selenium	0.1579	U	mg/kg		0.53	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Silicon	3720		mg/kg		50.8	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Silicon	640		mg/kg		51.6	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Silicon	1300		mg/kg		51.1	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Silicon	2790		mg/kg		50.3	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Silicon	846		mg/kg		51.4	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Silicon	876		mg/kg		51.1	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Silicon	1240		mg/kg		50.7	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Silicon	806		mg/kg		51.6	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Silicon	831		mg/kg		51.6	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Silicon	2760		mg/kg		50.6	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Silicon	1090		mg/kg		51.1	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Silicon	1380		mg/kg		50.8	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Silicon	3580		mg/kg		50.6	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Silicon	1330		mg/kg		51.1	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Silicon	1120		mg/kg		50.9	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Silicon	3680		mg/kg		50.6	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Silicon	907		mg/kg		51.6	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Silicon	1300		mg/kg		51	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Silicon	2780		mg/kg		50.3	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Silicon	1230		mg/kg		51.1	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Silicon	1180		mg/kg		51.1	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Silicon	2490		mg/kg		50.3	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Silicon	782		mg/kg		52.5	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Silicon	683		mg/kg		51.7	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Silicon	3740		mg/kg		50.6	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Silicon	722		mg/kg		51.9	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Silicon	902		mg/kg		52.3	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Silicon	573	J	mg/kg		50.8	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Silicon	538	J	mg/kg		52.2	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Silicon	527	J	mg/kg		53.3	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Silicon	675	J	mg/kg		50.8	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Silicon	530	J	mg/kg		52.1	0.5289	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Silicon	535	J	mg/kg		52.5	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Silicon	562	J	mg/kg		50.8	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Silicon	1210		mg/kg		50.4	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Silicon	543	J	mg/kg		52.6	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Silicon	631	J	mg/kg		52.2	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Silicon	335	J	mg/kg		50.8	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Silicon	489	J	mg/kg		54	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Silicon	711		mg/kg		50.6	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Silicon	901		mg/kg		63.1	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Silicon	1120		mg/kg		52.8	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Silicon	342	J	mg/kg		51	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Silicon	844		mg/kg		50.7	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Silicon	774		mg/kg		52.5	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Silicon	1100		mg/kg		51.8	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Silicon	375	J	mg/kg		50.7	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Silicon	412		mg/kg		50.5	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Silicon	399		mg/kg		53.1	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Silicon	648		mg/kg		51.8	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Silicon	1300		mg/kg		50.6	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Silicon	887		mg/kg		51.2	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Silicon	687		mg/kg		51.3	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Silicon	1230		mg/kg		50.5	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Silicon	792		mg/kg		51.8	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Silicon	620		mg/kg		51.8	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Silicon	1210		mg/kg		50.6	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Silicon	742		mg/kg		52	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Silicon	712		mg/kg		51.8	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Silicon	4150		mg/kg		50.7	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Silicon	850		mg/kg		51.9	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Silicon	644		mg/kg		52	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Silicon	1240		mg/kg		50.5	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Silicon	949		mg/kg		51.4	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Silicon	538		mg/kg		52	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Silicon	1030		mg/kg		253	2.6445	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Silicon	1360		mg/kg		51.9	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Silicon	854		mg/kg		51.7	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Silicon	634		mg/kg		50.4	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Silicon	703		mg/kg		51.7	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Silicon	572		mg/kg		51.6	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Silicon	541		mg/kg		50.6	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Silicon	684		mg/kg		53.1	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Silicon	608		mg/kg		52.2	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Silicon	721		mg/kg		50.6	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Silicon	653		mg/kg		52.2	0.5289	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Silicon	610		mg/kg		51.6	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Silicon	519	J	mg/kg		50.3	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Silicon	476	J	mg/kg		52	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Silicon	423	J	mg/kg		52.2	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Silicon	409	J	mg/kg		50.3	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Silicon	719	J	mg/kg		52.3	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Silicon	449	J	mg/kg		51.4	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Silicon	620	J	mg/kg		50.7	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Silicon	497	J	mg/kg		53.1	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Silicon	428	J	mg/kg		52.5	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Silicon	1040		mg/kg		50.4	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Silicon	744		mg/kg		52.7	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Silicon	703		mg/kg		52.8	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Silicon	1060		mg/kg		50.5	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Silicon	462		mg/kg		52.6	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Silicon	435		mg/kg		52.1	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Silicon	686		mg/kg		50.4	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Silicon	428		mg/kg		52.9	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Silicon	551		mg/kg		51.9	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Silver	0.2609	U	mg/kg		1.1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Silver	0.2609	U	mg/kg		1	0.2609	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Silver	0.2609	U	mg/kg		1.1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Silver	0.2609	U	mg/kg		1.1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Silver	0.2609	U	mg/kg		1.1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Silver	0.2609	U	mg/kg		1.1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Silver	0.2609	U	mg/kg		1.1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Silver	0.2609	U	mg/kg		1.3	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Silver	0.2609	U	mg/kg		1.1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Silver	0.2609	U	mg/kg		1.1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Silver	0.2609	U	mg/kg		1.1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Silver	0.2609	U	mg/kg		1	0.2609	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Silver	0.2609	U	mg/kg		1.1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Silver	0.2609	U	mg/kg		1.1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Silver	0.2609	U	mg/kg		1.1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Silver	0.2609	U	mg/kg		1.1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Silver	0.2609	U	mg/kg		1.1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Silver	0.2609	U	mg/kg		1.1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Silver	0.2609	U	mg/kg		1.1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Silver	0.2609	U	mg/kg		1.1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Sodium	159		mg/kg		50.8	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Sodium	449		mg/kg		51.6	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Sodium	797		mg/kg		51.1	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Sodium	146		mg/kg		50.3	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Sodium	745		mg/kg		51.4	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Sodium	570		mg/kg		51.1	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Sodium	140		mg/kg		50.7	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Sodium	503		mg/kg		51.6	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Sodium	522		mg/kg		51.6	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Sodium	166		mg/kg		50.6	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Sodium	487		mg/kg		51.1	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Sodium	560		mg/kg		50.8	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Sodium	276		mg/kg		50.6	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Sodium	575		mg/kg		51.1	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Sodium	568		mg/kg		50.9	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Sodium	247		mg/kg		50.6	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Sodium	777		mg/kg		51.6	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Sodium	629		mg/kg		51	7.567	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Sodium	155		mg/kg		50.3	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Sodium	716		mg/kg		51.1	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Sodium	938		mg/kg		51.1	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Sodium	152		mg/kg		50.3	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Sodium	796		mg/kg		52.5	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Sodium	1190		mg/kg		51.7	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Sodium	160		mg/kg		50.6	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Sodium	821		mg/kg		51.9	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Sodium	815		mg/kg		52.3	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Sodium	515		mg/kg		50.8	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Sodium	730		mg/kg		52.2	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Sodium	668		mg/kg		53.3	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Sodium	372		mg/kg		50.8	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Sodium	660		mg/kg		52.1	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Sodium	784		mg/kg		52.5	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Sodium	279		mg/kg		50.8	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Sodium	309		mg/kg		50.4	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Sodium	617		mg/kg		52.6	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Sodium	712		mg/kg		52.2	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Sodium	175		mg/kg		50.8	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Sodium	338		mg/kg		54	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Sodium	138		mg/kg		50.6	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Sodium	417		mg/kg		63.1	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Sodium	453		mg/kg		52.8	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Sodium	155		mg/kg		51	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Sodium	146		mg/kg		50.7	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Sodium	307		mg/kg		52.5	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Sodium	360		mg/kg		51.8	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Sodium	169		mg/kg		50.7	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Sodium	140		mg/kg		50.5	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Sodium	316		mg/kg		53.1	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Sodium	455		mg/kg		51.8	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Sodium	585		mg/kg		50.6	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Sodium	1150		mg/kg		51.2	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Sodium	1060		mg/kg		51.3	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Sodium	551		mg/kg		50.5	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Sodium	1320		mg/kg		51.8	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Sodium	980		mg/kg		51.8	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Sodium	337		mg/kg		50.6	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Sodium	1070		mg/kg		52	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Sodium	852		mg/kg		51.8	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Sodium	589		mg/kg		50.7	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Sodium	502		mg/kg		51.9	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Sodium	502		mg/kg		52	7.567	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Sodium	134		mg/kg		50.5	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Sodium	179		mg/kg		51.4	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Sodium	669		mg/kg		52	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Sodium	693		mg/kg		50.5	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Sodium	720		mg/kg		51.9	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Sodium	662		mg/kg		51.7	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Sodium	214		mg/kg		50.4	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Sodium	406		mg/kg		51.7	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Sodium	615		mg/kg		51.6	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Sodium	132		mg/kg		50.6	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Sodium	536		mg/kg		53.1	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Sodium	630		mg/kg		52.2	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Sodium	200		mg/kg		50.6	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Sodium	428		mg/kg		52.2	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Sodium	542		mg/kg		51.6	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Sodium	410		mg/kg		50.3	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Sodium	303		mg/kg		52	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Sodium	213		mg/kg		52.2	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Sodium	128		mg/kg		50.3	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Sodium	413		mg/kg		52.3	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Sodium	196		mg/kg		51.4	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Sodium	357	J	mg/kg		50.7	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Sodium	451	J	mg/kg		53.1	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Sodium	329	J	mg/kg		52.5	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Sodium	151		mg/kg		50.4	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Sodium	914		mg/kg		52.7	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Sodium	937		mg/kg		52.8	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Sodium	170		mg/kg		50.5	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Sodium	436		mg/kg		52.6	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Sodium	773		mg/kg		52.1	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Sodium	153		mg/kg		50.4	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Sodium	682		mg/kg		52.9	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Sodium	802		mg/kg		51.9	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Strontium	145		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Strontium	209		mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Strontium	488		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Strontium	118		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Strontium	258		mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Strontium	356		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Strontium	147		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Strontium	219		mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Strontium	363		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Strontium	105		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Strontium	168		mg/kg		1	0.0735	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Strontium	202		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Strontium	188		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Strontium	209		mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Strontium	225		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Strontium	173		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Strontium	184	J-	mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Strontium	239	J-	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Strontium	145	J-	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Strontium	294	J-	mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Strontium	240	J-	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Strontium	144	J-	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Strontium	219	J-	mg/kg		1.1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Strontium	567	J-	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Strontium	127	J-	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Strontium	230	J-	mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Strontium	684	J-	mg/kg		1.1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Strontium	249	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Strontium	441	J	mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Strontium	267	J	mg/kg		1.1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Strontium	402	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Strontium	219	J	mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Strontium	406	J	mg/kg		1.1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Strontium	808	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Strontium	165	J-	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Strontium	182	J	mg/kg		1.1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Strontium	258	J	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Strontium	142	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Strontium	140	J	mg/kg		1.1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Strontium	113		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Strontium	87.9		mg/kg		1.3	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Strontium	124		mg/kg		1.1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Strontium	131	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Strontium	119		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Strontium	75.5		mg/kg		1.1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Strontium	117		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Strontium	166	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Strontium	108		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Strontium	77.8		mg/kg		1.1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Strontium	114		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Strontium	159	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Strontium	321	J	mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Strontium	379	J	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Strontium	163	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Strontium	347	J	mg/kg		1	0.0735	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Strontium	411	J	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Strontium	200	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Strontium	320	J	mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Strontium	394	J	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Strontium	190		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Strontium	244		mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Strontium	277		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Strontium	105	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Strontium	156		mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Strontium	496		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Strontium	129		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Strontium	253		mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Strontium	510		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Strontium	126	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Strontium	135	J	mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Strontium	211	J	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Strontium	97.7	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Strontium	158	J	mg/kg		1.1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Strontium	160	J	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Strontium	119	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Strontium	159	J	mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Strontium	177	J	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Strontium	192	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Strontium	260	J	mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Strontium	153	J	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Strontium	143	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Strontium	364	J	mg/kg		1.1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Strontium	149	J	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Strontium	203	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Strontium	229	J	mg/kg		1.1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Strontium	206	J	mg/kg		1.1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Strontium	149		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Strontium	225		mg/kg		1.1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Strontium	461		mg/kg		1.1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Strontium	133		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Strontium	178		mg/kg		1.1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Strontium	408		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Strontium	126		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Strontium	211		mg/kg		1.1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Strontium	342		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Sulfate	3	U	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Sulfate	34.1		mg/kg		5.2	0.63	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Sulfate	1430		mg/kg		102	12.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Sulfate	10.5		mg/kg		5	0.62	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Sulfate	42.8		mg/kg		5.1	0.63	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Sulfate	208		mg/kg		51.1	6.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Sulfate	1.7	U	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Sulfate	10.7		mg/kg		5.2	0.63	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Sulfate	124		mg/kg		51.6	6.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Sulfate	21.9		mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Sulfate	678		mg/kg		255	31.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Sulfate	21.2		mg/kg		5.1	0.62	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Sulfate	124		mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Sulfate	180		mg/kg		5.1	0.63	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Sulfate	49.8		mg/kg		5.1	0.62	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Sulfate	15.9		mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Sulfate	311		mg/kg		51.6	6.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Sulfate	17.7		mg/kg		5.1	0.62	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Sulfate	2.2	U	mg/kg		5	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Sulfate	143		mg/kg		5.1	0.63	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Sulfate	107		mg/kg		5.1	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Sulfate	3.5	U	mg/kg		5	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Sulfate	3240		mg/kg		263	32.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Sulfate	4130		mg/kg		259	31.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Sulfate	4.4	U	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Sulfate	125		mg/kg		5.2	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Sulfate	1440		mg/kg		261	32	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Sulfate	1.6	U	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Sulfate	15.1	J	mg/kg		5.2	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Sulfate	49.3	J	mg/kg		5.3	0.65	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Sulfate	3.3	U	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Sulfate	49.2	J	mg/kg		5.2	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Sulfate	160	J	mg/kg		5.3	0.64	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Sulfate	1.6	U	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Sulfate	5.2	J	mg/kg		5	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Sulfate	7.5	J	mg/kg		5.3	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Sulfate	83.5	J	mg/kg		5.2	0.64	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Sulfate	3	U	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Sulfate	132		mg/kg		5.4	0.66	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Sulfate	1	U	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Sulfate	2.2	U	mg/kg		6.3	0.77	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Sulfate	10.8		mg/kg		5.3	0.65	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Sulfate	2.8	U	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Sulfate	0.86	U	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Sulfate	3.1	U	mg/kg		5.3	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Sulfate	8.6		mg/kg		5.2	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Sulfate	4.4	U	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Sulfate	0.612	U	mg/kg		5.1	0.62	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Sulfate	7.2		mg/kg		5.3	0.65	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Sulfate	11.3		mg/kg		5.2	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Sulfate	29.2		mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Sulfate	320		mg/kg		51.2	6.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Sulfate	44.2	B	mg/kg		51.3	6.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Sulfate	23.3		mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Sulfate	361		mg/kg		104	12.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Sulfate	32.4		mg/kg		5.2	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Sulfate	3.4	B	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Sulfate	102		mg/kg		5.2	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Sulfate	14.8		mg/kg		5.2	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Sulfate	570		mg/kg		50.7	6.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Sulfate	182		mg/kg		5.2	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Sulfate	48.5		mg/kg		5.2	0.64	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Sulfate	2.9	B	mg/kg		5	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Sulfate	9		mg/kg		5.1	0.63	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Sulfate	14.1		mg/kg		5.2	0.64	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Sulfate	115		mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Sulfate	164		mg/kg		5.2	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Sulfate	27.3		mg/kg		5.2	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Sulfate	4.5	B	mg/kg		5	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Sulfate	5	B	mg/kg		5.2	0.63	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Sulfate	108		mg/kg		5.2	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Sulfate	2.2	B	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Sulfate	62.3		mg/kg		5.3	0.65	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Sulfate	641		mg/kg		52.2	6.4	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Sulfate	2.1	B	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Sulfate	4.3	B	mg/kg		5.2	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Sulfate	73.1		mg/kg		5.2	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Sulfate	857		mg/kg		50.3	6.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Sulfate	202		mg/kg		5.2	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Sulfate	147		mg/kg		5.2	0.64	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Sulfate	318	J	mg/kg		50.3	6.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Sulfate	419		mg/kg		52.3	6.4	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Sulfate	63.7		mg/kg		51.4	6.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Sulfate	5.1		mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Sulfate	108		mg/kg		5.3	0.65	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Sulfate	22.6		mg/kg		5.2	0.64	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Sulfate	1.2	U	mg/kg		5	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Sulfate	45		mg/kg		5.3	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Sulfate	86.6		mg/kg		5.3	0.65	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Sulfate	1.2	U	mg/kg		5	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Sulfate	4.4	U	mg/kg		5.3	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Sulfate	62.6		mg/kg		5.2	0.64	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Sulfate	1.4	U	mg/kg		5	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Sulfate	84.4		mg/kg		5.3	0.65	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Sulfate	139		mg/kg		5.2	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Thallium	0.59	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Thallium	0.32	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Thallium	0.44	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Thallium	0.6	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Thallium	0.29	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Thallium	0.21	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Thallium	0.52	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Thallium	0.25	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Thallium	0.29	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Thallium	0.68	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Thallium	0.79	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Thallium	0.47	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Thallium	0.2	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Thallium	0.61	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Thallium	0.5428	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Thallium	0.52	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Thallium	0.56	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Thallium	0.38	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Thallium	0.96	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Thallium	0.28	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Thallium	0.24	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Thallium	0.43	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Thallium	0.59	U	mg/kg		1.1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Thallium	0.21	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Thallium	0.63	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Thallium	0.59	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Thallium	0.5428	U	mg/kg		1.1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Thallium	1.5		mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Thallium	1.8		mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Thallium	1.5		mg/kg		1.1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Thallium	1.7		mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Thallium	1.4		mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Thallium	1.5		mg/kg		1.1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Thallium	1.3		mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Thallium	0.5	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Thallium	1.8		mg/kg		1.1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Thallium	1.2		mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Thallium	1	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Thallium	1.8		mg/kg		1.1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Thallium	1.4		mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Thallium	1	U	mg/kg		1.3	0.5428	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Thallium	1.6		mg/kg		1.1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Thallium	1.1		mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Thallium	1.5		mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Thallium	0.4	U	mg/kg		1.1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Thallium	0.58	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Thallium	1.1		mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Thallium	0.5428	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Thallium	0.5	U	mg/kg		1.1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Thallium	0.5428	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Thallium	0.57	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Thallium	0.5428	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Thallium	0.5428	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Thallium	0.6	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Thallium	0.5428	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Thallium	0.36	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Thallium	0.5428	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Thallium	0.5428	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Thallium	0.5428	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Thallium	0.2	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Thallium	0.5428	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Thallium	0.39	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Thallium	1.1		mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Thallium	0.74	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Thallium	0.76	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Thallium	0.74	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Thallium	0.5428	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Thallium	0.5428	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Thallium	0.54	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Thallium	0.47	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Thallium	0.43	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Thallium	0.6	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Thallium	0.51	U	mg/kg		1.1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Thallium	0.4	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Thallium	0.87	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Thallium	0.48	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Thallium	0.66	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Thallium	1.2		mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Thallium	0.98	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Thallium	1.2		mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Thallium	0.75	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Thallium	0.71	U	mg/kg		1.1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Thallium	1.1		mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Thallium	1.7		mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Thallium	1.1	U	mg/kg		1.1	0.5428	5

**TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada**

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Thallium	1.2		mg/kg		1.1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Thallium	1	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Thallium	0.5428	U	mg/kg		1.1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Thallium	0.38	U	mg/kg		1.1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Thallium	0.5428	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Thallium	0.5428	U	mg/kg		1.1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Thallium	0.5428	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Thallium	0.25	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Thallium	0.5428	U	mg/kg		1.1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Thallium	0.5428	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Thallium-207	-0.19	U	pCi/g	0.46	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Thallium-207	-0.29	U	pCi/g	0.43	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Thallium-207	-0.41	U	pCi/g	0.45	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Thallium-207	0.1	U	pCi/g	0.48	0.85	0.85	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Thallium-207	-0.003	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Thallium-207	-0.36	U	pCi/g	0.46	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Thallium-207	-0.02	U	pCi/g	0.48	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Thallium-207	-0.17	U	pCi/g	0.51	0.87	0.87	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Thallium-207	0.24	U	pCi/g	0.52	0.93	0.93	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Thallium-207	0.34	U	pCi/g	0.44	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Thallium-207	0.14	U	pCi/g	0.47	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Thallium-207	-0.11	U	pCi/g	0.42	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Thallium-207	0.08	U	pCi/g	0.45	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Thallium-207	0.23	U	pCi/g	0.48	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Thallium-207	0.15	U	pCi/g	0.42	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Thallium-207	0.2	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Thallium-207	0.36	U	pCi/g	0.47	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Thallium-207	-0.09	U	pCi/g	0.43	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Thallium-207	0.38	U	pCi/g	0.52	0.97	0.97	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Thallium-207	-0.38	U	pCi/g	0.51	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Thallium-207	-0.19	U	pCi/g	0.45	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Thallium-207	0.27	U	pCi/g	0.45	0.82	0.82	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Thallium-207	0.02	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Thallium-207	-0.16	U	pCi/g	0.37	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Thallium-207	0.13	U	pCi/g	0.48	0.87	0.87	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Thallium-207	0.13	U	pCi/g	0.43	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Thallium-207	-0.27	U	pCi/g	0.48	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Thallium-207	-0.22	U	pCi/g	0.41	0.7	0.7	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Thallium-207	-0.11	U	pCi/g	0.36	0.62	0.62	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Thallium-207	-0.25	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Thallium-207	0.06	U	pCi/g	0.41	0.74	0.74	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Thallium-207	-0.15	U	pCi/g	0.39	0.66	0.66	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Thallium-207	0.12	U	pCi/g	0.34	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Thallium-207	-0.27	U	pCi/g	0.41	0.68	0.68	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Thallium-207	-0.42	U	pCi/g	0.42	0.66	0.66	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Thallium-207	0.15	U	pCi/g	0.38	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Thallium-207	0.04	U	pCi/g	0.44	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Thallium-207	0.36	U	pCi/g	0.41	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Thallium-207	0.3	U	pCi/g	0.52	0.95	0.95	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Thallium-207	0.23	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Thallium-207	0.13	U	pCi/g	0.45	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Thallium-207	-0.03	U	pCi/g	0.43	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Thallium-207	0.008	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Thallium-207	-0.05	U	pCi/g	0.41	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Thallium-207	-0.13	U	pCi/g	0.41	0.71	0.71	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Thallium-207	0.02	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Thallium-207	0.06	U	pCi/g	0.44	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Thallium-207	-0.28	U	pCi/g	0.46	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Thallium-207	0.21	U	pCi/g	0.47	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Thallium-207	-0.02	U	pCi/g	0.49	0.87	0.87	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Thallium-207	-0.29	U	pCi/g	0.51	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Thallium-207	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Thallium-207	-0.07	U	pCi/g	0.44	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Thallium-207	0.2	U	pCi/g	0.4	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Thallium-207	-0.02	U	pCi/g	0.42	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Thallium-207	0.11	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Thallium-207	-0.27	U	pCi/g	0.41	0.69	0.69	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Thallium-207	-0.32	U	pCi/g	0.43	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Thallium-207	-0.37	U	pCi/g	0.46	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Thallium-207	-0.13	U	pCi/g	0.45	0.78	0.78	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Thallium-207	0.12	U	pCi/g	0.46	0.84	0.84	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Thallium-207	-0.11	U	pCi/g	0.42	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Thallium-207	0.03	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Thallium-207	-0.05	U	pCi/g	0.38	0.68	0.68	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Thallium-207	-0.24	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Thallium-207	-0.18	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Thallium-207	-0.11	U	pCi/g	0.47	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Thallium-207	-0.12	U	pCi/g	0.4	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Thallium-207	0.13	U	pCi/g	0.44	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Thallium-207	-0.24	U	pCi/g	0.44	0.74	0.74	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Thallium-207	-0.17	U	pCi/g	0.49	0.83	0.83	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Thallium-207	-0.32	U	pCi/g	0.35	0.58	0.58	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Thallium-207	0.03	U	pCi/g	0.48	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Thallium-207	-0.27	U	pCi/g	0.45	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Thallium-207	0.14	U	pCi/g	0.46	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Thallium-207	0.13	U	pCi/g	0.42	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Thallium-207	0.37	U	pCi/g	0.49	0.91	0.91	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Thallium-207	-0.29	U	pCi/g	0.38	0.62	0.62	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Thallium-207	-0.52	U	pCi/g	0.47	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Thallium-207	0.31	U	pCi/g	0.4	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Thallium-207	-0.49	U	pCi/g	0.38	0.59	0.59	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Thallium-207	0.4	U	pCi/g	0.49	0.93	0.93	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Thallium-207	-0.33	U	pCi/g	0.44	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Thallium-207	-0.06	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Thallium-207	-0.29	U	pCi/g	0.47	0.77	0.77	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Thallium-207	-0.1	U	pCi/g	0.39	0.68	0.68	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Thallium-207	0.26	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Thallium-207	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Thallium-207	0.03	U	pCi/g	0.46	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Thallium-207	-0.15	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Thallium-207	0.06	U	pCi/g	0.42	0.75	0.75	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Thallium-207	-0.04	U	pCi/g	0.39	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Thallium-207	0.03	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Thallium-207	-0.2	U	pCi/g	0.51	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Thallium-207	-0.06	U	pCi/g	0.4	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Thallium-208	0.5		pCi/g	0.16	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Thallium-208	0.58		pCi/g	0.14	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Thallium-208	0.42		pCi/g	0.15	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Thallium-208	0.66		pCi/g	0.16	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Thallium-208	0.64		pCi/g	0.15	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Thallium-208	0.68		pCi/g	0.15	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Thallium-208	0.7		pCi/g	0.16	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Thallium-208	0.6		pCi/g	0.16	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Thallium-208	0.55		pCi/g	0.13	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Thallium-208	0.58		pCi/g	0.15	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Thallium-208	0.65		pCi/g	0.15	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Thallium-208	0.54		pCi/g	0.14	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Thallium-208	0.62		pCi/g	0.15	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Thallium-208	0.66		pCi/g	0.16	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Thallium-208	0.6		pCi/g	0.13	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Thallium-208	0.63		pCi/g	0.13	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Thallium-208	0.58		pCi/g	0.14	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Thallium-208	0.62		pCi/g	0.14	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Thallium-208	0.68		pCi/g	0.16	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Thallium-208	0.6		pCi/g	0.16	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Thallium-208	0.5		pCi/g	0.13	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Thallium-208	0.48		pCi/g	0.13	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Thallium-208	0.57		pCi/g	0.14	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Thallium-208	0.49		pCi/g	0.13	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Thallium-208	0.67		pCi/g	0.15	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Thallium-208	0.53		pCi/g	0.13	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Thallium-208	0.52		pCi/g	0.13	0.09	0.09	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Thallium-208	0.49		pCi/g	0.14	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Thallium-208	0.4		pCi/g	0.12	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Thallium-208	0.45		pCi/g	0.13	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Thallium-208	0.48		pCi/g	0.12	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Thallium-208	0.43		pCi/g	0.11	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Thallium-208	0.39		pCi/g	0.1	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Thallium-208	0.41		pCi/g	0.13	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Thallium-208	0.49		pCi/g	0.12	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Thallium-208	0.48		pCi/g	0.11	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Thallium-208	0.39		pCi/g	0.13	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Thallium-208	0.69		pCi/g	0.15	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Thallium-208	0.6		pCi/g	0.15	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Thallium-208	0.53		pCi/g	0.14	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Thallium-208	0.63		pCi/g	0.14	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Thallium-208	0.67		pCi/g	0.14	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Thallium-208	0.72		pCi/g	0.16	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Thallium-208	0.56		pCi/g	0.15	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Thallium-208	0.6		pCi/g	0.13	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Thallium-208	0.68		pCi/g	0.17	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Thallium-208	0.6		pCi/g	0.15	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Thallium-208	0.61		pCi/g	0.14	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Thallium-208	0.66		pCi/g	0.15	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Thallium-208	0.72		pCi/g	0.17	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Thallium-208	0.59		pCi/g	0.14	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Thallium-208	0.44		pCi/g	0.1	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Thallium-208	0.61		pCi/g	0.14	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Thallium-208	0.69		pCi/g	0.15	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Thallium-208	0.43		pCi/g	0.13	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Thallium-208	0.37		pCi/g	0.11	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Thallium-208	0.5		pCi/g	0.12	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Thallium-208	0.48		pCi/g	0.12	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Thallium-208	0.48		pCi/g	0.13	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Thallium-208	0.57		pCi/g	0.15	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Thallium-208	0.45		pCi/g	0.13	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Thallium-208	0.4		pCi/g	0.11	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Thallium-208	0.58		pCi/g	0.14	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Thallium-208	0.57		pCi/g	0.14	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Thallium-208	0.41		pCi/g	0.11	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Thallium-208	0.69		pCi/g	0.15	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Thallium-208	0.48		pCi/g	0.12	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Thallium-208	0.53		pCi/g	0.12	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Thallium-208	0.61		pCi/g	0.15	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Thallium-208	0.6		pCi/g	0.16	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Thallium-208	0.64		pCi/g	0.14	0.09	0.09	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Thallium-208	0.5		pCi/g	0.12	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Thallium-208	0.64		pCi/g	0.14	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Thallium-208	0.58		pCi/g	0.15	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Thallium-208	0.62		pCi/g	0.14	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Thallium-208	0.56		pCi/g	0.13	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Thallium-208	0.57		pCi/g	0.14	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Thallium-208	0.47		pCi/g	0.12	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Thallium-208	0.61		pCi/g	0.13	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Thallium-208	0.71		pCi/g	0.16	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Thallium-208	0.46		pCi/g	0.11	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Thallium-208	0.52		pCi/g	0.15	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Thallium-208	0.59		pCi/g	0.15	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Thallium-208	0.47		pCi/g	0.14	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Thallium-208	0.61		pCi/g	0.16	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Thallium-208	0.55		pCi/g	0.13	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Thallium-208	0.59		pCi/g	0.14	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Thallium-208	0.57		pCi/g	0.13	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Thallium-208	0.53		pCi/g	0.13	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Thallium-208	0.51		pCi/g	0.13	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Thallium-208	0.61		pCi/g	0.14	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Thallium-208	0.43		pCi/g	0.13	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Thallium-208	0.51		pCi/g	0.13	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Thallium-208	0.57		pCi/g	0.14	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Thallium-208	0.41		pCi/g	0.12	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Thorium-227	-0.19	U	pCi/g	0.46	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Thorium-227	-0.29	U	pCi/g	0.43	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Thorium-227	-0.41	U	pCi/g	0.45	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Thorium-227	0.1	U	pCi/g	0.48	0.85	0.85	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Thorium-227	-0.003	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Thorium-227	-0.36	U	pCi/g	0.46	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Thorium-227	-0.02	U	pCi/g	0.48	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Thorium-227	-0.17	U	pCi/g	0.51	0.87	0.87	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Thorium-227	0.24	U	pCi/g	0.52	0.93	0.93	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Thorium-227	0.34	U	pCi/g	0.44	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Thorium-227	0.14	U	pCi/g	0.47	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Thorium-227	-0.11	U	pCi/g	0.42	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Thorium-227	0.08	U	pCi/g	0.45	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Thorium-227	0.23	U	pCi/g	0.48	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Thorium-227	0.15	U	pCi/g	0.42	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Thorium-227	0.2	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Thorium-227	0.36	U	pCi/g	0.47	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Thorium-227	-0.09	U	pCi/g	0.43	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Thorium-227	0.38	U	pCi/g	0.52	0.97	0.97	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Thorium-227	-0.38	U	pCi/g	0.51	0.83	0.83	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Thorium-227	-0.19	U	pCi/g	0.45	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Thorium-227	0.27	U	pCi/g	0.45	0.82	0.82	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Thorium-227	0.02	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Thorium-227	-0.16	U	pCi/g	0.37	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Thorium-227	0.13	U	pCi/g	0.48	0.87	0.87	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Thorium-227	0.13	U	pCi/g	0.43	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Thorium-227	-0.27	U	pCi/g	0.48	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Thorium-227	-0.22	U	pCi/g	0.41	0.7	0.7	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Thorium-227	-0.11	U	pCi/g	0.36	0.62	0.62	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Thorium-227	-0.25	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Thorium-227	0.06	U	pCi/g	0.41	0.74	0.74	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Thorium-227	-0.15	U	pCi/g	0.39	0.66	0.66	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Thorium-227	0.12	U	pCi/g	0.34	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Thorium-227	-0.27	U	pCi/g	0.41	0.68	0.68	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Thorium-227	-0.42	U	pCi/g	0.42	0.66	0.66	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Thorium-227	0.15	U	pCi/g	0.38	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Thorium-227	0.04	U	pCi/g	0.44	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Thorium-227	0.36	U	pCi/g	0.41	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Thorium-227	0.3	U	pCi/g	0.52	0.95	0.95	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Thorium-227	0.23	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Thorium-227	0.13	U	pCi/g	0.45	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Thorium-227	-0.03	U	pCi/g	0.43	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Thorium-227	0.008	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Thorium-227	-0.05	U	pCi/g	0.41	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Thorium-227	-0.13	U	pCi/g	0.41	0.71	0.71	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Thorium-227	0.02	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Thorium-227	0.06	U	pCi/g	0.44	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Thorium-227	-0.28	U	pCi/g	0.46	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Thorium-227	0.21	U	pCi/g	0.47	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Thorium-227	-0.02	U	pCi/g	0.49	0.87	0.87	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Thorium-227	-0.29	U	pCi/g	0.51	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Thorium-227	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Thorium-227	-0.07	U	pCi/g	0.44	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Thorium-227	0.2	U	pCi/g	0.4	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Thorium-227	-0.02	U	pCi/g	0.42	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Thorium-227	0.11	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Thorium-227	-0.27	U	pCi/g	0.41	0.69	0.69	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Thorium-227	-0.32	U	pCi/g	0.43	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Thorium-227	-0.37	U	pCi/g	0.46	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Thorium-227	-0.13	U	pCi/g	0.45	0.78	0.78	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Thorium-227	0.12	U	pCi/g	0.46	0.84	0.84	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Thorium-227	-0.11	U	pCi/g	0.42	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Thorium-227	0.03	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Thorium-227	-0.05	U	pCi/g	0.38	0.68	0.68	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Thorium-227	-0.24	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Thorium-227	-0.18	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Thorium-227	-0.11	U	pCi/g	0.47	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Thorium-227	-0.12	U	pCi/g	0.4	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Thorium-227	0.13	U	pCi/g	0.44	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Thorium-227	-0.24	U	pCi/g	0.44	0.74	0.74	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Thorium-227	-0.17	U	pCi/g	0.49	0.83	0.83	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Thorium-227	-0.32	U	pCi/g	0.35	0.58	0.58	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Thorium-227	0.03	U	pCi/g	0.48	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Thorium-227	-0.27	U	pCi/g	0.45	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Thorium-227	0.14	U	pCi/g	0.46	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Thorium-227	0.13	U	pCi/g	0.42	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Thorium-227	0.37	U	pCi/g	0.49	0.91	0.91	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Thorium-227	-0.29	U	pCi/g	0.38	0.62	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Thorium-227	-0.52	U	pCi/g	0.47	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Thorium-227	0.31	U	pCi/g	0.4	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Thorium-227	-0.49	U	pCi/g	0.38	0.59	0.59	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Thorium-227	0.4	U	pCi/g	0.49	0.93	0.93	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Thorium-227	-0.33	U	pCi/g	0.44	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Thorium-227	-0.06	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Thorium-227	-0.29	U	pCi/g	0.47	0.77	0.77	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Thorium-227	-0.1	U	pCi/g	0.39	0.68	0.68	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Thorium-227	0.26	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Thorium-227	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Thorium-227	0.03	U	pCi/g	0.46	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Thorium-227	-0.15	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Thorium-227	0.06	U	pCi/g	0.42	0.75	0.75	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Thorium-227	-0.04	U	pCi/g	0.39	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Thorium-227	0.03	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Thorium-227	-0.2	U	pCi/g	0.51	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Thorium-227	-0.06	U	pCi/g	0.4	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Thorium-228	2.09		pCi/g	0.46	0.23	0.23	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Thorium-228	1.83		pCi/g	0.34	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Thorium-228	1.5		pCi/g	0.3	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Thorium-228	1.67		pCi/g	0.33	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Thorium-228	1.91		pCi/g	0.35	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Thorium-228	1.38		pCi/g	0.28	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Thorium-228	2.28		pCi/g	0.44	0.29	0.29	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Thorium-228	1.95		pCi/g	0.39	0.26	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Thorium-228	1.38		pCi/g	0.31	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Thorium-228	2.09		pCi/g	0.43	0.19	0.19	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Thorium-228	1.97		pCi/g	0.42	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Thorium-228	1.86		pCi/g	0.4	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Thorium-228	1.66		pCi/g	0.31	0.09	0.09	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Thorium-228	2.03		pCi/g	0.44	0.3	0.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Thorium-228	1.56		pCi/g	0.36	0.28	0.28	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Thorium-228	1.9		pCi/g	0.42	0.21	0.21	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Thorium-228	2.08		pCi/g	0.36	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Thorium-228	1.97		pCi/g	0.34	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Thorium-228	1.89		pCi/g	0.39	0.19	0.19	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Thorium-228	1.85		pCi/g	0.44	0.22	0.22	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Thorium-228	1.81		pCi/g	0.48	0.25	0.25	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Thorium-228	1.52		pCi/g	0.35	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Thorium-228	1.93		pCi/g	0.35	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Thorium-228	1.47		pCi/g	0.35	0.27	0.27	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Thorium-228	2.09		pCi/g	0.48	0.35	0.35	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Thorium-228	2.14		pCi/g	0.47	0.24	0.24	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Thorium-228	1.38		pCi/g	0.36	0.31	0.31	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Thorium-228	1.15		pCi/g	0.26	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Thorium-228	1.33		pCi/g	0.29	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Thorium-228	1.43		pCi/g	0.29	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Thorium-228	1.85		pCi/g	0.38	0.25	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Thorium-228	1.63		pCi/g	0.31	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Thorium-228	1.27		pCi/g	0.33	0.28	0.28	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Thorium-228	1.76		pCi/g	0.33	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Thorium-228	1.41		pCi/g	0.29	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Thorium-228	1.4		pCi/g	0.32	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Thorium-228	1.82		pCi/g	0.34	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Thorium-228	2.01		pCi/g	0.39	0.27	0.27	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Thorium-228	2.03		pCi/g	0.36	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Thorium-228	1.71		pCi/g	0.44	0.34	0.34	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Thorium-228	2.15		pCi/g	0.41	0.27	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Thorium-228	2.11		pCi/g	0.38	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Thorium-228	1.65		pCi/g	0.34	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Thorium-228	1.55		pCi/g	0.27	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Thorium-228	2.06		pCi/g	0.35	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Thorium-228	1.91		pCi/g	0.33	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Thorium-228	1.99		pCi/g	0.43	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Thorium-228	1.93		pCi/g	0.33	0.03	0.03	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Thorium-228	2.09		pCi/g	0.33	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Thorium-228	1.66		pCi/g	0.31	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Thorium-228	1.67		pCi/g	0.31	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Thorium-228	1.79		pCi/g	0.39	0.29	0.29	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Thorium-228	1.5		pCi/g	0.34	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Thorium-228	2.09		pCi/g	0.37	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Thorium-228	1.62		pCi/g	0.32	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Thorium-228	1.64		pCi/g	0.32	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Thorium-228	1.96		pCi/g	0.37	0.15	0.15	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Thorium-228	1.41		pCi/g	0.3	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Thorium-228	1.5		pCi/g	0.35	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Thorium-228	1.83		pCi/g	0.39	0.27	0.27	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Thorium-228	1.34		pCi/g	0.36	0.3	0.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Thorium-228	1.16		pCi/g	0.26	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Thorium-228	1.82		pCi/g	0.32	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Thorium-228	1.61		pCi/g	0.33	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Thorium-228	1.42		pCi/g	0.32	0.24	0.24	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Thorium-228	1.88		pCi/g	0.38	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Thorium-228	1.5		pCi/g	0.37	0.21	0.21	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Thorium-228	1.22		pCi/g	0.33	0.19	0.19	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Thorium-228	1.85		pCi/g	0.33	0.03	0.03	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Thorium-228	1.97		pCi/g	0.43	0.31	0.31	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Thorium-228	1.86		pCi/g	0.37	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Thorium-228	1.8		pCi/g	0.36	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Thorium-228	1.79		pCi/g	0.37	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Thorium-228	1.91		pCi/g	0.42	0.19	0.19	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Thorium-228	1.74		pCi/g	0.35	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Thorium-228	1.87		pCi/g	0.33	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Thorium-228	1.84		pCi/g	0.38	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Thorium-228	1.5		pCi/g	0.32	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Thorium-228	1.82		pCi/g	0.34	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Thorium-228	1.37		pCi/g	0.61	0.61	0.61	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Thorium-228	1.77		pCi/g	0.35	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Thorium-228	1.98		pCi/g	0.44	0.32	0.32	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Thorium-228	1.78		pCi/g	0.35	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Thorium-228	1.9		pCi/g	0.38	0.25	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Thorium-228	1.67		pCi/g	0.32	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Thorium-228	2.13		pCi/g	0.39	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Thorium-228	1.92		pCi/g	0.38	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Thorium-228	1.31		pCi/g	0.28	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Thorium-228	1.6		pCi/g	0.33	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Thorium-228	1.62		pCi/g	0.29	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Thorium-228	1.73		pCi/g	0.32	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Thorium-228	1.45		pCi/g	0.28	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Thorium-228	1.72		pCi/g	0.3	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Thorium-228	1.65		pCi/g	0.31	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Thorium-228	1.28		pCi/g	0.25	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Thorium-230	1.25		pCi/g	0.32	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Thorium-230	1.28		pCi/g	0.27	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Thorium-230	1.55		pCi/g	0.3	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Thorium-230	1.42		pCi/g	0.29	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Thorium-230	1.2		pCi/g	0.26	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Thorium-230	1.65		pCi/g	0.3	0.05	0.05	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Thorium-230	1.24		pCi/g	0.27	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Thorium-230	1.09		pCi/g	0.25	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Thorium-230	1.62		pCi/g	0.32	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Thorium-230	1.7		pCi/g	0.37	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Thorium-230	1.15		pCi/g	0.29	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Thorium-230	1.56		pCi/g	0.35	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Thorium-230	1.21		pCi/g	0.25	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Thorium-230	1.07		pCi/g	0.27	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Thorium-230	1.03		pCi/g	0.24	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Thorium-230	1.41		pCi/g	0.33	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Thorium-230	1.46		pCi/g	0.29	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Thorium-230	1.1		pCi/g	0.24	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Thorium-230	1.22		pCi/g	0.29	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Thorium-230	1.67		pCi/g	0.4	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Thorium-230	1.5		pCi/g	0.41	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Thorium-230	0.99	J	pCi/g	0.26	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Thorium-230	1.11		pCi/g	0.25	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Thorium-230	1.57		pCi/g	0.32	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Thorium-230	1.55		pCi/g	0.35	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Thorium-230	1.7		pCi/g	0.39	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Thorium-230	2.24		pCi/g	0.4	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Thorium-230	0.88	J	pCi/g	0.21	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Thorium-230	0.92	J	pCi/g	0.23	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Thorium-230	0.98	J	pCi/g	0.23	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Thorium-230	0.77	J	pCi/g	0.21	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Thorium-230	0.95	J	pCi/g	0.22	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Thorium-230	0.81	J	pCi/g	0.21	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Thorium-230	0.86	J	pCi/g	0.21	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Thorium-230	0.82	J	pCi/g	0.21	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Thorium-230	1.05		pCi/g	0.26	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Thorium-230	0.92	J	pCi/g	0.23	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Thorium-230	0.93	J	pCi/g	0.23	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Thorium-230	1.08		pCi/g	0.24	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Thorium-230	1		pCi/g	0.28	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Thorium-230	1.19		pCi/g	0.26	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Thorium-230	0.97	J	pCi/g	0.23	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Thorium-230	1.15		pCi/g	0.26	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Thorium-230	0.73	J	pCi/g	0.18	0.03	0.03	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Thorium-230	1.42		pCi/g	0.28	0.03	0.03	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Thorium-230	0.98	J	pCi/g	0.22	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Thorium-230	0.93	J	pCi/g	0.26	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Thorium-230	0.94	J	pCi/g	0.21	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Thorium-230	1.32		pCi/g	0.25	0.03	0.03	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Thorium-230	1.16		pCi/g	0.25	0.03	0.03	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Thorium-230	1.23		pCi/g	0.26	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Thorium-230	1.21		pCi/g	0.27	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Thorium-230	1.92		pCi/g	0.37	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Thorium-230	1.26		pCi/g	0.27	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Thorium-230	1.18		pCi/g	0.25	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Thorium-230	1.45		pCi/g	0.29	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Thorium-230	1.33		pCi/g	0.29	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Thorium-230	1.5		pCi/g	0.3	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Thorium-230	1.61		pCi/g	0.35	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Thorium-230	1.36		pCi/g	0.29	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Thorium-230	1.73		pCi/g	0.34	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Thorium-230	1.81		pCi/g	0.32	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Thorium-230	1.15		pCi/g	0.24	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Thorium-230	1.49		pCi/g	0.31	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Thorium-230	1.67		pCi/g	0.31	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Thorium-230	1.24		pCi/g	0.29	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Thorium-230	2.44		pCi/g	0.46	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Thorium-230	2.15		pCi/g	0.43	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Thorium-230	1.16		pCi/g	0.25	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Thorium-230	1.21		pCi/g	0.28	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Thorium-230	1.22		pCi/g	0.28	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Thorium-230	0.95	J	pCi/g	0.24	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Thorium-230	1.16		pCi/g	0.28	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Thorium-230	1.23		pCi/g	0.31	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Thorium-230	1.35		pCi/g	0.3	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Thorium-230	1.27		pCi/g	0.26	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Thorium-230	1.66		pCi/g	0.35	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Thorium-230	0.92	J	pCi/g	0.23	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Thorium-230	1.13		pCi/g	0.26	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Thorium-230	1.3		pCi/g	0.44	0.24	0.24	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Thorium-230	0.91	J	pCi/g	0.23	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Thorium-230	1.04		pCi/g	0.26	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Thorium-230	1.69		pCi/g	0.33	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Thorium-230	1.2		pCi/g	0.26	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Thorium-230	0.75	J	pCi/g	0.2	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Thorium-230	1.39		pCi/g	0.29	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Thorium-230	1.06		pCi/g	0.26	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Thorium-230	0.8	J	pCi/g	0.2	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Thorium-230	3.01		pCi/g	0.47	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Thorium-230	1.35		pCi/g	0.26	0.03	0.03	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Thorium-230	1.12		pCi/g	0.25	0.03	0.03	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Thorium-230	2.25		pCi/g	0.36	0.04	0.04	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Thorium-230	1.19		pCi/g	0.24	0.04	0.04	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Thorium-230	1.39		pCi/g	0.28	0.03	0.03	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Thorium-230	2.32		pCi/g	0.36	0.04	0.04	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Thorium-231	0.011	U	pCi/g	0.058	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Thorium-231	0.12	U	pCi/g	0.1	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Thorium-231	0.043	U	pCi/g	0.058	0.039	0.039	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Thorium-231	0.042	U	pCi/g	0.056	0.037	0.037	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Thorium-231	0.04	U	pCi/g	0.068	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Thorium-231	0.06	U	pCi/g	0.073	0.092	0.092	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Thorium-231	0.064	U	pCi/g	0.086	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Thorium-231	0.058	U	pCi/g	0.079	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Thorium-231	0.17	U	pCi/g	0.11	0.04	0.04	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Thorium-231	0.076	U	pCi/g	0.085	0.051	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Thorium-231	0.014	U	pCi/g	0.041	0.039	0.039	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Thorium-231	0	U	pCi/g	0	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Thorium-231	0.011	U	pCi/g	0.059	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Thorium-231	0.086	U	pCi/g	0.084	0.096	0.096	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Thorium-231	0.031	U	pCi/g	0.051	0.074	0.074	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Thorium-231	0	U	pCi/g	0	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Thorium-231	0.067	U	pCi/g	0.091	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Thorium-231	0.001	U	pCi/g	0.044	0.097	0.097	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Thorium-231	0.059	U	pCi/g	0.07	0.089	0.089	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Thorium-231	0.045	U	pCi/g	0.061	0.081	0.081	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Thorium-231	0.077	U	pCi/g	0.076	0.042	0.042	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Thorium-231	0.03	U	pCi/g	0.052	0.041	0.041	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Thorium-231	0.13	U	pCi/g	0.1	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Thorium-231	0.099	U	pCi/g	0.088	0.094	0.094	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Thorium-231	0.098	U	pCi/g	0.085	0.072	0.072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Thorium-231	0.0009	U	pCi/g	0.041	0.091	0.091	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Thorium-231	0.13	U	pCi/g	0.1	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Thorium-231	0.059	U	pCi/g	0.067	0.04	0.04	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Thorium-231	0.043	U	pCi/g	0.057	0.038	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Thorium-231	0.076	U	pCi/g	0.091	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Thorium-231	0.036	U	pCi/g	0.088	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Thorium-231	0.001	U	pCi/g	0.042	0.094	0.094	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Thorium-231	0.087	U	pCi/g	0.078	0.081	0.081	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Thorium-231	0.061	U	pCi/g	0.068	0.041	0.041	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Thorium-231	0.032	U	pCi/g	0.061	0.095	0.095	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Thorium-231	0.084	U	pCi/g	0.085	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Thorium-231	0.101	U	pCi/g	0.089	0.096	0.096	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Thorium-231	0.048	U	pCi/g	0.064	0.085	0.085	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Thorium-231	0.083	U	pCi/g	0.082	0.045	0.045	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Thorium-231	0.049	U	pCi/g	0.053	0.055	0.055	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Thorium-231	0.053	U	pCi/g	0.06	0.036	0.036	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Thorium-231	0.037	U	pCi/g	0.049	0.033	0.033	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Thorium-231	0.124	U	pCi/g	0.094	0.042	0.042	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Thorium-231	0.073	U	pCi/g	0.081	0.098	0.098	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Thorium-231	0.062	U	pCi/g	0.067	0.069	0.069	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Thorium-231	0.102	U	pCi/g	0.095	0.01	0.01	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Thorium-231	0.054	U	pCi/g	0.072	0.048	0.048	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Thorium-231	0.08	U	pCi/g	0.084	0.098	0.098	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Thorium-231	0.027	U	pCi/g	0.066	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Thorium-231	0.087	U	pCi/g	0.078	0.081	0.081	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Thorium-231	0.038	U	pCi/g	0.055	0.076	0.076	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Thorium-231	0.034	U	pCi/g	0.059	0.087	0.087	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Thorium-231	0.052	U	pCi/g	0.07	0.093	0.093	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Thorium-231	0.09	J	pCi/g	0.073	0.035	0.035	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Thorium-231	0.055	J	pCi/g	0.062	0.038	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Thorium-231	0.092	J	pCi/g	0.075	0.036	0.036	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Thorium-231	0	U	pCi/g	0	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Thorium-231	0.048	U	pCi/g	0.062	0.081	0.081	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Thorium-231	0.107	J	pCi/g	0.079	0.058	0.058	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Thorium-231	0.059	U	pCi/g	0.076	0.099	0.099	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Thorium-231	0.093	U	pCi/g	0.08	0.068	0.068	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Thorium-231	0.126	J+	pCi/g	0.089	0.038	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Thorium-231	0.068	U	pCi/g	0.075	0.091	0.091	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Thorium-231	0.047	U	pCi/g	0.069	0.095	0.095	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Thorium-231	0.058	U	pCi/g	0.084	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Thorium-231	0.066	U	pCi/g	0.066	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Thorium-231	0.089	U	pCi/g	0.073	0.066	0.066	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Thorium-231	0.21	J+	pCi/g	0.11	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Thorium-231	0.054	J	pCi/g	0.053	0.029	0.029	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Thorium-231	0.047	J	pCi/g	0.053	0.032	0.032	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Thorium-231	0.047	U	pCi/g	0.055	0.064	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Thorium-231	0.03	U	pCi/g	0.059	0.091	0.091	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Thorium-231	0.043	U	pCi/g	0.062	0.086	0.086	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Thorium-231	0.077	U	pCi/g	0.093	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Thorium-231	0.097	J	pCi/g	0.077	0.075	0.075	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Thorium-231	0.052	J	pCi/g	0.058	0.035	0.035	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Thorium-231	0.063	U	pCi/g	0.073	0.091	0.091	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Thorium-231	0.11	U	pCi/g	0.11	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Thorium-231	0.12	U	pCi/g	0.1	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Thorium-231	0.087	U	pCi/g	0.083	0.077	0.077	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Thorium-231	0.101	U	pCi/g	0.08	0.063	0.063	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Thorium-231	0.057	U	pCi/g	0.069	0.087	0.087	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Thorium-231	0.016	U	pCi/g	0.052	0.094	0.094	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Thorium-231	0.054	U	pCi/g	0.06	0.036	0.036	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Thorium-231	0.052	U	pCi/g	0.071	0.096	0.096	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Thorium-231	0.041	U	pCi/g	0.065	0.093	0.093	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Thorium-231	0.13	U	pCi/g	0.1	0.1	0.1	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Thorium-231	0.027	U	pCi/g	0.045	0.064	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Thorium-231	0.1	U	pCi/g	0.093	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Thorium-231	0.088	U	pCi/g	0.082	0.089	0.089	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Thorium-231	0.09	U	pCi/g	0.084	0.091	0.091	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Thorium-231	0.06	U	pCi/g	0.082	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Thorium-231	0.06	U	pCi/g	0.067	0.041	0.041	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Thorium-231	0.058	U	pCi/g	0.065	0.039	0.039	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Thorium-231	0.18	J+	pCi/g	0.11	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Thorium-232	1.78		pCi/g	0.4	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Thorium-232	1.43		pCi/g	0.28	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Thorium-232	1.46		pCi/g	0.29	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Thorium-232	1.94		pCi/g	0.35	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Thorium-232	1.63		pCi/g	0.32	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Thorium-232	1.52		pCi/g	0.29	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Thorium-232	2.23		pCi/g	0.38	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Thorium-232	1.51		pCi/g	0.3	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Thorium-232	1.5		pCi/g	0.3	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Thorium-232	1.9		pCi/g	0.39	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Thorium-232	2.06		pCi/g	0.41	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Thorium-232	1.69		pCi/g	0.36	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Thorium-232	1.81		pCi/g	0.32	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Thorium-232	2		pCi/g	0.39	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Thorium-232	1.37		pCi/g	0.28	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Thorium-232	2.12		pCi/g	0.42	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Thorium-232	2.04		pCi/g	0.35	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Thorium-232	1.98		pCi/g	0.34	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Thorium-232	2.05		pCi/g	0.39	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Thorium-232	1.5		pCi/g	0.37	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Thorium-232	2.1		pCi/g	0.5	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Thorium-232	1.77		pCi/g	0.36	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Thorium-232	1.53		pCi/g	0.31	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Thorium-232	1.52		pCi/g	0.31	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Thorium-232	2.09		pCi/g	0.41	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Thorium-232	1.97		pCi/g	0.43	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Thorium-232	1.38		pCi/g	0.3	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Thorium-232	1.32		pCi/g	0.26	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Thorium-232	1.3		pCi/g	0.27	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Thorium-232	1.42		pCi/g	0.28	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Thorium-232	1.77		pCi/g	0.33	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Thorium-232	1.5		pCi/g	0.29	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Thorium-232	1.52		pCi/g	0.3	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Thorium-232	1.34		pCi/g	0.27	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Thorium-232	1.43		pCi/g	0.29	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Thorium-232	1.38		pCi/g	0.3	0.07	0.07	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Thorium-232	1.69		pCi/g	0.31	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Thorium-232	1.53		pCi/g	0.29	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Thorium-232	1.55		pCi/g	0.29	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Thorium-232	1.75		pCi/g	0.38	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Thorium-232	1.92		pCi/g	0.34	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Thorium-232	2.06		pCi/g	0.36	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Thorium-232	1.57		pCi/g	0.31	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Thorium-232	1.52		pCi/g	0.27	0.03	0.03	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Thorium-232	1.91		pCi/g	0.33	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Thorium-232	1.77		pCi/g	0.31	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Thorium-232	1.84		pCi/g	0.39	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Thorium-232	1.8		pCi/g	0.31	0.03	0.03	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Thorium-232	1.78		pCi/g	0.3	0.04	0.04	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Thorium-232	1.79		pCi/g	0.32	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Thorium-232	1.82		pCi/g	0.32	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Thorium-232	1.7		pCi/g	0.33	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Thorium-232	1.59		pCi/g	0.33	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Thorium-232	2.08		pCi/g	0.36	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Thorium-232	1.24		pCi/g	0.26	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Thorium-232	1.33		pCi/g	0.27	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Thorium-232	2		pCi/g	0.36	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Thorium-232	1.3		pCi/g	0.28	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Thorium-232	1.28		pCi/g	0.3	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Thorium-232	1.89		pCi/g	0.35	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Thorium-232	1.22		pCi/g	0.27	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Thorium-232	1.26		pCi/g	0.26	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Thorium-232	1.45		pCi/g	0.27	0.04	0.04	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Thorium-232	1.31		pCi/g	0.29	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Thorium-232	1.34		pCi/g	0.27	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Thorium-232	1.97		pCi/g	0.37	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Thorium-232	1.26		pCi/g	0.31	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Thorium-232	1.23		pCi/g	0.31	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Thorium-232	1.82		pCi/g	0.32	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Thorium-232	2.01		pCi/g	0.37	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Thorium-232	1.9		pCi/g	0.36	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Thorium-232	1.79		pCi/g	0.34	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Thorium-232	1.57		pCi/g	0.33	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Thorium-232	1.89		pCi/g	0.4	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Thorium-232	1.52		pCi/g	0.31	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Thorium-232	1.77		pCi/g	0.31	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Thorium-232	1.91		pCi/g	0.38	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Thorium-232	1.57		pCi/g	0.32	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Thorium-232	1.97		pCi/g	0.36	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Thorium-232	1.41		pCi/g	0.45	0.21	0.21	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Thorium-232	1.71		pCi/g	0.33	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Thorium-232	1.74		pCi/g	0.35	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Thorium-232	1.85		pCi/g	0.34	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Thorium-232	1.54		pCi/g	0.3	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Thorium-232	1.4		pCi/g	0.27	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Thorium-232	1.69		pCi/g	0.33	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Thorium-232	1.7		pCi/g	0.34	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Thorium-232	1.36		pCi/g	0.27	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Thorium-232	1.34		pCi/g	0.29	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Thorium-232	1.72		pCi/g	0.3	0.03	0.03	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Thorium-232	1.74		pCi/g	0.32	0.03	0.03	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Thorium-232	1.47		pCi/g	0.28	0.04	0.04	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Thorium-232	1.51		pCi/g	0.28	0.04	0.04	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Thorium-232	1.6		pCi/g	0.31	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Thorium-232	1.25		pCi/g	0.24	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Thorium-234	2.02		pCi/g	0.57	0.98	0.98	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Thorium-234	2.16		pCi/g	0.69	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Thorium-234	1.35		pCi/g	0.73	1.3	1.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Thorium-234	1.64		pCi/g	0.55	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Thorium-234	2		pCi/g	1	1.3	1.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Thorium-234	1.79		pCi/g	0.56	1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Thorium-234	0.72	U	pCi/g	0.69	1.2	1.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Thorium-234	1.19	U	pCi/g	0.77	1.3	1.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Thorium-234	2.5		pCi/g	0.89	1.4	1.4	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Thorium-234	1.84		pCi/g	0.55	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Thorium-234	2.18		pCi/g	0.82	1.3	1.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Thorium-234	1.2		pCi/g	0.66	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Thorium-234	0.83	U	pCi/g	0.64	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Thorium-234	0.75	U	pCi/g	0.82	1.3	1.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Thorium-234	1.66		pCi/g	0.5	0.86	0.86	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Thorium-234	2.07		pCi/g	0.57	0.98	0.98	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Thorium-234	0.97	U	pCi/g	0.75	1.3	1.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Thorium-234	1.37		pCi/g	0.72	1.2	1.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Thorium-234	-0.26	U	pCi/g	0.92	1.4	1.4	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Thorium-234	1.64		pCi/g	0.58	1.2	1.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Thorium-234	0.85	U	pCi/g	0.72	1.3	1.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Thorium-234	1.2		pCi/g	0.65	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Thorium-234	1.82		pCi/g	0.57	1	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Thorium-234	1.57		pCi/g	0.67	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Thorium-234	1	U	pCi/g	1.2	1.4	1.4	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Thorium-234	0.46	U	pCi/g	0.62	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Thorium-234	1.05	U	pCi/g	0.48	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Thorium-234	1.05	U	pCi/g	0.65	1.2	1.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Thorium-234	0.32	U	pCi/g	0.66	1	1	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Thorium-234	0.46	U	pCi/g	0.69	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Thorium-234	0.81	U	pCi/g	0.63	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Thorium-234	0.77	U	pCi/g	0.64	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Thorium-234	1.11		pCi/g	0.87	0.92	0.92	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Thorium-234	1.68		pCi/g	0.74	1.2	1.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Thorium-234	1.36		pCi/g	0.68	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Thorium-234	1.35		pCi/g	0.94	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Thorium-234	0.24	U	pCi/g	0.65	1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Thorium-234	2.06		pCi/g	0.55	0.95	0.95	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Thorium-234	2.3		pCi/g	1.1	1.4	1.4	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Thorium-234	1.77		pCi/g	0.5	0.9	0.9	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Thorium-234	1.76		pCi/g	0.53	0.99	0.99	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Thorium-234	0.75	U	pCi/g	0.36	0.92	0.92	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Thorium-234	1.86		pCi/g	0.69	1.2	1.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Thorium-234	1.1	U	pCi/g	0.68	1.2	1.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Thorium-234	1.58		pCi/g	0.46	0.81	0.81	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Thorium-234	1.51		pCi/g	0.8	1.4	1.4	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Thorium-234	1.21	U	pCi/g	0.73	1.4	1.4	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Thorium-234	1.73		pCi/g	0.69	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Thorium-234	-0.53	U	pCi/g	0.9	1.3	1.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Thorium-234	1.39	U	pCi/g	0.77	1.4	1.4	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Thorium-234	1.5		pCi/g	0.69	1.2	1.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Thorium-234	-0.26	U	pCi/g	0.69	1	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Thorium-234	1.55		pCi/g	0.74	1.3	1.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Thorium-234	1.84		pCi/g	0.53	0.95	0.95	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Thorium-234	1.54		pCi/g	0.78	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Thorium-234	0.43	U	pCi/g	0.65	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Thorium-234	1.12		pCi/g	0.92	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Thorium-234	0.84	U	pCi/g	0.67	1.2	1.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Thorium-234	1.52		pCi/g	0.51	1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Thorium-234	1.85		pCi/g	0.54	0.87	0.87	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Thorium-234	0.75	U	pCi/g	0.7	1.3	1.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Thorium-234	1.19		pCi/g	0.62	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Thorium-234	1.43		pCi/g	0.74	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Thorium-234	1.35		pCi/g	0.72	1.2	1.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Thorium-234	2.29		pCi/g	0.81	0.99	0.99	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Thorium-234	1.31		pCi/g	0.48	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Thorium-234	1.73		pCi/g	0.58	1	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Thorium-234	1.85		pCi/g	0.7	1.2	1.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Thorium-234	1.43		pCi/g	0.77	1.3	1.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Thorium-234	1.62		pCi/g	0.7	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Thorium-234	1.71		pCi/g	0.55	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Thorium-234	0.58	U	pCi/g	0.57	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Thorium-234	1.6		pCi/g	0.76	1.3	1.3	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Thorium-234	2.01		pCi/g	0.7	1.2	1.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Thorium-234	1.72		pCi/g	0.54	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Thorium-234	1.4		pCi/g	0.65	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Thorium-234	0.27	U	pCi/g	0.69	1.2	1.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Thorium-234	0.6	U	pCi/g	0.59	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Thorium-234	1.3		pCi/g	1.1	1	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Thorium-234	1.48		pCi/g	0.49	0.85	0.85	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Thorium-234	1.92		pCi/g	0.7	0.91	0.91	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Thorium-234	0.95	U	pCi/g	0.73	1.4	1.4	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Thorium-234	2.08		pCi/g	0.68	1.2	1.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Thorium-234	0.73	U	pCi/g	0.65	1.2	1.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Thorium-234	0.32	U	pCi/g	0.81	1.2	1.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Thorium-234	1.44		pCi/g	0.47	0.9	0.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Thorium-234	1.27		pCi/g	0.48	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Thorium-234	1.24		pCi/g	0.59	1	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Thorium-234	1.59		pCi/g	0.51	0.95	0.95	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Thorium-234	0.97	U	pCi/g	0.7	1.2	1.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Thorium-234	1	U	pCi/g	0.64	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Thorium-234	1.6		pCi/g	0.5	0.86	0.86	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Thorium-234	0.78	U	pCi/g	0.7	1.2	1.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Thorium-234	0.92	U	pCi/g	0.72	1.3	1.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Thorium-234	1.8		pCi/g	0.53	0.92	0.92	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Tin	0.78	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Tin	0.32	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Tin	0.41	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Tin	0.66	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Tin	0.45	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Tin	0.29	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Tin	0.56	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Tin	0.25	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Tin	0.24	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Tin	0.38	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Tin	0.43	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Tin	0.4	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Tin	0.53	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Tin	0.62	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Tin	0.43	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Tin	0.56	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Tin	0.4	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Tin	0.51	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Tin	0.67	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Tin	0.52	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Tin	0.4	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Tin	0.54	J	mg/kg		1	0.187	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Tin	0.4	J	mg/kg		1.1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Tin	0.4	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Tin	0.66	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Tin	0.44	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Tin	0.37	J	mg/kg		1.1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Tin	0.58	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Tin	0.68	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Tin	0.5	J	mg/kg		1.1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Tin	0.61	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Tin	0.57	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Tin	0.63	J	mg/kg		1.1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Tin	0.65	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Tin	0.5	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Tin	0.53	J	mg/kg		1.1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Tin	0.53	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Tin	0.59	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Tin	0.55	J	mg/kg		1.1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Tin	0.47	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Tin	0.37	J	mg/kg		1.3	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Tin	0.46	J	mg/kg		1.1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Tin	0.55	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Tin	0.52	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Tin	0.48	J	mg/kg		1.1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Tin	0.52	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Tin	0.61	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Tin	0.44	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Tin	0.4	J	mg/kg		1.1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Tin	0.52	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Tin	0.51	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Tin	0.52	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Tin	0.39	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Tin	0.61	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Tin	0.46	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Tin	0.39	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Tin	0.55	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Tin	0.44	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Tin	0.38	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Tin	0.63	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Tin	0.48	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Tin	0.33	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Tin	0.54	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Tin	0.42	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Tin	0.36	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Tin	0.54	J	mg/kg		1	0.187	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Tin	0.43	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Tin	0.39	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Tin	0.63	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Tin	0.53	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Tin	0.58	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Tin	0.41	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Tin	0.53	J	mg/kg		1.1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Tin	0.45	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Tin	0.53	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Tin	0.49	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Tin	0.55	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Tin	0.59	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Tin	0.55	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Tin	0.51	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Tin	0.8	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Tin	0.75	J	mg/kg		1.1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Tin	0.46	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Tin	0.69	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Tin	0.63	J	mg/kg		1.1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Tin	0.59	J	mg/kg		1.1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Tin	0.61	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Tin	0.39	J	mg/kg		1.1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Tin	0.44	J	mg/kg		1.1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Tin	0.51	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Tin	0.42	J	mg/kg		1.1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Tin	0.32	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Tin	0.41	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Tin	0.4	J	mg/kg		1.1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Tin	0.34	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Titanium	681		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Titanium	376		mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Titanium	490		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Titanium	571		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Titanium	570		mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Titanium	262		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Titanium	472		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Titanium	311		mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Titanium	352		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Titanium	371		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Titanium	536		mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Titanium	586		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Titanium	549		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Titanium	703		mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Titanium	582		mg/kg		1	0.1175	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Titanium	530		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Titanium	495		mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Titanium	616		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Titanium	641		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Titanium	673		mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Titanium	483		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Titanium	562		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Titanium	531		mg/kg		1.1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Titanium	448		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Titanium	558		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Titanium	539		mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Titanium	414		mg/kg		1.1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Titanium	702	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Titanium	958	J	mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Titanium	701	J	mg/kg		1.1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Titanium	936	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Titanium	704	J	mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Titanium	758	J	mg/kg		1.1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Titanium	779	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Titanium	510		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Titanium	749	J	mg/kg		1.1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Titanium	739	J	mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Titanium	839	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Titanium	515	J	mg/kg		1.1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Titanium	535		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Titanium	388		mg/kg		1.3	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Titanium	436		mg/kg		1.1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Titanium	659	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Titanium	624		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Titanium	432		mg/kg		1.1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Titanium	509		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Titanium	673	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Titanium	458		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Titanium	368		mg/kg		1.1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Titanium	512		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Titanium	478	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Titanium	545	J	mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Titanium	533	J	mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Titanium	589	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Titanium	651	J	mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Titanium	481	J	mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Titanium	540	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Titanium	590	J	mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Titanium	503	J	mg/kg		1	0.1175	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Titanium	481		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Titanium	299		mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Titanium	330		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Titanium	550	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Titanium	393		mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Titanium	312		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Titanium	467		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Titanium	366		mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Titanium	386		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Titanium	683	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Titanium	673	J	mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Titanium	657	J	mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Titanium	509	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Titanium	600	J	mg/kg		1.1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Titanium	473	J	mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Titanium	618	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Titanium	531	J	mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Titanium	621	J	mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Titanium	677	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Titanium	671	J	mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Titanium	674	J	mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Titanium	438	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Titanium	1010	J	mg/kg		1.1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Titanium	597	J	mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Titanium	864	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Titanium	879	J	mg/kg		1.1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Titanium	858	J	mg/kg		1.1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Titanium	572		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Titanium	446		mg/kg		1.1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Titanium	504		mg/kg		1.1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Titanium	618		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Titanium	492		mg/kg		1.1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Titanium	416		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Titanium	459		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Titanium	461		mg/kg		1.1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Titanium	402		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Tungsten	1.4	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Tungsten	1.1	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Tungsten	1.8	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Tungsten	0.97	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Tungsten	1.3	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Tungsten	0.67	U	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Tungsten	1.6	U	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Tungsten	0.66	U	mg/kg		2.6	0.0175	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Tungsten	1.2	U	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Tungsten	0.77	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Tungsten	0.97	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Tungsten	0.89	UJ	mg/kg		2.5	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Tungsten	0.75	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Tungsten	1.8	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Tungsten	1.4	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Tungsten	1.1	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Tungsten	1.5	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Tungsten	2.1	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Tungsten	1.7	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Tungsten	2.2	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Tungsten	1.2	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Tungsten	1.2	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Tungsten	1	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Tungsten	1	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Tungsten	0.95	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Tungsten	1.8	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Tungsten	1.6	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Tungsten	2.5	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Tungsten	1.8	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Tungsten	1.1	UJ	mg/kg		2.7	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Tungsten	0.93	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Tungsten	1.1	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Tungsten	2	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Tungsten	1.5	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Tungsten	1.6	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Tungsten	1.2	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Tungsten	1.2	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Tungsten	0.86	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Tungsten	1	UJ	mg/kg		2.7	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Tungsten	1	U	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Tungsten	1	U	mg/kg		3.2	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Tungsten	0.84	U	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Tungsten	1.7	UJ	mg/kg		2.6	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Tungsten	0.73	U	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Tungsten	0.64	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Tungsten	0.51	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Tungsten	1.3	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Tungsten	1.4	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Tungsten	0.99	UJ	mg/kg		2.7	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Tungsten	0.89	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Tungsten	1	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Tungsten	1.8	UJ	mg/kg		2.6	0.0175	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Tungsten	1.7	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Tungsten	1.1	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Tungsten	1.1	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Tungsten	0.87	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Tungsten	0.89	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Tungsten	0.88	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Tungsten	0.67	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Tungsten	1.9	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Tungsten	1.4	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Tungsten	1.3	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Tungsten	0.49	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Tungsten	2	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Tungsten	1.5	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Tungsten	1	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Tungsten	0.99	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Tungsten	1.1	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Tungsten	0.62	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Tungsten	1.5	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Tungsten	1.4	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Tungsten	0.78	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Tungsten	1.1	UJ	mg/kg		2.7	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Tungsten	2.1	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Tungsten	0.71	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Tungsten	0.7	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Tungsten	0.74	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Tungsten	1.2	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Tungsten	1	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Tungsten	1.1	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Tungsten	1	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Tungsten	0.84	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Tungsten	0.93	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Tungsten	1.5	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Tungsten	1.9	UJ	mg/kg		2.7	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Tungsten	1.5	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Tungsten	0.9	U	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Tungsten	0.65	U	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Tungsten	0.94	U	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Tungsten	0.97	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Tungsten	2	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Tungsten	1.3	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Tungsten	0.93	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Tungsten	0.75	UJ	mg/kg		2.7	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Tungsten	0.87	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Uranium (total)	1		mg/kg		1	0.038	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Uranium (total)	0.86	J	mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Uranium (total)	1.3		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Uranium (total)	0.85	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Uranium (total)	1.1		mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Uranium (total)	0.74	J	mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Uranium (total)	0.93	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Uranium (total)	0.81	J	mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Uranium (total)	1.1		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Uranium (total)	0.64	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Uranium (total)	0.76	J	mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Uranium (total)	0.68	J	mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Uranium (total)	0.96	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Uranium (total)	0.84	J	mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Uranium (total)	0.83	J	mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Uranium (total)	1.1		mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Uranium (total)	0.73	J	mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Uranium (total)	0.84	J	mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Uranium (total)	0.97	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Uranium (total)	0.99	J	mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Uranium (total)	0.9	J	mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Uranium (total)	0.8	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Uranium (total)	0.8	J	mg/kg		1.1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Uranium (total)	1.1		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Uranium (total)	0.86	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Uranium (total)	0.78	J	mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Uranium (total)	1.7		mg/kg		1.1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Uranium (total)	0.89	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Uranium (total)	1.1		mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Uranium (total)	0.94	J	mg/kg		1.1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Uranium (total)	0.94	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Uranium (total)	1.1		mg/kg		1.1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Uranium (total)	1.1		mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Uranium (total)	0.62	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Uranium (total)	1	J	mg/kg		1.1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Uranium (total)	0.92	J	mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Uranium (total)	1.2		mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Uranium (total)	1	J	mg/kg		1.1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Uranium (total)	0.73	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Uranium (total)	0.8	J	mg/kg		1.3	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Uranium (total)	0.95	J	mg/kg		1.1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Uranium (total)	0.89	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Uranium (total)	1.1		mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Uranium (total)	1	J	mg/kg		1.1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Uranium (total)	0.89	J	mg/kg		1	0.038	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Uranium (total)	1		mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Uranium (total)	0.82	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Uranium (total)	0.72	J	mg/kg		1.1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Uranium (total)	0.84	J	mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Uranium (total)	0.81	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Uranium (total)	1.2		mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Uranium (total)	1.4		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Uranium (total)	1.1		mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Uranium (total)	1.3		mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Uranium (total)	1.2		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Uranium (total)	1		mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Uranium (total)	1.3		mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Uranium (total)	1.3		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Uranium (total)	1.3		mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Uranium (total)	1.2		mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Uranium (total)	0.93	J	mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Uranium (total)	0.76	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Uranium (total)	0.91	J	mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Uranium (total)	0.93	J	mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Uranium (total)	0.85	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Uranium (total)	1.1		mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Uranium (total)	1.2		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Uranium (total)	1	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Uranium (total)	1		mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Uranium (total)	1.3		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Uranium (total)	0.82	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Uranium (total)	1.2		mg/kg		1.1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Uranium (total)	0.95	J	mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Uranium (total)	0.92	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Uranium (total)	1	J	mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Uranium (total)	1.2		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Uranium (total)	1.1		mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Uranium (total)	0.9	J	mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Uranium (total)	1.1		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Uranium (total)	0.87	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Uranium (total)	1.1		mg/kg		1.1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Uranium (total)	0.93	J	mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Uranium (total)	0.97	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Uranium (total)	1.1		mg/kg		1.1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Uranium (total)	1.3		mg/kg		1.1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Uranium (total)	0.79	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Uranium (total)	1	J	mg/kg		1.1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Uranium (total)	2.7		mg/kg		1.1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Uranium (total)	0.71	J	mg/kg		1	0.038	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Uranium (total)	0.82	J	mg/kg		1.1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Uranium (total)	1.7		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Uranium (total)	1.8		mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Uranium (total)	1.1		mg/kg		1.1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Uranium (total)	2.3		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Uranium-234	0.63	U	pCi/g	0.2	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Uranium-234	2.44		pCi/g	0.45	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Uranium-234	1.73		pCi/g	0.33	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Uranium-234	0.72	U	pCi/g	0.19	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Uranium-234	1.73		pCi/g	0.34	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Uranium-234	1.95		pCi/g	0.36	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Uranium-234	0.82	U	pCi/g	0.25	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Uranium-234	1.59		pCi/g	0.33	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Uranium-234	1.92		pCi/g	0.35	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Uranium-234	1.22	J+	pCi/g	0.3	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Uranium-234	0.92	U	pCi/g	0.23	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Uranium-234	1.16	U	pCi/g	0.28	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Uranium-234	1	U	pCi/g	0.26	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Uranium-234	1.01	U	pCi/g	0.25	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Uranium-234	1.03	U	pCi/g	0.26	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Uranium-234	1.22	J+	pCi/g	0.33	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Uranium-234	1.14	U	pCi/g	0.31	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Uranium-234	1.17	U	pCi/g	0.28	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Uranium-234	0.85	U	pCi/g	0.22	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Uranium-234	1.16	U	pCi/g	0.26	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Uranium-234	1.56		pCi/g	0.32	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Uranium-234	1.05	U	pCi/g	0.25	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Uranium-234	1.23	J+	pCi/g	0.28	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Uranium-234	1.84		pCi/g	0.34	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Uranium-234	0.84	U	pCi/g	0.23	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Uranium-234	1.07	U	pCi/g	0.26	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Uranium-234	2.3		pCi/g	0.41	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Uranium-234	0.89	U	pCi/g	0.22	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Uranium-234	0.9	U	pCi/g	0.22	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Uranium-234	1.07	U	pCi/g	0.28	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Uranium-234	0.76	U	pCi/g	0.26	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Uranium-234	0.76	U	pCi/g	0.21	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Uranium-234	0.85	U	pCi/g	0.22	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Uranium-234	0.85	U	pCi/g	0.22	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Uranium-234	0.68	U	pCi/g	0.21	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Uranium-234	0.76	U	pCi/g	0.21	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Uranium-234	0.86	U	pCi/g	0.23	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Uranium-234	0.9	U	pCi/g	0.23	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Uranium-234	0.83	U	pCi/g	0.23	0.08	0.08	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Uranium-234	0.83	U	pCi/g	0.2	0.04	0.04	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Uranium-234	1.02	U	pCi/g	0.23	0.03	0.03	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Uranium-234	0.96	U	pCi/g	0.21	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Uranium-234	0.88	U	pCi/g	0.23	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Uranium-234	0.83	U	pCi/g	0.22	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Uranium-234	0.95	U	pCi/g	0.24	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Uranium-234	1.23	J+	pCi/g	0.3	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Uranium-234	1.16	U	pCi/g	0.29	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Uranium-234	1	U	pCi/g	0.25	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Uranium-234	1.14	U	pCi/g	0.27	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Uranium-234	1.04	U	pCi/g	0.24	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Uranium-234	0.96	J	pCi/g	0.24	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Uranium-234	1.07		pCi/g	0.25	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Uranium-234	1.84		pCi/g	0.38	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Uranium-234	1.23		pCi/g	0.27	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Uranium-234	1.21		pCi/g	0.28	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Uranium-234	1.37		pCi/g	0.29	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Uranium-234	1.13		pCi/g	0.3	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Uranium-234	1.24		pCi/g	0.27	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Uranium-234	1.21		pCi/g	0.27	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Uranium-234	1.02	U	pCi/g	0.25	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Uranium-234	1.27		pCi/g	0.29	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Uranium-234	1.94		pCi/g	0.35	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Uranium-234	0.96	J	pCi/g	0.23	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Uranium-234	1.15		pCi/g	0.27	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Uranium-234	1.9		pCi/g	0.4	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Uranium-234	1.02	U	pCi/g	0.24	0.03	0.03	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Uranium-234	1.99		pCi/g	0.34	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Uranium-234	2.06		pCi/g	0.34	0.04	0.04	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Uranium-234	0.85	J	pCi/g	0.2	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Uranium-234	0.94	J	pCi/g	0.22	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Uranium-234	1.24		pCi/g	0.27	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Uranium-234	0.7	J	pCi/g	0.22	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Uranium-234	1.08		pCi/g	0.26	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Uranium-234	1.48		pCi/g	0.37	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Uranium-234	0.9	J	pCi/g	0.22	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Uranium-234	1.17		pCi/g	0.29	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Uranium-234	1.13		pCi/g	0.3	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Uranium-234	0.98	U	pCi/g	0.28	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Uranium-234	0.92	U	pCi/g	0.24	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Uranium-234	0.95	U	pCi/g	0.26	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Uranium-234	0.97	U	pCi/g	0.24	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Uranium-234	0.94	U	pCi/g	0.23	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Uranium-234	1.25	J+	pCi/g	0.28	0.08	0.08	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Uranium-234	0.79	U	pCi/g	0.2	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Uranium-234	0.76	U	pCi/g	0.21	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Uranium-234	1.31		pCi/g	0.28	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Uranium-234	0.98	U	pCi/g	0.24	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Uranium-234	1.05	U	pCi/g	0.25	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Uranium-234	2.66		pCi/g	0.46	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Uranium-234	0.78	U	pCi/g	0.21	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Uranium-234	1.45		pCi/g	0.3	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Uranium-234	2.84		pCi/g	0.48	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Uranium-234	1.09	U	pCi/g	0.25	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Uranium-234	1.2	J+	pCi/g	0.26	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Uranium-234	2.73		pCi/g	0.44	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Uranium-235	0.011	U	pCi/g	0.058	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Uranium-235	0.12	J	pCi/g	0.1	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Uranium-235	0.043	J	pCi/g	0.058	0.039	0.039	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Uranium-235	0.042	J	pCi/g	0.056	0.037	0.037	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Uranium-235	0.04	U	pCi/g	0.068	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Uranium-235	0.06	U	pCi/g	0.073	0.092	0.092	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Uranium-235	0.064	U	pCi/g	0.086	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Uranium-235	0.058	U	pCi/g	0.079	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Uranium-235	0.17	J	pCi/g	0.11	0.04	0.04	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Uranium-235	0.076	J	pCi/g	0.085	0.051	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Uranium-235	0.014	U	pCi/g	0.041	0.039	0.039	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Uranium-235	0	U	pCi/g	0	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Uranium-235	0.011	U	pCi/g	0.059	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Uranium-235	0.086	U	pCi/g	0.084	0.096	0.096	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Uranium-235	0.031	U	pCi/g	0.051	0.074	0.074	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Uranium-235	0	U	pCi/g	0	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Uranium-235	0.067	U	pCi/g	0.091	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Uranium-235	0.001	U	pCi/g	0.044	0.097	0.097	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Uranium-235	0.059	U	pCi/g	0.07	0.089	0.089	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Uranium-235	0.045	U	pCi/g	0.061	0.081	0.081	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Uranium-235	0.077	J	pCi/g	0.076	0.042	0.042	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Uranium-235	0.03	U	pCi/g	0.052	0.041	0.041	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Uranium-235	0.13	J	pCi/g	0.1	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Uranium-235	0.099	J	pCi/g	0.088	0.094	0.094	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Uranium-235	0.098	J	pCi/g	0.085	0.072	0.072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Uranium-235	0.0009	U	pCi/g	0.041	0.091	0.091	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Uranium-235	0.13	J	pCi/g	0.1	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Uranium-235	0.059	J	pCi/g	0.067	0.04	0.04	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Uranium-235	0.043	J	pCi/g	0.057	0.038	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Uranium-235	0.076	U	pCi/g	0.091	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Uranium-235	0.036	U	pCi/g	0.088	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Uranium-235	0.001	U	pCi/g	0.042	0.094	0.094	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Uranium-235	0.087	J	pCi/g	0.078	0.081	0.081	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Uranium-235	0.061	J	pCi/g	0.068	0.041	0.041	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Uranium-235	0.032	U	pCi/g	0.061	0.095	0.095	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Uranium-235	0.084	U	pCi/g	0.085	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Uranium-235	0.101	J	pCi/g	0.089	0.096	0.096	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Uranium-235	0.048	U	pCi/g	0.064	0.085	0.085	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Uranium-235	0.083	J	pCi/g	0.082	0.045	0.045	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Uranium-235	0.049	U	pCi/g	0.053	0.055	0.055	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Uranium-235	0.053	J	pCi/g	0.06	0.036	0.036	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Uranium-235	0.037	J	pCi/g	0.049	0.033	0.033	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Uranium-235	0.124	J	pCi/g	0.094	0.042	0.042	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Uranium-235	0.073	U	pCi/g	0.081	0.098	0.098	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Uranium-235	0.062	U	pCi/g	0.067	0.069	0.069	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Uranium-235	0.102	U	pCi/g	0.095	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Uranium-235	0.054	J	pCi/g	0.072	0.048	0.048	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Uranium-235	0.08	U	pCi/g	0.084	0.098	0.098	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Uranium-235	0.027	U	pCi/g	0.066	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Uranium-235	0.087	J	pCi/g	0.078	0.081	0.081	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Uranium-235	0.038	U	pCi/g	0.055	0.076	0.076	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Uranium-235	0.034	U	pCi/g	0.059	0.087	0.087	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Uranium-235	0.052	U	pCi/g	0.07	0.093	0.093	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Uranium-235	0.09	J	pCi/g	0.073	0.035	0.035	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Uranium-235	0.055	J	pCi/g	0.062	0.038	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Uranium-235	0.092	J	pCi/g	0.075	0.036	0.036	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Uranium-235	0	U	pCi/g	0	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Uranium-235	0.048	U	pCi/g	0.062	0.081	0.081	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Uranium-235	0.107	J	pCi/g	0.079	0.058	0.058	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Uranium-235	0.059	U	pCi/g	0.076	0.099	0.099	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Uranium-235	0.093	J	pCi/g	0.08	0.068	0.068	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Uranium-235	0.126	J	pCi/g	0.089	0.038	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Uranium-235	0.068	U	pCi/g	0.075	0.091	0.091	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Uranium-235	0.047	U	pCi/g	0.069	0.095	0.095	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Uranium-235	0.058	U	pCi/g	0.084	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Uranium-235	0.066	U	pCi/g	0.066	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Uranium-235	0.089	J	pCi/g	0.073	0.066	0.066	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Uranium-235	0.21	J	pCi/g	0.11	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Uranium-235	0.054	J	pCi/g	0.053	0.029	0.029	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Uranium-235	0.047	J	pCi/g	0.053	0.032	0.032	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Uranium-235	0.047	U	pCi/g	0.055	0.064	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Uranium-235	0.03	U	pCi/g	0.059	0.091	0.091	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Uranium-235	0.043	U	pCi/g	0.062	0.086	0.086	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Uranium-235	0.077	U	pCi/g	0.093	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Uranium-235	0.097	J	pCi/g	0.077	0.075	0.075	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Uranium-235	0.081	J	pCi/g	0.08	0.044	0.044	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Uranium-235	0.14	J	pCi/g	0.11	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Uranium-235	0.11	U	pCi/g	0.11	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Uranium-235	0.12	J	pCi/g	0.1	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Uranium-235	0.087	J	pCi/g	0.083	0.077	0.077	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Uranium-235	0.101	J	pCi/g	0.08	0.063	0.063	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Uranium-235	0.057	U	pCi/g	0.069	0.087	0.087	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Uranium-235	0.016	U	pCi/g	0.052	0.094	0.094	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Uranium-235	0.054	J	pCi/g	0.06	0.036	0.036	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Uranium-235	0.052	U	pCi/g	0.071	0.096	0.096	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Uranium-235	0.041	U	pCi/g	0.065	0.093	0.093	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Uranium-235	0.13	J	pCi/g	0.1	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Uranium-235	0.027	U	pCi/g	0.045	0.064	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Uranium-235	0.1	U	pCi/g	0.093	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Uranium-235	0.088	U	pCi/g	0.082	0.089	0.089	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Uranium-235	0.09	U	pCi/g	0.084	0.091	0.091	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Uranium-235	0.06	U	pCi/g	0.082	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Uranium-235	0.06	J	pCi/g	0.067	0.041	0.041	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Uranium-235	0.058	J	pCi/g	0.065	0.039	0.039	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Uranium-235	0.18	J	pCi/g	0.11	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Uranium-238	0.77	J	pCi/g	0.22	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Uranium-238	1.43		pCi/g	0.32	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Uranium-238	1.38		pCi/g	0.29	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Uranium-238	0.78	J	pCi/g	0.2	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Uranium-238	1.56		pCi/g	0.31	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Uranium-238	1.53		pCi/g	0.31	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Uranium-238	0.88	J	pCi/g	0.26	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Uranium-238	1.32		pCi/g	0.29	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Uranium-238	1.75		pCi/g	0.33	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Uranium-238	1.38		pCi/g	0.32	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Uranium-238	1.02		pCi/g	0.24	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Uranium-238	1.31		pCi/g	0.3	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Uranium-238	1.08		pCi/g	0.26	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Uranium-238	0.99	J	pCi/g	0.24	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Uranium-238	1.07		pCi/g	0.27	0.04	0.04	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Uranium-238	1.14		pCi/g	0.31	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Uranium-238	1.07		pCi/g	0.29	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Uranium-238	1.1		pCi/g	0.26	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Uranium-238	0.74	J	pCi/g	0.2	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Uranium-238	1.23		pCi/g	0.26	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Uranium-238	1.39		pCi/g	0.3	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Uranium-238	1.16		pCi/g	0.26	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Uranium-238	1.17		pCi/g	0.27	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Uranium-238	1.46		pCi/g	0.3	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Uranium-238	0.83	J	pCi/g	0.23	0.04	0.04	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Uranium-238	0.98	J	pCi/g	0.24	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Uranium-238	1.95		pCi/g	0.37	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Uranium-238	0.77	J	pCi/g	0.21	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Uranium-238	1.14		pCi/g	0.25	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Uranium-238	1.05		pCi/g	0.28	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Uranium-238	1.02		pCi/g	0.29	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Uranium-238	0.82	J	pCi/g	0.22	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Uranium-238	0.85	J	pCi/g	0.21	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Uranium-238	0.84	J	pCi/g	0.22	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Uranium-238	0.81	J	pCi/g	0.22	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Uranium-238	1.02		pCi/g	0.24	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Uranium-238	1.06		pCi/g	0.25	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Uranium-238	1		pCi/g	0.24	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Uranium-238	1.16		pCi/g	0.27	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Uranium-238	0.89	J	pCi/g	0.21	0.03	0.03	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Uranium-238	1.02		pCi/g	0.23	0.03	0.03	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Uranium-238	0.94	J	pCi/g	0.21	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Uranium-238	1.08		pCi/g	0.26	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Uranium-238	0.94	J	pCi/g	0.24	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Uranium-238	0.97	J	pCi/g	0.24	0.04	0.04	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Uranium-238	1.36		pCi/g	0.31	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Uranium-238	1.04		pCi/g	0.27	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Uranium-238	0.96	J	pCi/g	0.24	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Uranium-238	1.51		pCi/g	0.32	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Uranium-238	0.89	J	pCi/g	0.22	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Uranium-238	0.92	J	pCi/g	0.22	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Uranium-238	0.91	J	pCi/g	0.23	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Uranium-238	1.59		pCi/g	0.35	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Uranium-238	0.94	J	pCi/g	0.23	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Uranium-238	1.09		pCi/g	0.26	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Uranium-238	1.47		pCi/g	0.3	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Uranium-238	0.91	J	pCi/g	0.26	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Uranium-238	1.23		pCi/g	0.27	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Uranium-238	1.59		pCi/g	0.32	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Uranium-238	0.92	J	pCi/g	0.23	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Uranium-238	1.66		pCi/g	0.33	0.03	0.03	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Uranium-238	1.86		pCi/g	0.34	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Uranium-238	0.89	J	pCi/g	0.22	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Uranium-238	1.16		pCi/g	0.27	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Uranium-238	2.01		pCi/g	0.41	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Uranium-238	1.17		pCi/g	0.26	0.03	0.03	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Uranium-238	1.95		pCi/g	0.34	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Uranium-238	2.37		pCi/g	0.37	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Uranium-238	0.86	J	pCi/g	0.2	0.05	0.05	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Uranium-238	1.17		pCi/g	0.25	0.03	0.03	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Uranium-238	1.24		pCi/g	0.27	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Uranium-238	1.14		pCi/g	0.28	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Uranium-238	1.03		pCi/g	0.25	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Uranium-238	1.42		pCi/g	0.36	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Uranium-238	0.93	J	pCi/g	0.22	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Uranium-238	0.95	J	pCi/g	0.26	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Uranium-238	1.01		pCi/g	0.27	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Uranium-238	0.65	J	pCi/g	0.22	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Uranium-238	1.01		pCi/g	0.25	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Uranium-238	1.36		pCi/g	0.32	0.04	0.04	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Uranium-238	1.05		pCi/g	0.25	0.03	0.03	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Uranium-238	0.93	J	pCi/g	0.23	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Uranium-238	1.2		pCi/g	0.27	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Uranium-238	0.69	J	pCi/g	0.18	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Uranium-238	0.87	J	pCi/g	0.22	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Uranium-238	0.94	J	pCi/g	0.23	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Uranium-238	1.15		pCi/g	0.27	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Uranium-238	1.02		pCi/g	0.24	0.03	0.03	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Uranium-238	2.02		pCi/g	0.38	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Uranium-238	1.06		pCi/g	0.25	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Uranium-238	1.27		pCi/g	0.28	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Uranium-238	2.28		pCi/g	0.41	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Uranium-238	1.03		pCi/g	0.24	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Uranium-238	0.95	J	pCi/g	0.23	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Uranium-238	2.21		pCi/g	0.38	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Vanadium	44.9	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Vanadium	25.5	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Vanadium	30.5	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Vanadium	34.1	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Vanadium	33.5	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Vanadium	20.2		mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Vanadium	29.6		mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Vanadium	23.9		mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Vanadium	22.9		mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Vanadium	23.6	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Vanadium	30.8	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Vanadium	34.6	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Vanadium	36	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Vanadium	39.9	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Vanadium	33.9	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Vanadium	34.2	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Vanadium	30.5	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Vanadium	36.6	J	mg/kg		1	0.5535	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Vanadium	40.6	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Vanadium	36.2	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Vanadium	28.1	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Vanadium	34.5	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Vanadium	34.1	J	mg/kg		1.1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Vanadium	28.3	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Vanadium	35.5	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Vanadium	31.1	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Vanadium	28.8	J	mg/kg		1.1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Vanadium	54.2	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Vanadium	59.1	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Vanadium	49.2	J	mg/kg		1.1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Vanadium	55.3	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Vanadium	50	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Vanadium	57.5	J	mg/kg		1.1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Vanadium	57.3	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Vanadium	43.9	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Vanadium	49.2	J	mg/kg		1.1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Vanadium	47.1	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Vanadium	38.4	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Vanadium	42.5	J	mg/kg		1.1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Vanadium	35		mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Vanadium	28.6		mg/kg		1.3	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Vanadium	35.9		mg/kg		1.1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Vanadium	33.5	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Vanadium	41.2		mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Vanadium	29.2	J	mg/kg		1.1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Vanadium	36.9	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Vanadium	35.6	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Vanadium	32.5	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Vanadium	21.8	J	mg/kg		1.1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Vanadium	38.9	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Vanadium	31.6	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Vanadium	42.9	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Vanadium	45.6	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Vanadium	42.1	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Vanadium	48	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Vanadium	47.3	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Vanadium	40.4	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Vanadium	47.6	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Vanadium	46.2	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Vanadium	41.9	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Vanadium	32.6	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Vanadium	44.9	J	mg/kg		1	0.5535	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Vanadium	36.1	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Vanadium	41.1	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Vanadium	45.1	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Vanadium	36.7	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Vanadium	33.8	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Vanadium	51.8	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Vanadium	46.8	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Vanadium	43.6	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Vanadium	40.5	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Vanadium	34.7	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Vanadium	41.6	J	mg/kg		1.1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Vanadium	33.4	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Vanadium	47	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Vanadium	37	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Vanadium	39.4	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Vanadium	43.4	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Vanadium	42.7	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Vanadium	44.4	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Vanadium	33.9	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Vanadium	50.3	J	mg/kg		1.1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Vanadium	38.8	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Vanadium	46.1	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Vanadium	48	J	mg/kg		1.1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Vanadium	56	J	mg/kg		1.1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Vanadium	43.9		mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Vanadium	33.5		mg/kg		1.1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Vanadium	48.6		mg/kg		1.1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Vanadium	46.8	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Vanadium	38	J	mg/kg		1.1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Vanadium	35.6	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Vanadium	32.5	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Vanadium	36.4	J	mg/kg		1.1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Vanadium	40.3	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Zinc	48		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Zinc	20.7		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Zinc	19.7		mg/kg		2	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Zinc	48.5		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Zinc	25.4		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Zinc	15.4		mg/kg		2	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Zinc	42.7		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Zinc	17.6		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Zinc	17.1		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Zinc	31.7		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Zinc	25.9		mg/kg		2	0.2207	5

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Zinc	26.3		mg/kg		2	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Zinc	42.3		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Zinc	26.9		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Zinc	24.4		mg/kg		2	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Zinc	43.1		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Zinc	26.9		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Zinc	28.5		mg/kg		2	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Zinc	38.9		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Zinc	25.5		mg/kg		2	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Zinc	22.3		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Zinc	35.8		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Zinc	25.8		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Zinc	20.4		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Zinc	48.2		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Zinc	24.5		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Zinc	21.9		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Zinc	42.2		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Zinc	43.8		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Zinc	43		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Zinc	43.1		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Zinc	42.8		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Zinc	43.4		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Zinc	38.5		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Zinc	49.1		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Zinc	43.2		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Zinc	41.6		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Zinc	29.3		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Zinc	40.2		mg/kg		2.2	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Zinc	39		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Zinc	35.5		mg/kg		2.5	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Zinc	51.7		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Zinc	33.7		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Zinc	37.7		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Zinc	33.1		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Zinc	34.8		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Zinc	30.4		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Zinc	34.4		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Zinc	32.2		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Zinc	46		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Zinc	51.6	J+	mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Zinc	48.6	J+	mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Zinc	39.6	J+	mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Zinc	51.2	J+	mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Zinc	41.6	J+	mg/kg		2.1	0.2207	5

**TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada**

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Zinc	41.9	J+	mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Zinc	52	J+	mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Zinc	39.7	J+	mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Zinc	40	J+	mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Zinc	121		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Zinc	31.2		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Zinc	38.2		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Zinc	52.1	J+	mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Zinc	51.3		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Zinc	38.9		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Zinc	55.2		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Zinc	39.1		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Zinc	40.3		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Zinc	41.6	J+	mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Zinc	36	J+	mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Zinc	34.3	J+	mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Zinc	32.5	J+	mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Zinc	35.6	J+	mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Zinc	34.1	J+	mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Zinc	35.7	J+	mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Zinc	35.8	J+	mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Zinc	36.9	J+	mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Zinc	45.9		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Zinc	37.9		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Zinc	37.4		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Zinc	38.9		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Zinc	40.5		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Zinc	27.8		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Zinc	63.6		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Zinc	45		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Zinc	34.9		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Zinc	60.4		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Zinc	28.5		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Zinc	30.8		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Zinc	44.4		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Zinc	34.1		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Zinc	22.8		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Zinc	41.9		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Zinc	31.1		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Zinc	29.4		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Zirconium	121	J-	mg/kg		50.8	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Zirconium	105	J-	mg/kg		51.6	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Zirconium	106	J-	mg/kg		51.1	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Zirconium	112	J-	mg/kg		50.3	0.0874	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Zirconium	117	J-	mg/kg		51.4	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Zirconium	91.9		mg/kg		51.1	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Zirconium	103		mg/kg		50.7	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Zirconium	120		mg/kg		51.6	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Zirconium	93.8		mg/kg		51.6	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Zirconium	99.3	J-	mg/kg		50.6	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Zirconium	125	J-	mg/kg		51.1	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Zirconium	125	J-	mg/kg		50.8	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Zirconium	130	J-	mg/kg		50.6	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Zirconium	138	J-	mg/kg		51.1	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Zirconium	126	J-	mg/kg		50.9	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Zirconium	134	J-	mg/kg		50.6	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Zirconium	131		mg/kg		51.6	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Zirconium	133		mg/kg		51	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Zirconium	111		mg/kg		50.3	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Zirconium	112		mg/kg		51.1	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Zirconium	112		mg/kg		51.1	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Zirconium	123		mg/kg		50.3	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Zirconium	108		mg/kg		52.5	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Zirconium	102		mg/kg		51.7	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Zirconium	133		mg/kg		50.6	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Zirconium	124		mg/kg		51.9	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Zirconium	101		mg/kg		52.3	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Zirconium	146	J	mg/kg		10.2	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Zirconium	175	J	mg/kg		10.4	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Zirconium	164	J	mg/kg		10.7	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Zirconium	168	J	mg/kg		10.2	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Zirconium	167	J	mg/kg		10.4	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Zirconium	177	J	mg/kg		10.5	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Zirconium	176	J	mg/kg		10.2	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Zirconium	119	J	mg/kg		10.1	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Zirconium	178	J	mg/kg		10.5	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Zirconium	165	J	mg/kg		10.4	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Zirconium	167	J	mg/kg		10.2	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Zirconium	179	J	mg/kg		10.8	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Zirconium	127		mg/kg		50.6	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Zirconium	144		mg/kg		63.1	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Zirconium	151		mg/kg		52.8	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Zirconium	154	J	mg/kg		10.2	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Zirconium	133		mg/kg		50.7	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Zirconium	135	J	mg/kg		52.5	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Zirconium	129	J	mg/kg		51.8	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Zirconium	158	J	mg/kg		10.1	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Zirconium	140	J	mg/kg		50.5	0.0874	0

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Zirconium	152	J	mg/kg		53.1	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Zirconium	152	J	mg/kg		51.8	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Zirconium	117	J	mg/kg		50.6	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Zirconium	139	J	mg/kg		51.2	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Zirconium	119	J	mg/kg		51.3	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Zirconium	120	J	mg/kg		50.5	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Zirconium	135	J	mg/kg		51.8	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Zirconium	123	J	mg/kg		51.8	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Zirconium	123	J	mg/kg		50.6	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Zirconium	134	J	mg/kg		52	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Zirconium	124	J	mg/kg		51.8	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Zirconium	118	J-	mg/kg		50.7	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Zirconium	108	J-	mg/kg		51.9	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Zirconium	94.9	J-	mg/kg		52	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Zirconium	112	J	mg/kg		50.5	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Zirconium	132	J-	mg/kg		51.4	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Zirconium	103	J-	mg/kg		52	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Zirconium	120	J-	mg/kg		50.5	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Zirconium	113	J-	mg/kg		51.9	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Zirconium	107	J-	mg/kg		51.7	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Zirconium	141	J	mg/kg		50.4	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Zirconium	148	J	mg/kg		51.7	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Zirconium	145	J	mg/kg		51.6	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Zirconium	132	J	mg/kg		50.6	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Zirconium	157	J	mg/kg		53.1	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Zirconium	158	J	mg/kg		52.2	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Zirconium	132	J	mg/kg		50.6	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Zirconium	149	J	mg/kg		52.2	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Zirconium	142	J	mg/kg		51.6	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Zirconium	166	J	mg/kg		10.1	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Zirconium	138	J	mg/kg		10.4	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Zirconium	149	J	mg/kg		10.5	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Zirconium	117	J	mg/kg		10.1	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Zirconium	146	J	mg/kg		10.5	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Zirconium	134	J	mg/kg		10.3	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Zirconium	145	J	mg/kg		10.1	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Zirconium	151	J	mg/kg		10.6	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Zirconium	171	J	mg/kg		10.5	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Zirconium	119		mg/kg		50.4	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Zirconium	127		mg/kg		52.7	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Zirconium	112		mg/kg		52.8	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Zirconium	118	J	mg/kg		50.5	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Zirconium	116	J	mg/kg		52.6	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Zirconium	86.1	J	mg/kg		52.1	0.0874	10

TABLE C-4. Background Data for the NERT Off-Site Study Area (OU-2) for use in the SLERA Nevada Environmental Response Trust Site Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Zirconium	109	J	mg/kg		50.4	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Zirconium	117	J	mg/kg		52.9	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Zirconium	103	J	mg/kg		51.9	0.0874	10

Notes:

Some concentration values in the table are negative. Negative values may occur since sample counts are compared to background counts, and background counts reflect naturally occurring radionuclides and cosmic radiation that are detected by laboratory instrumentation. Samples that are not different from background may have a negative value when background radioactivity is subtracted.

µg/kg = Microgram per kilogram

ft bgs = Feet below ground surface

MDL = Method detection level

mg/kg = Milligram per kilogram

NERT = Nevada Environmental Response Trust

pCi/g = Average picocuries per gram

PQL = Practical quantification level

OU-2 = Operable Unit 2

SLERA = Screening level ecological risk assessment

Lab Qualifiers:

B = Indicates that the analyte was found in the associated blank, as well as in the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

B J = Analyte detected in the associated method blank, result is estimated because is below the reporting limit for the analytical method

J = Indicates an estimated value.

J- = Indicates an estimated value with a negative bias.

J+ = Indicates an estimated value with a positive bias.

U = The analyte was not detected

UJ = The analyte was analyzed for and was not present above the level of the associated value.

UJ- = The analyte was analyzed for and was not present above the level of the associated value with a negative bias.

APPENDIX C-5

BACKGROUND STATISTICAL EVALUATION FOR THE OU-2 SLERA

- Figure C-5a Background vs. OU-2 Boxplots for Metals
- Figure C-5b Background vs. OU-2 Boxplots for Radionuclides
- Figure C-5c Normal and Lognormal Q–Q Plots for Metals
- Figure C-5d Normal and Lognormal Q–Q Plots for Radionuclides
- Table C-5a Summary Statistics for Metals in Background (BRC/TIMET Regional) Soils and OU-2 Soils
- Table C-5b Background Comparisons for Metals in OU-2 Soils
- Table C-5c Summary Statistics for Radionuclides in Background (BRC/TIMET Regional) Soils and OU-2 Soils
- Table C-5d Background Comparisons for Radionuclides in OU-2 Soils
- Table C-5e Equivalence Test for Secular Equilibrium of Uranium Decay Series (U-238 Chain)
- Table C-5f Equivalence Test for Secular Equilibrium of Thorium Decay Series (Th-232 Chain)
- Table C-5g Correlation Matrices for the Uranium Decay Series and the Thorium Decay Series

**Figure C-5a. Background vs. OU-2 Boxplots for Metals
Aluminum**

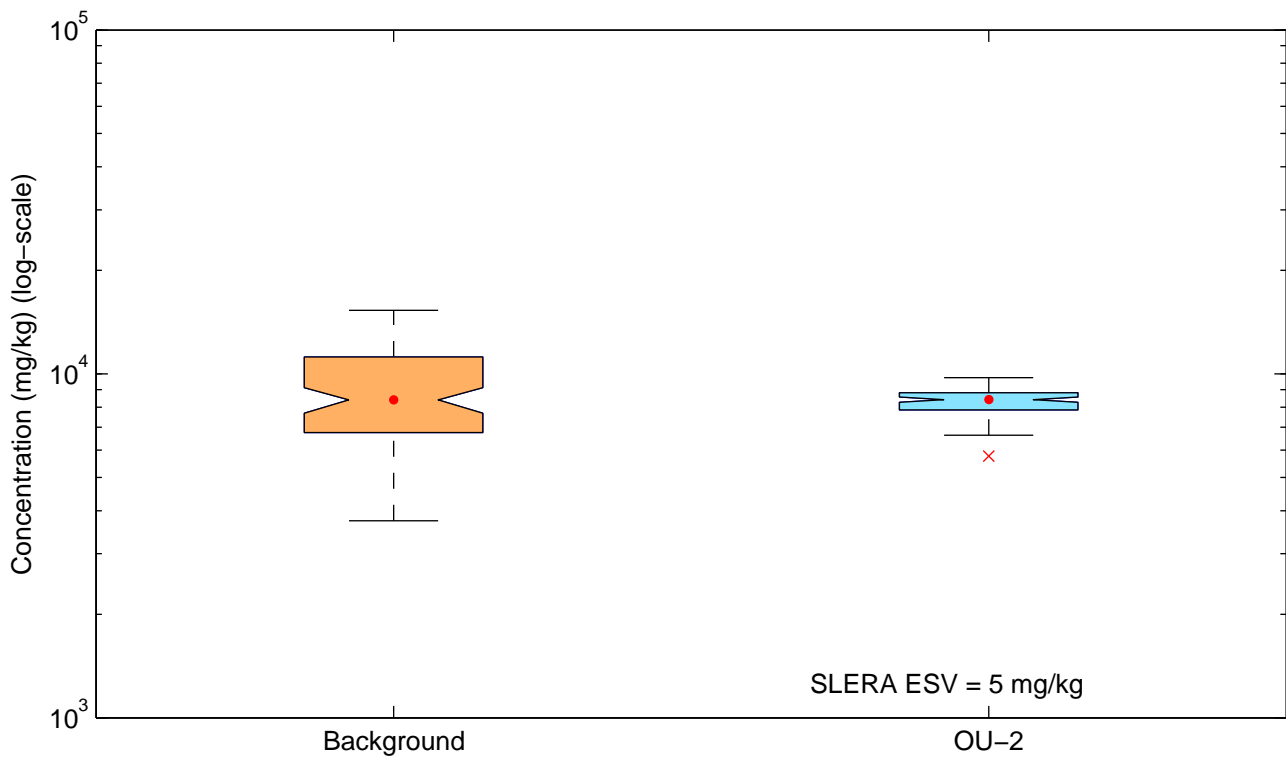
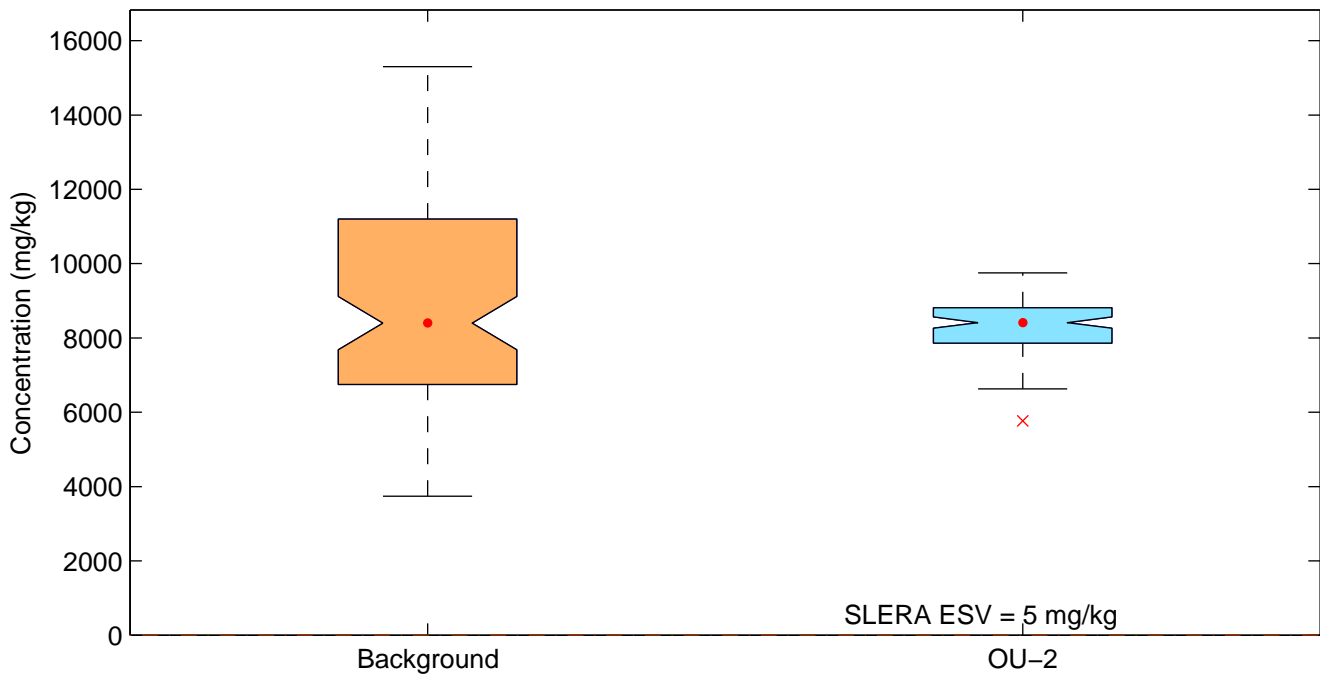
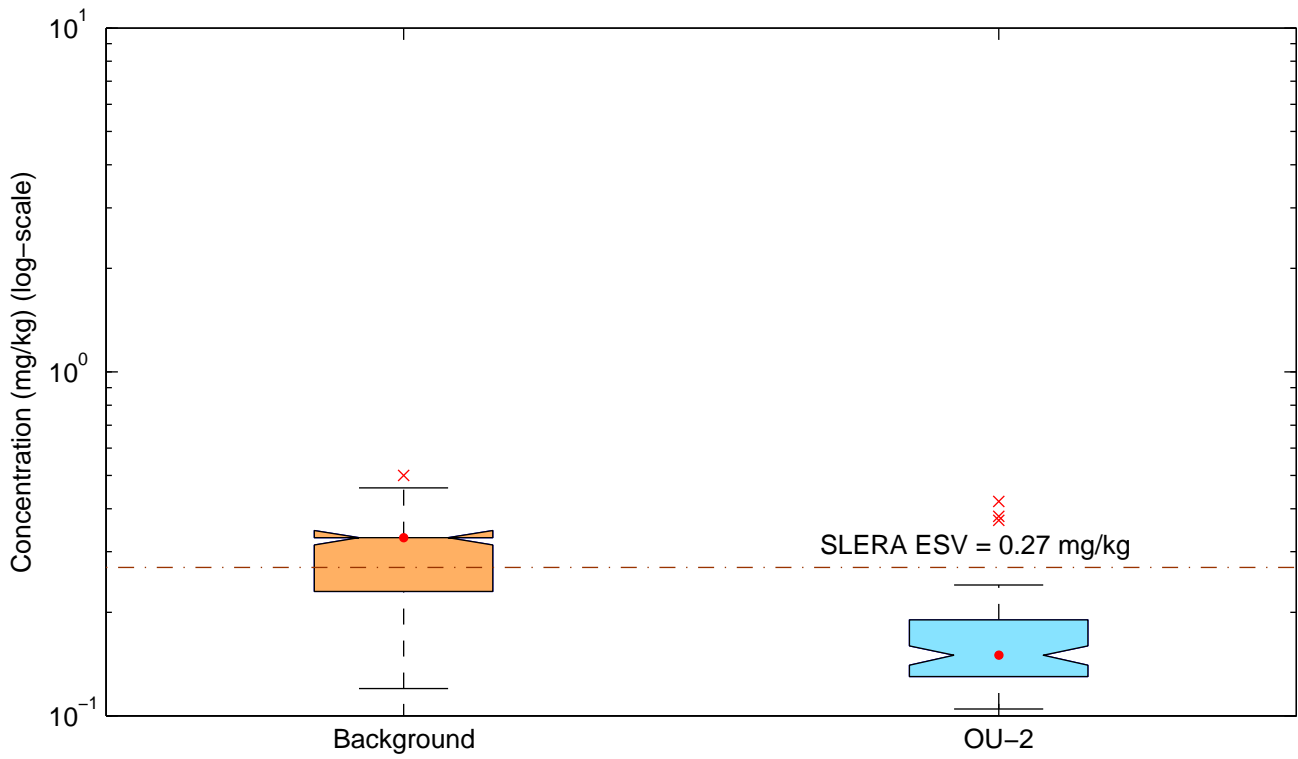
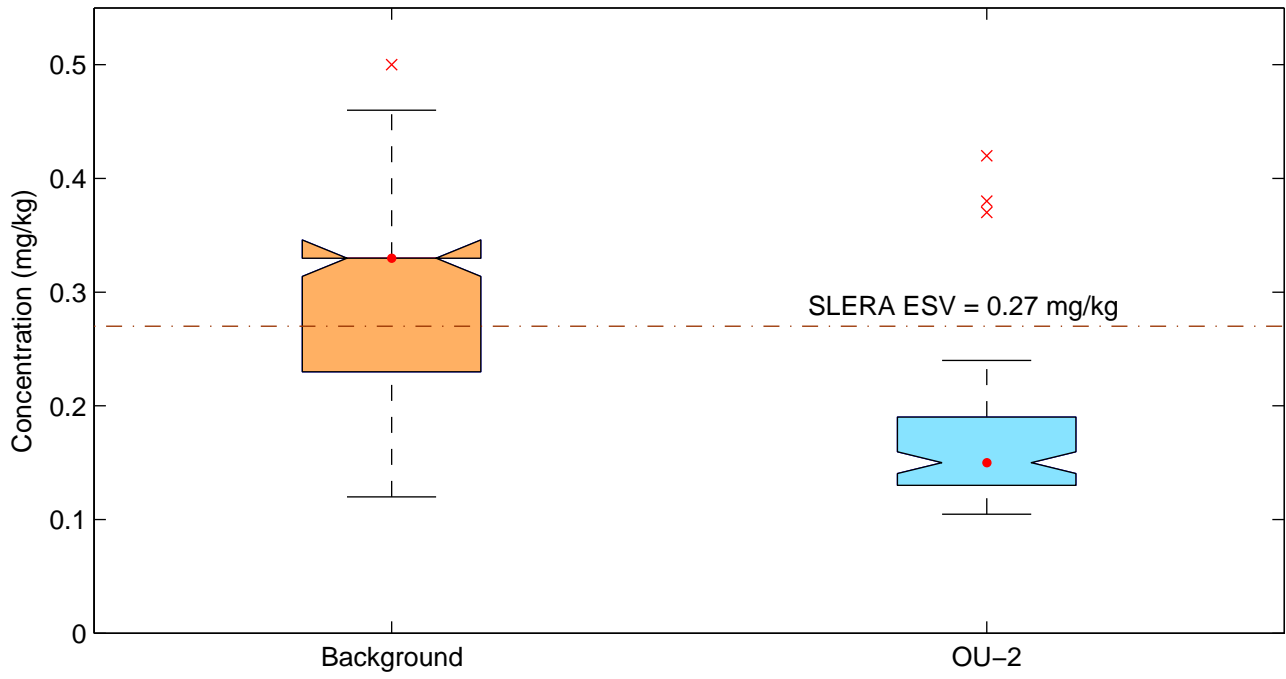
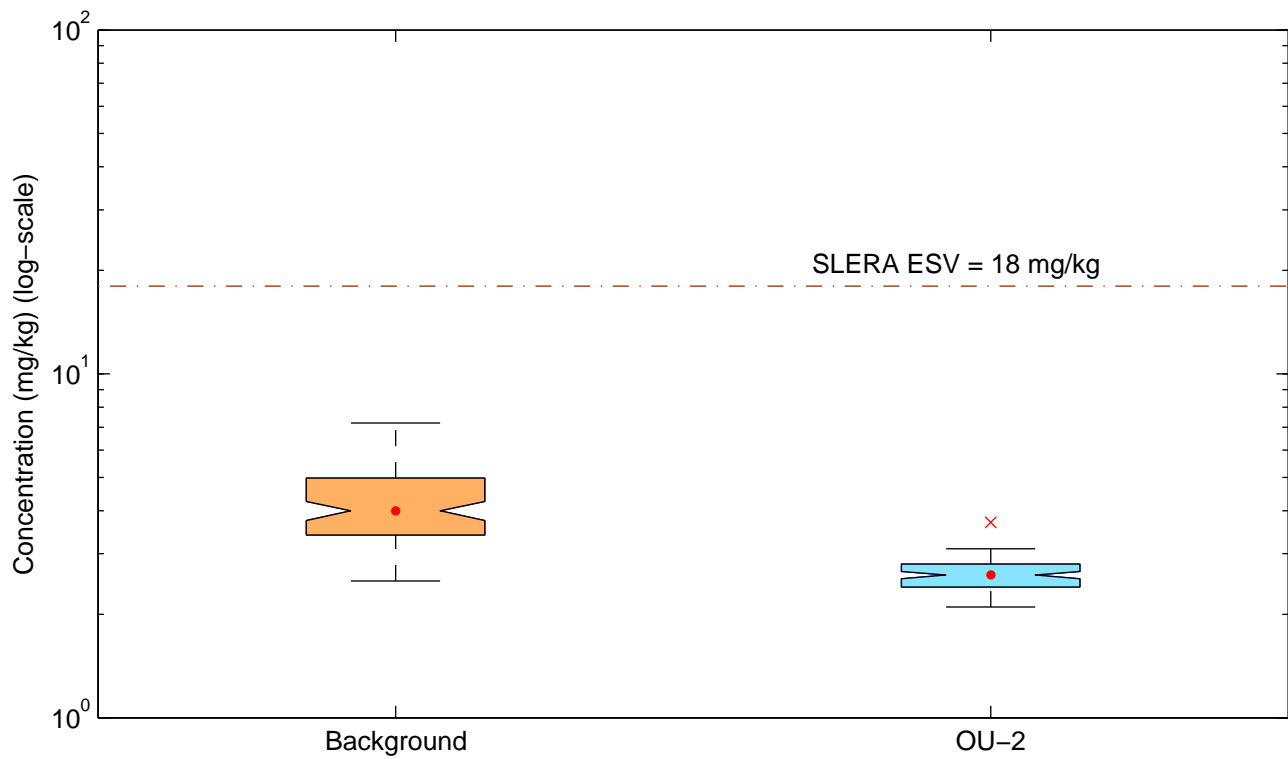
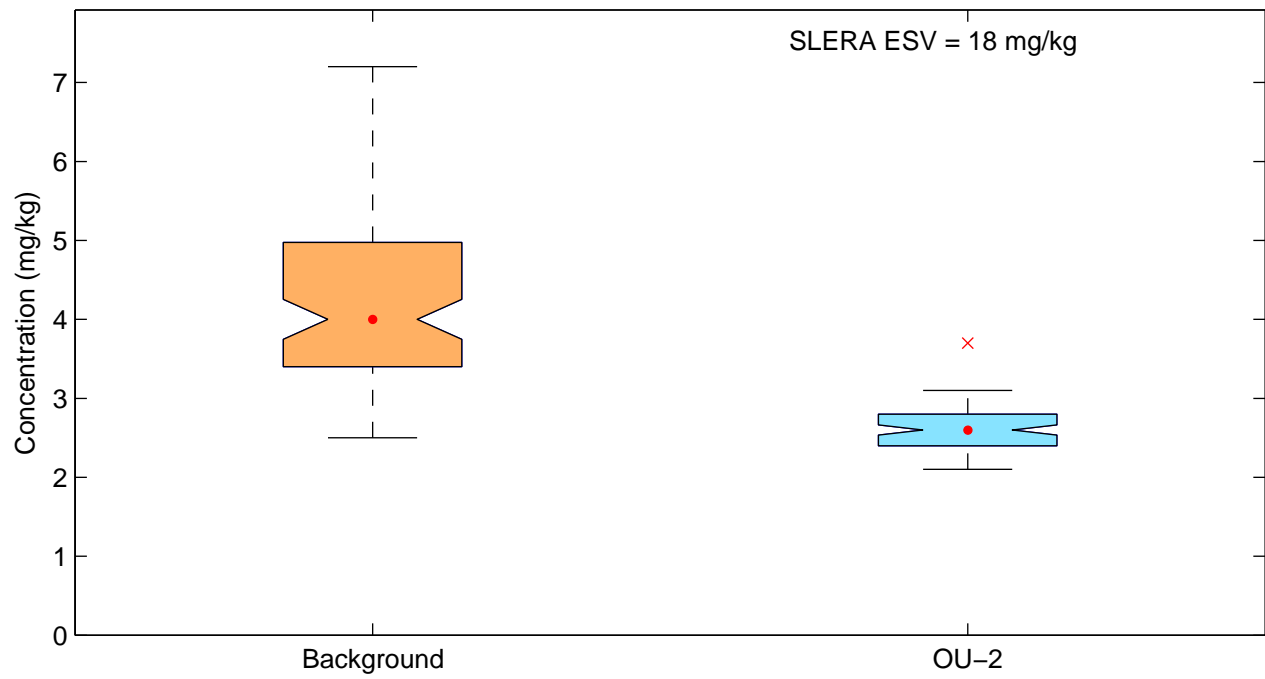


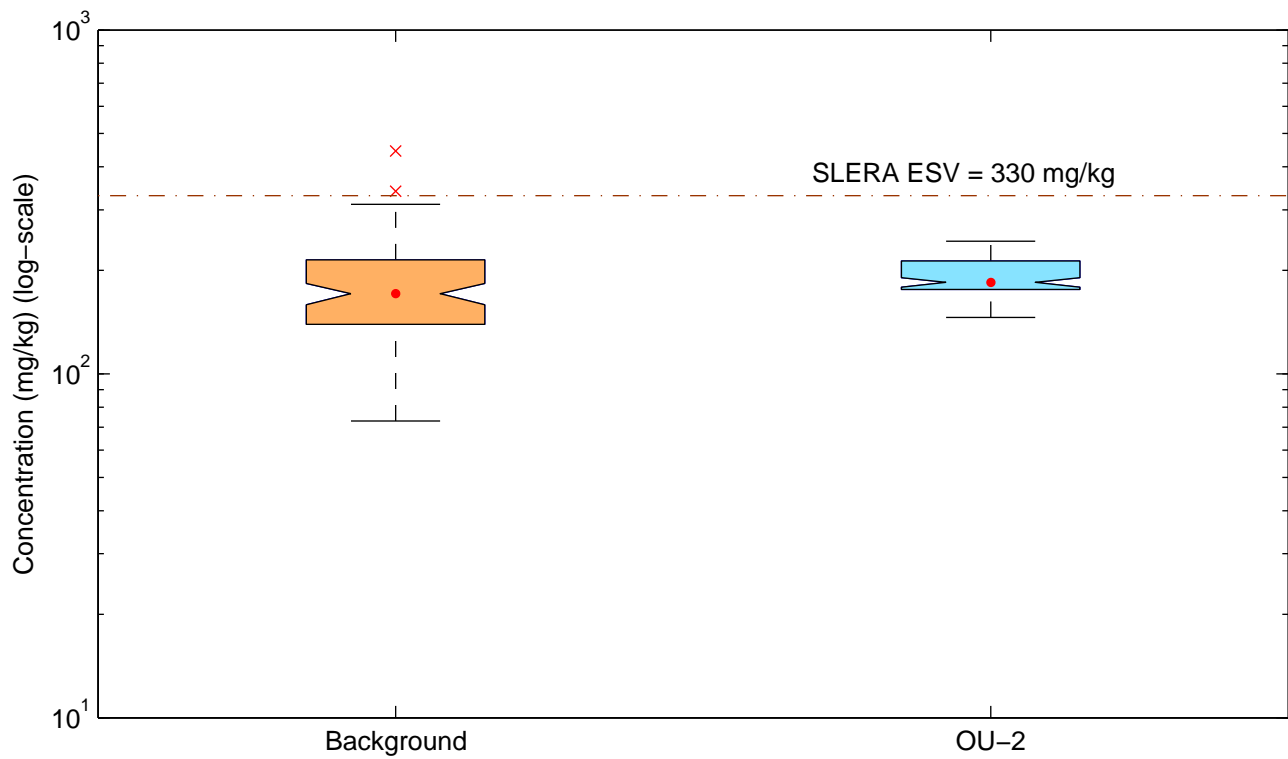
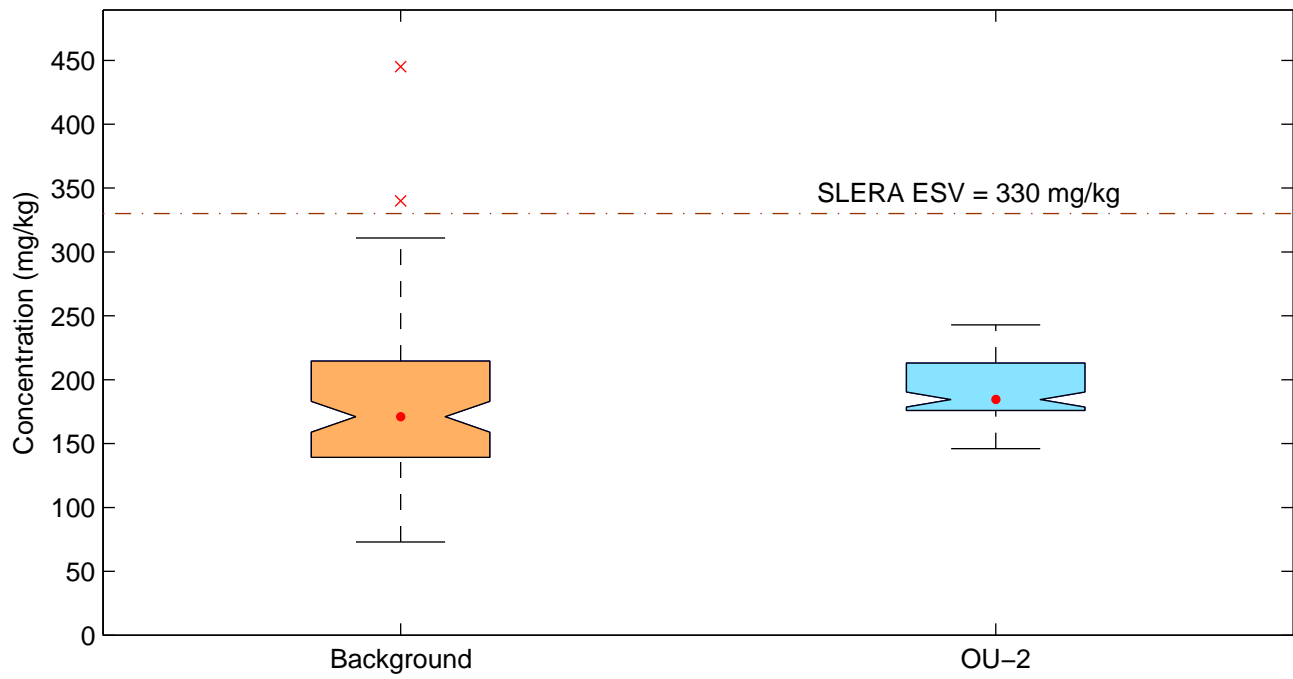
Figure C-5a. Background vs. OU-2 Boxplots for Metals
Antimony



**Figure C-5a. Background vs. OU-2 Boxplots for Metals
Arsenic**



**Figure C-5a. Background vs. OU-2 Boxplots for Metals
Barium**



**Figure C-5a. Background vs. OU-2 Boxplots for Metals
Beryllium**

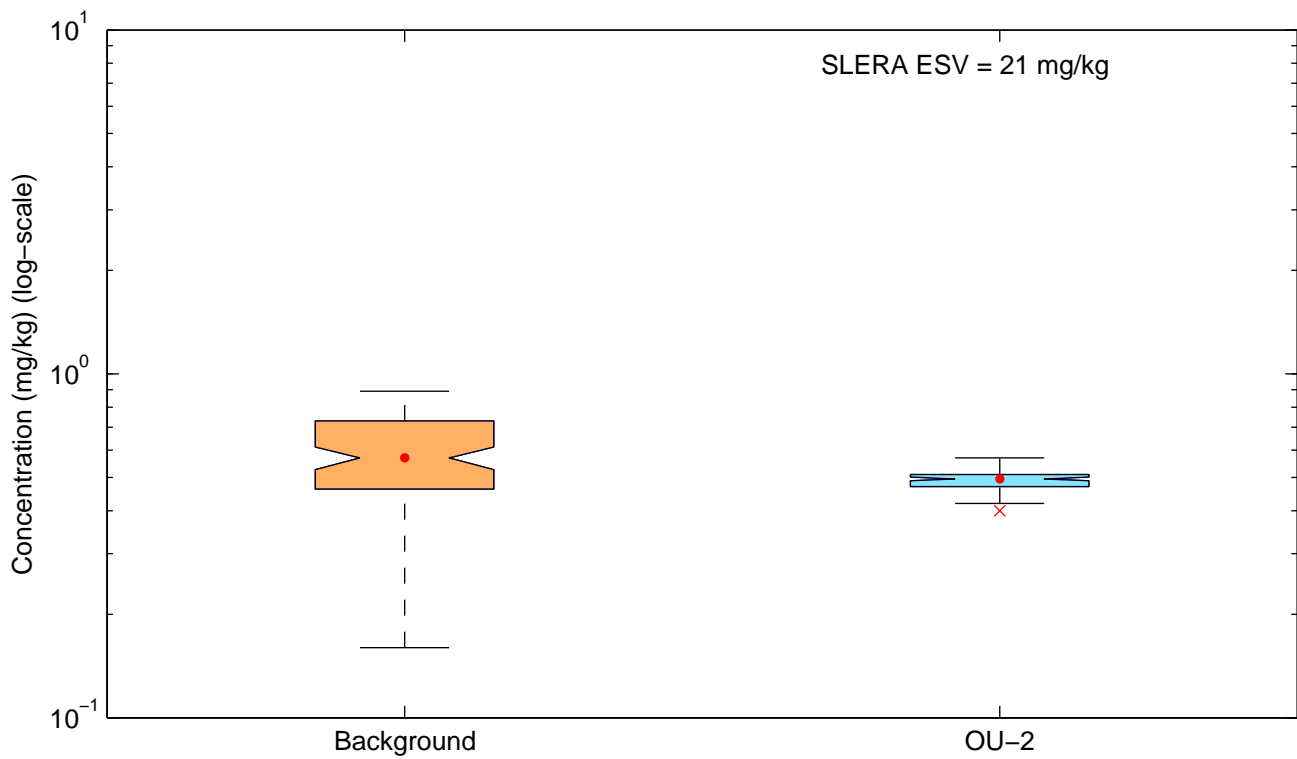
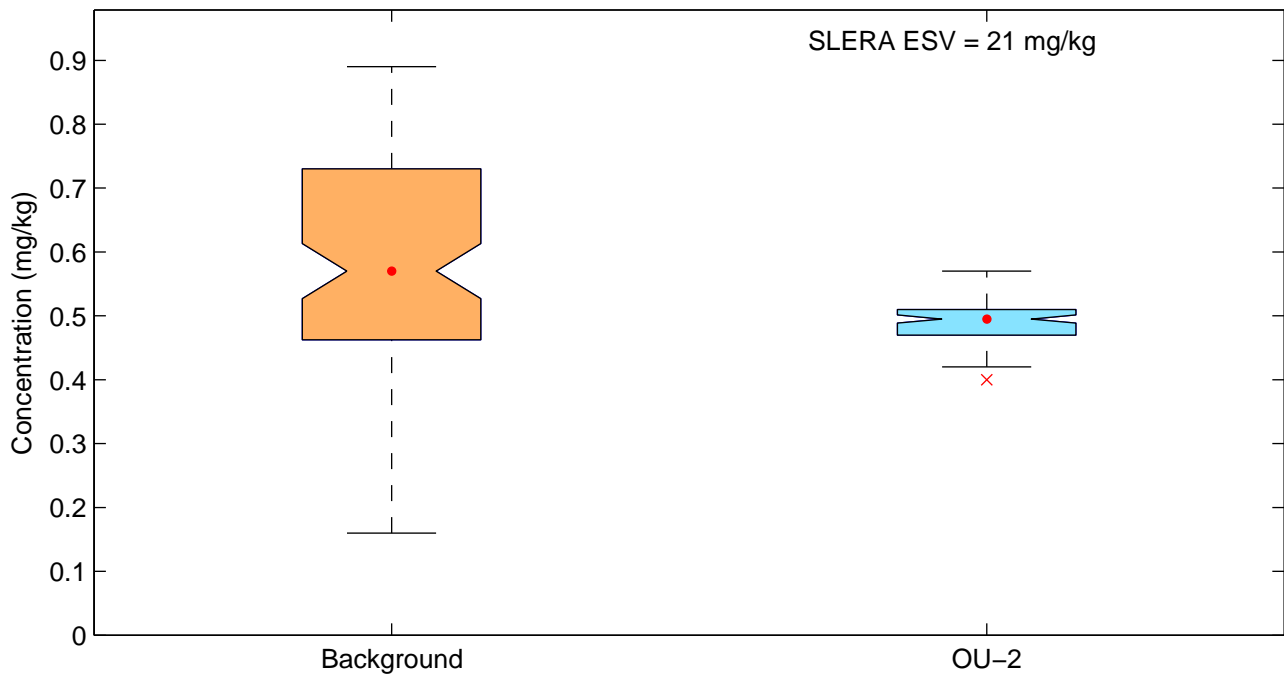


Figure C-5a. Background vs. OU-2 Boxplots for Metals
Boron

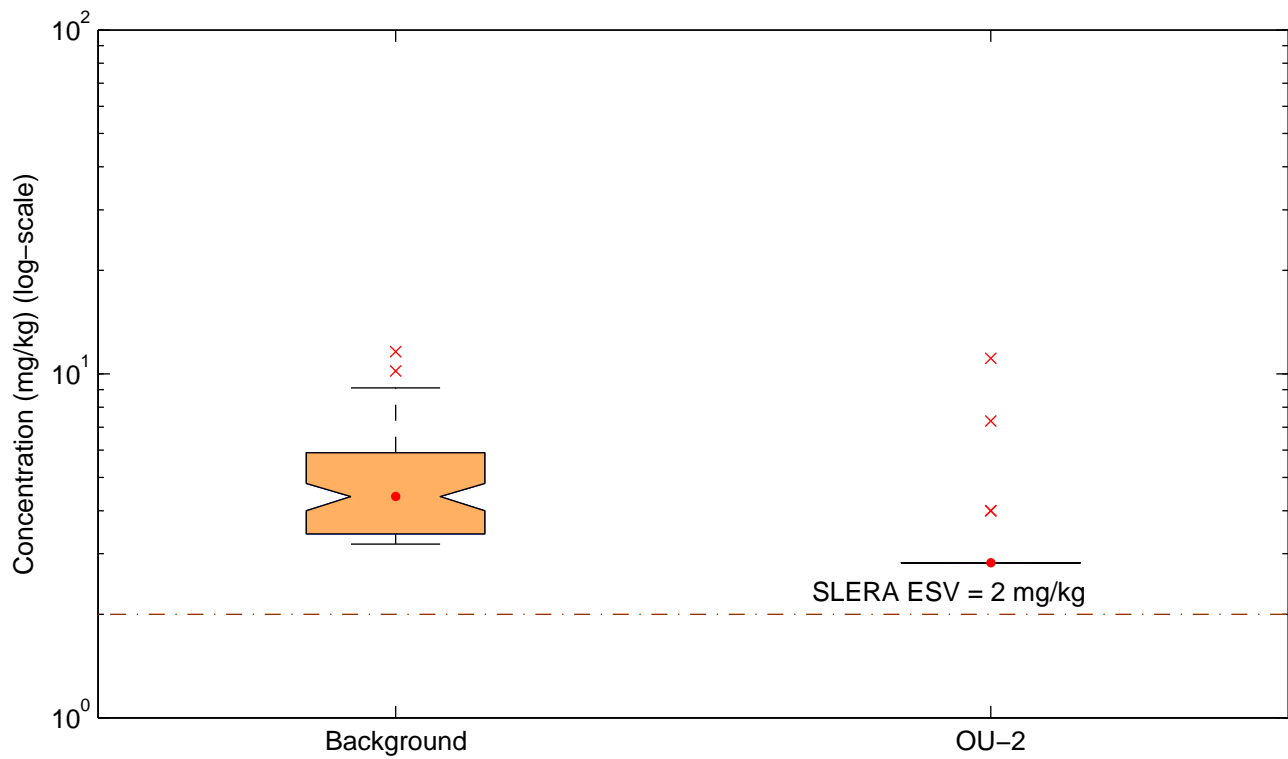
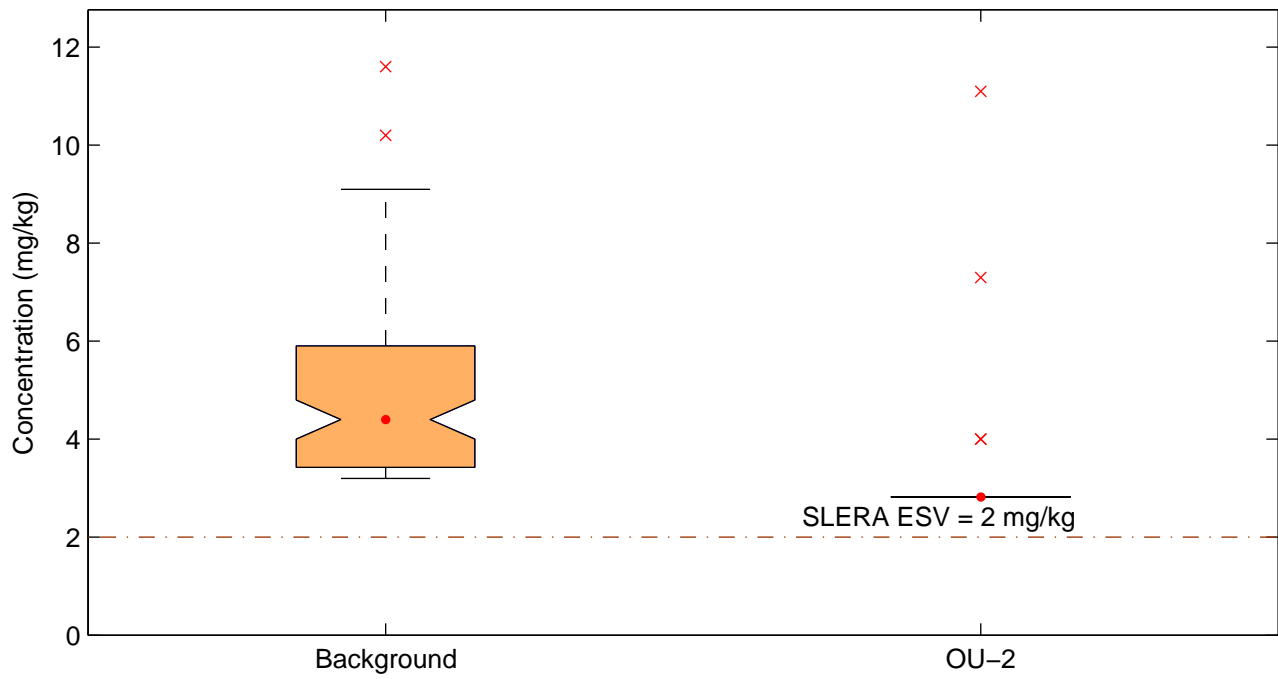


Figure C-5a. Background vs. OU-2 Boxplots for Metals
Cadmium

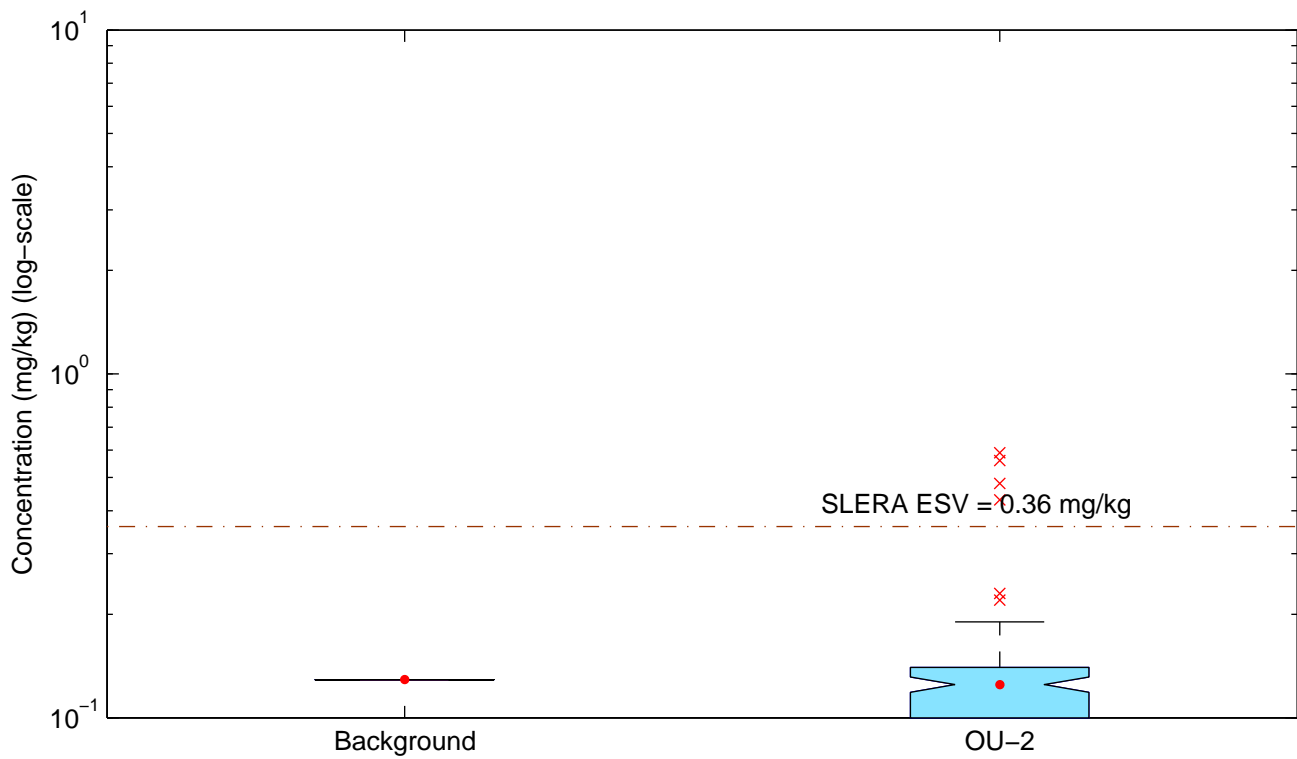
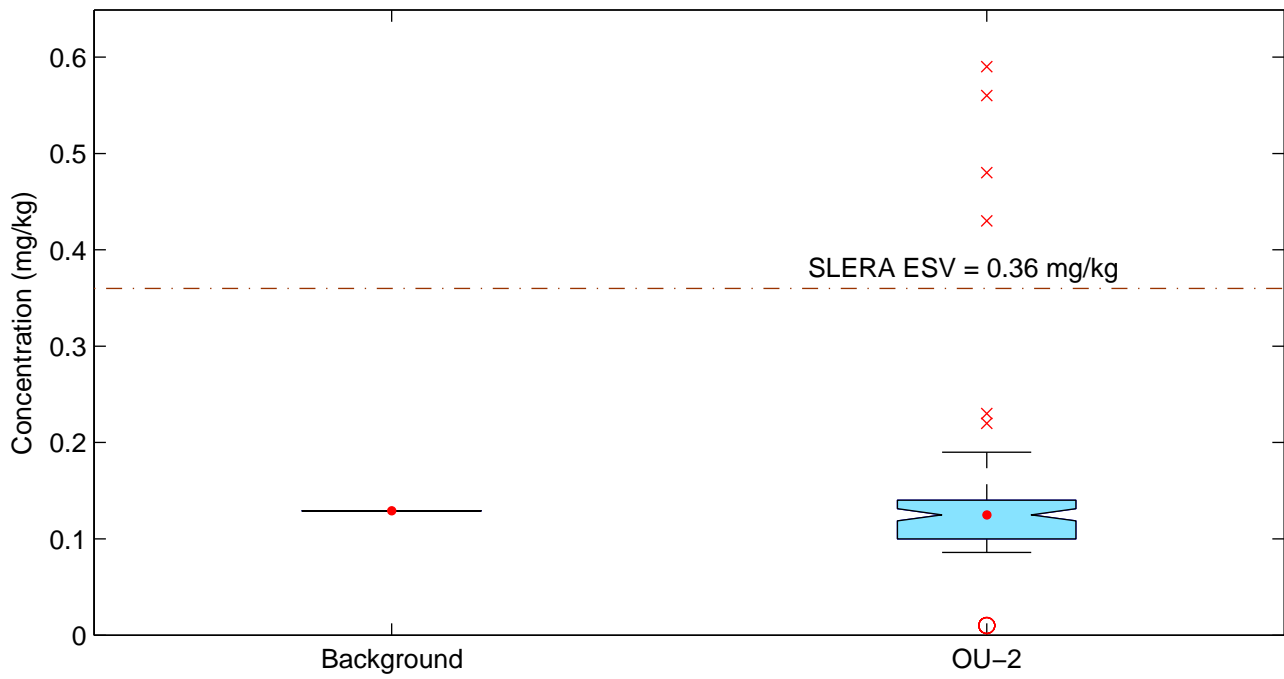
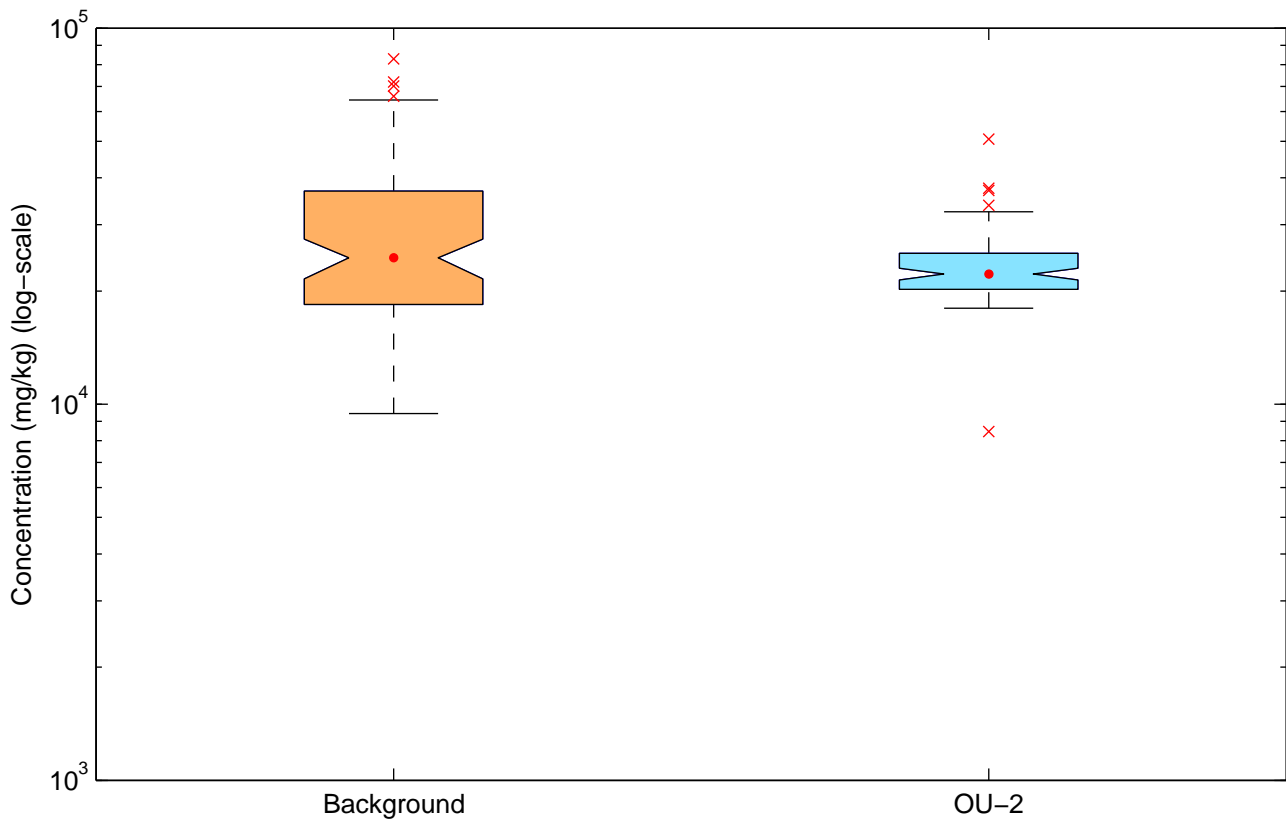
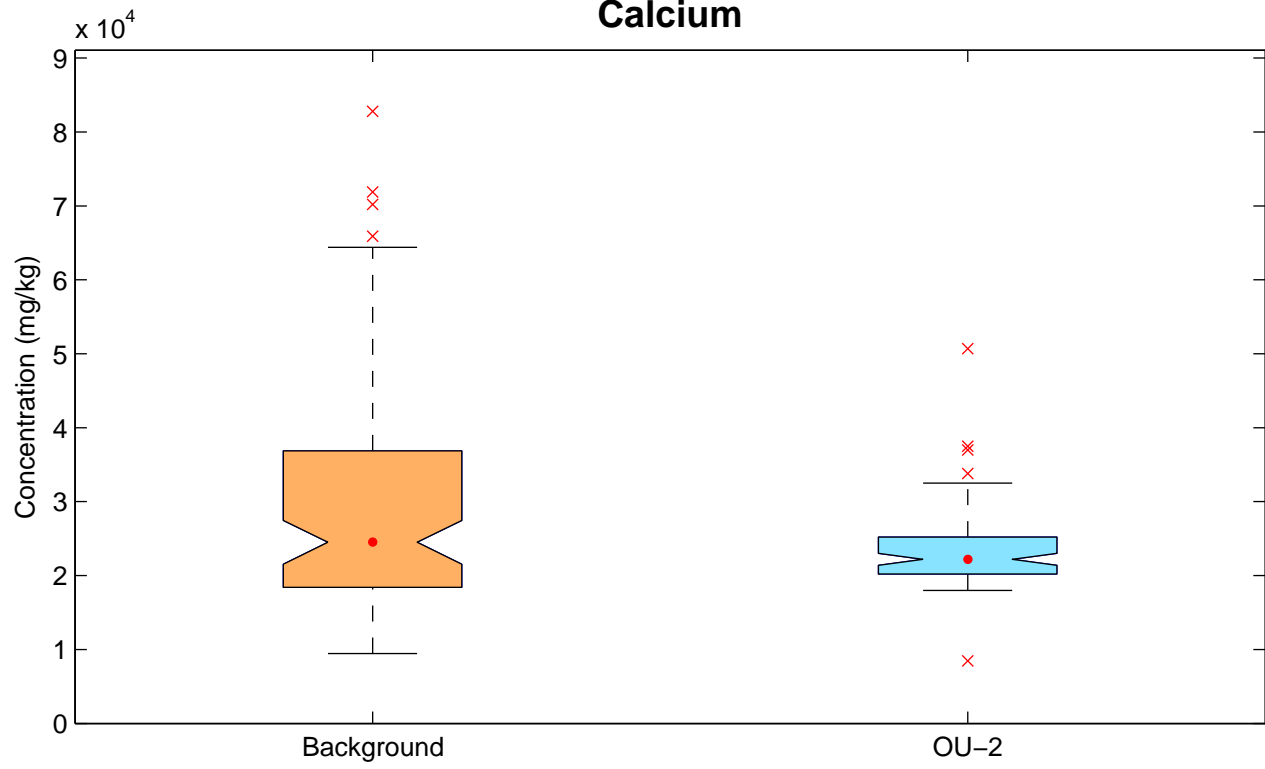
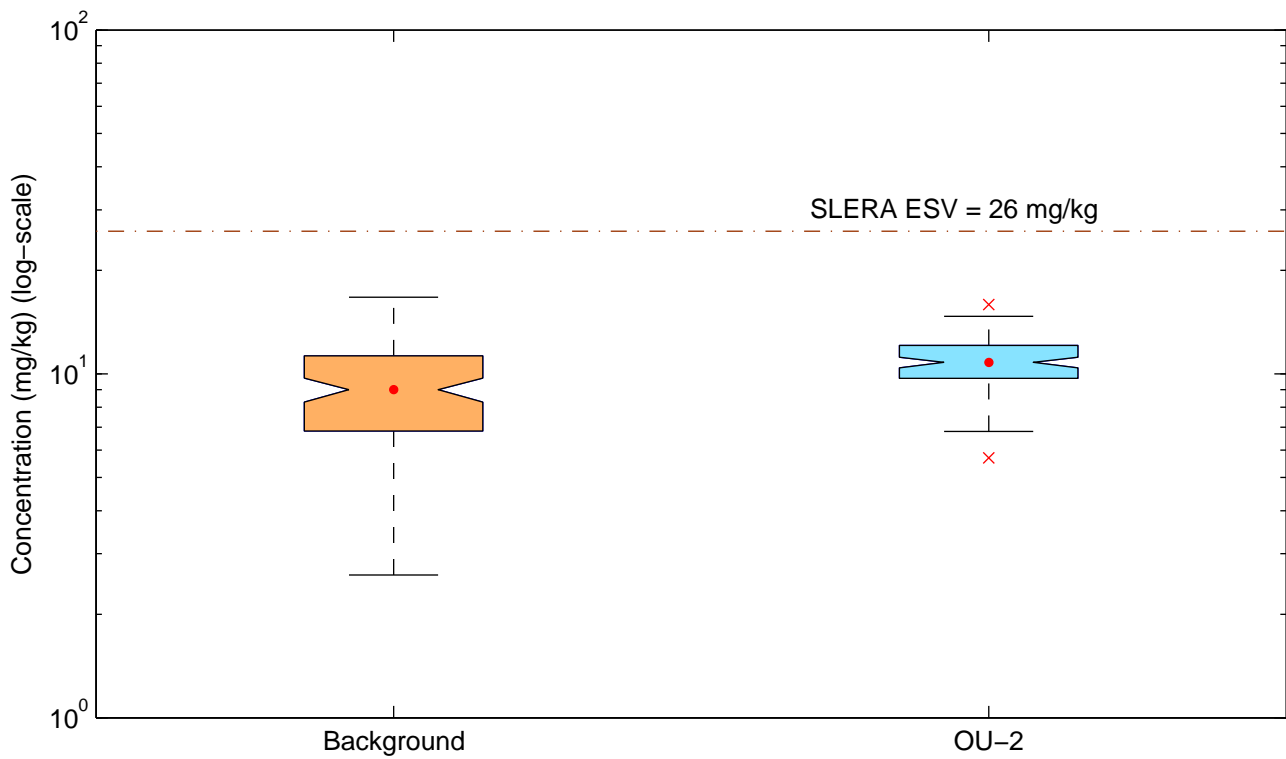
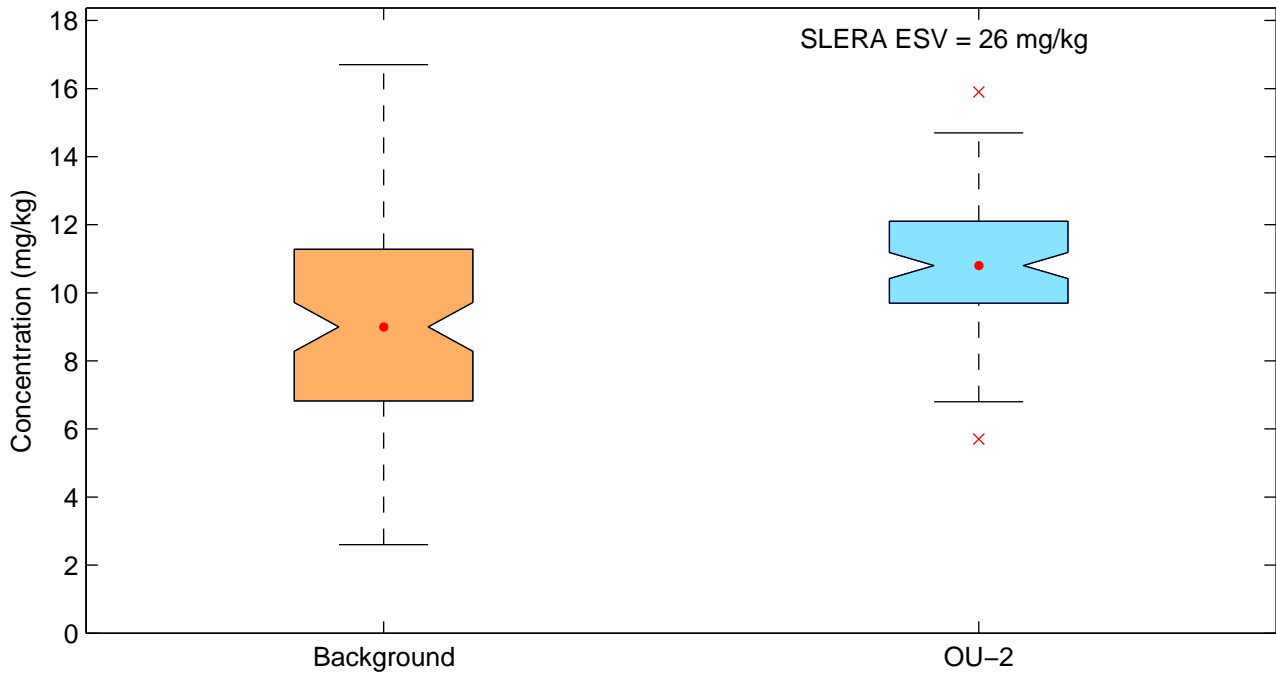


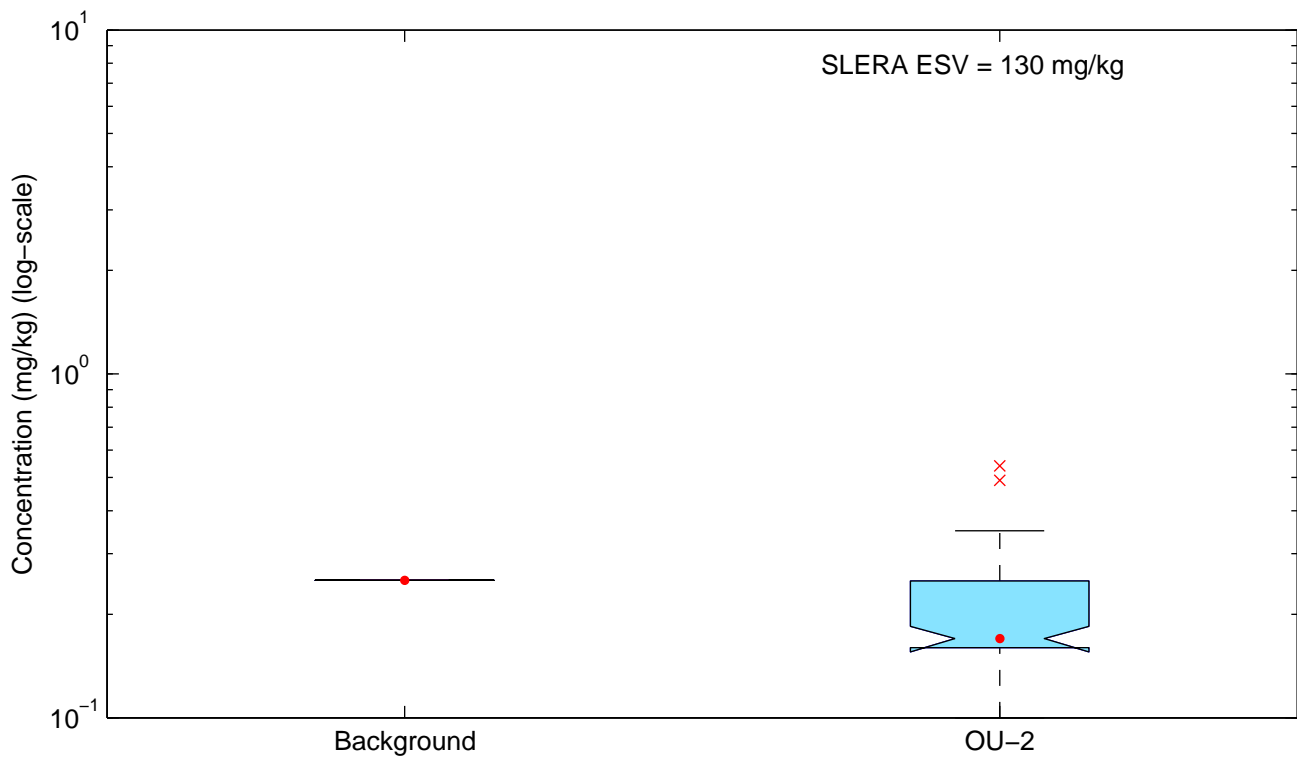
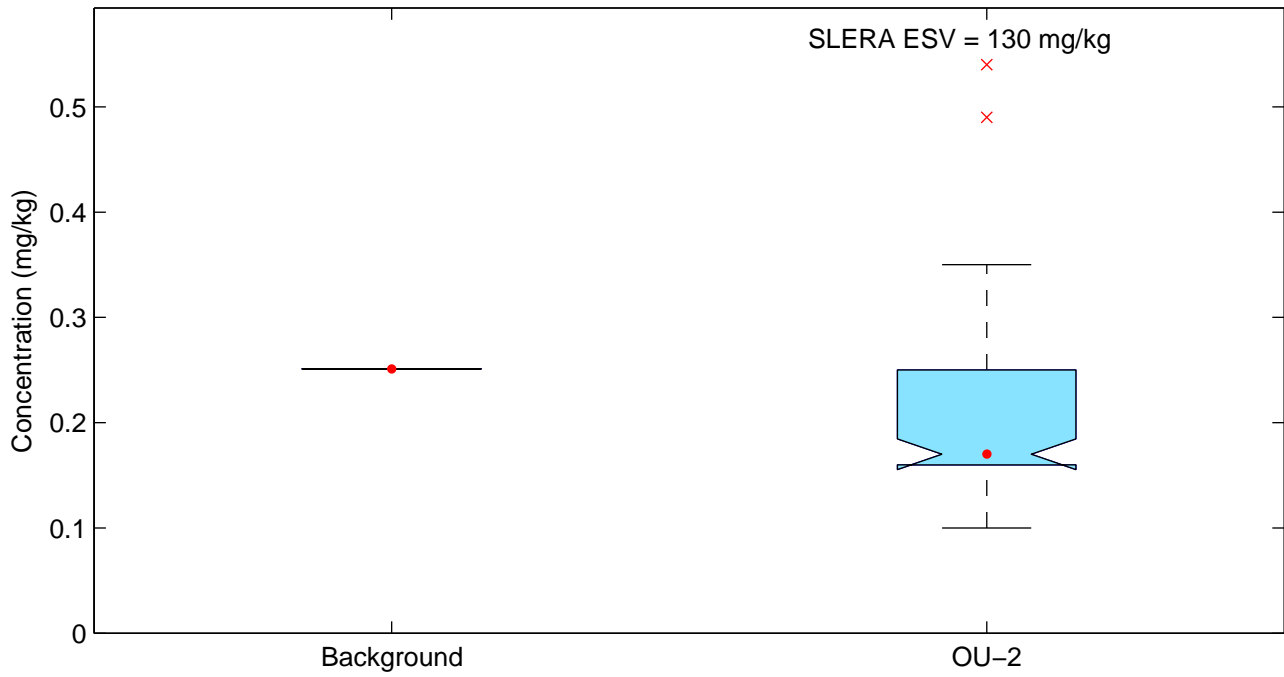
Figure C-5a. Background vs. OU-2 Boxplots for Metals
Calcium



**Figure C-5a. Background vs. OU-2 Boxplots for Metals
Chromium (total)**



**Figure C-5a. Background vs. OU-2 Boxplots for Metals
Chromium VI**



**Figure C-5a. Background vs. OU-2 Boxplots for Metals
Cobalt**

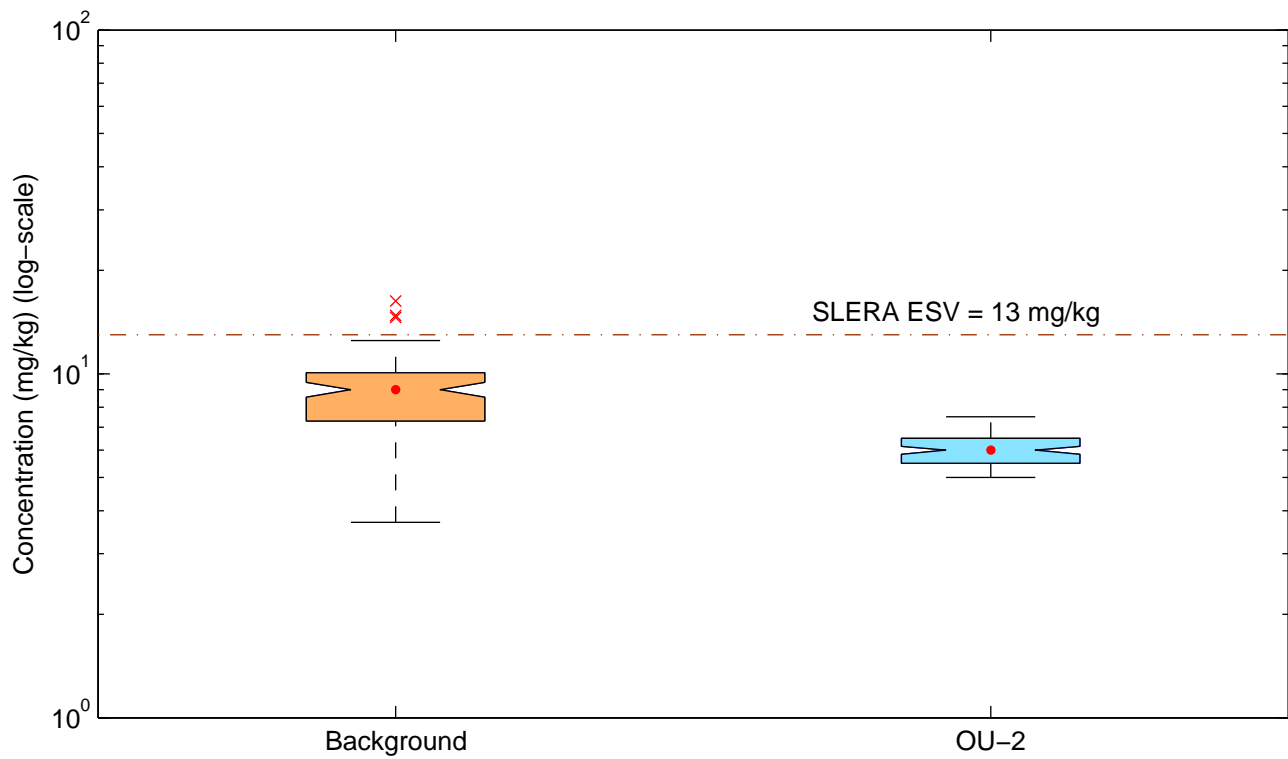
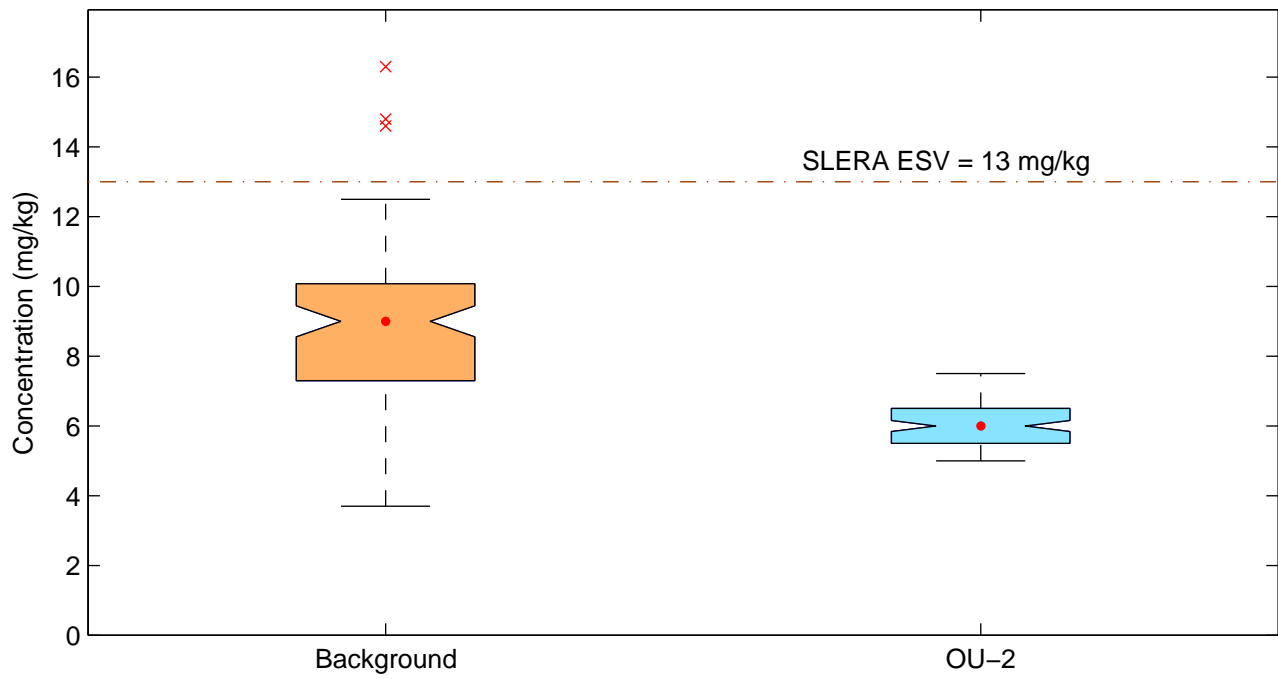


Figure C-5a. Background vs. OU-2 Boxplots for Metals
Copper

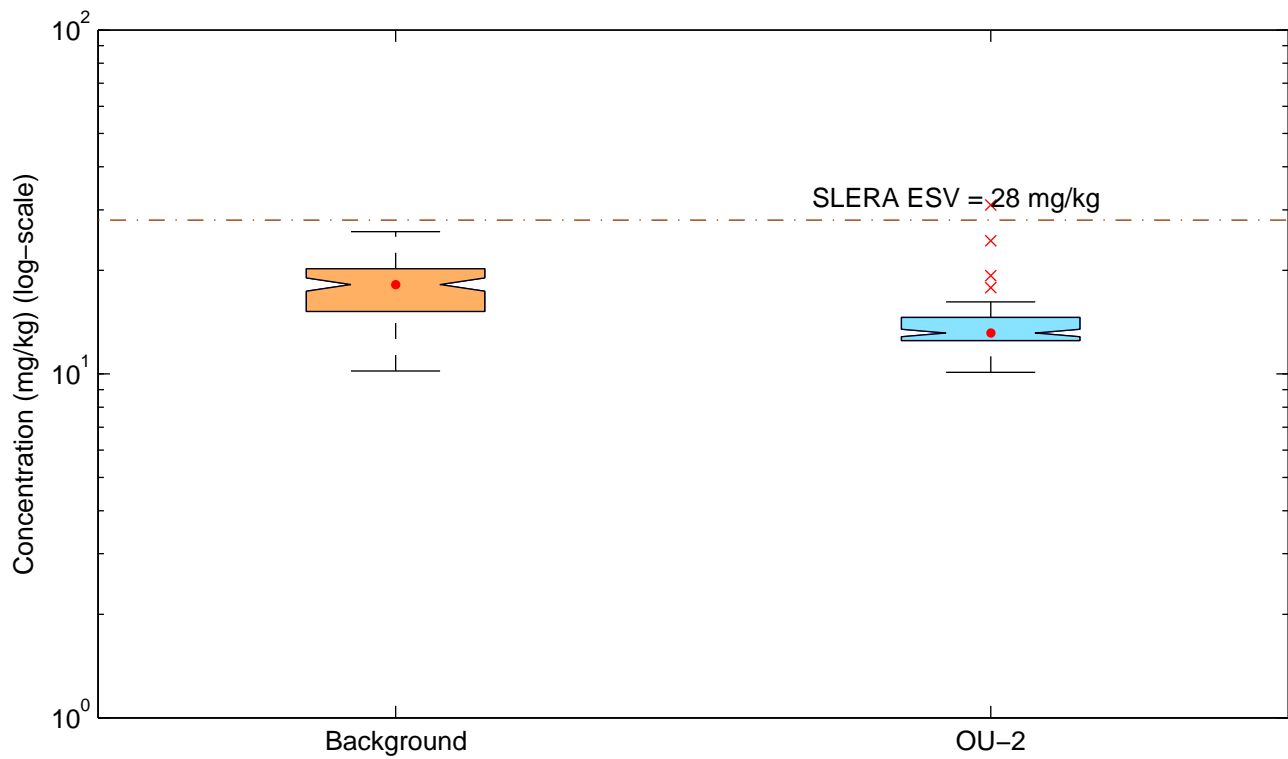
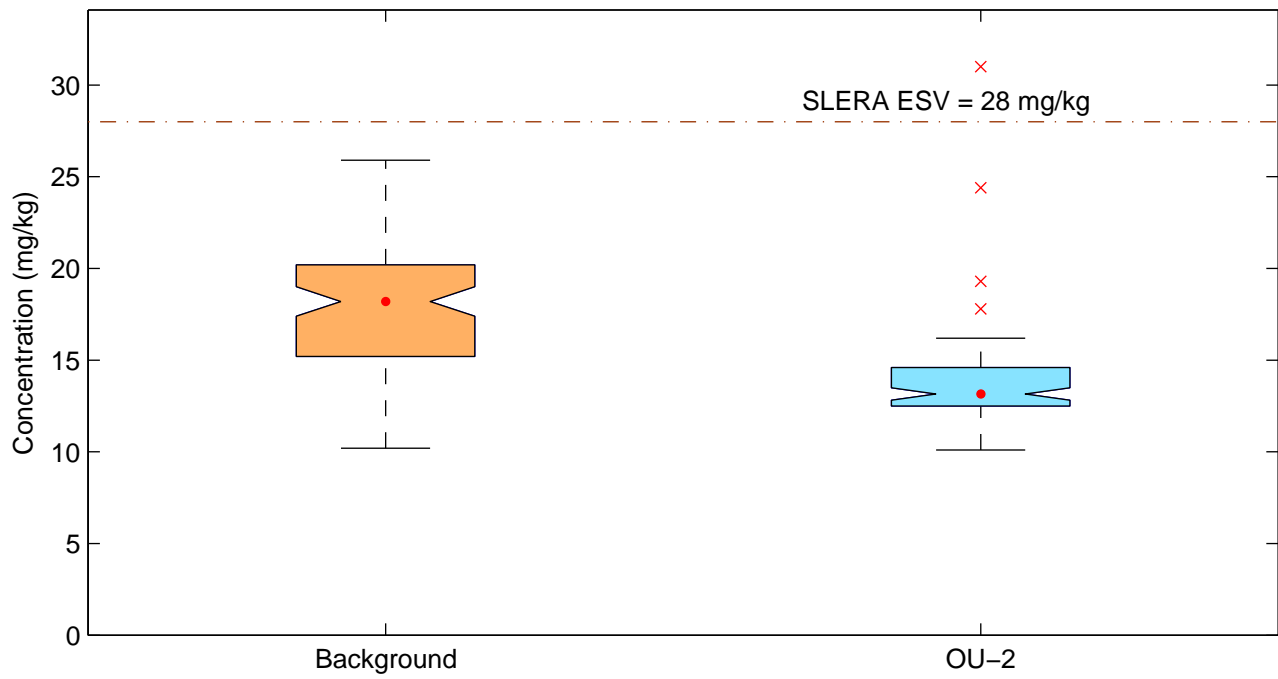


Figure C-5a. Background vs. OU-2 Boxplots for Metals
Iron

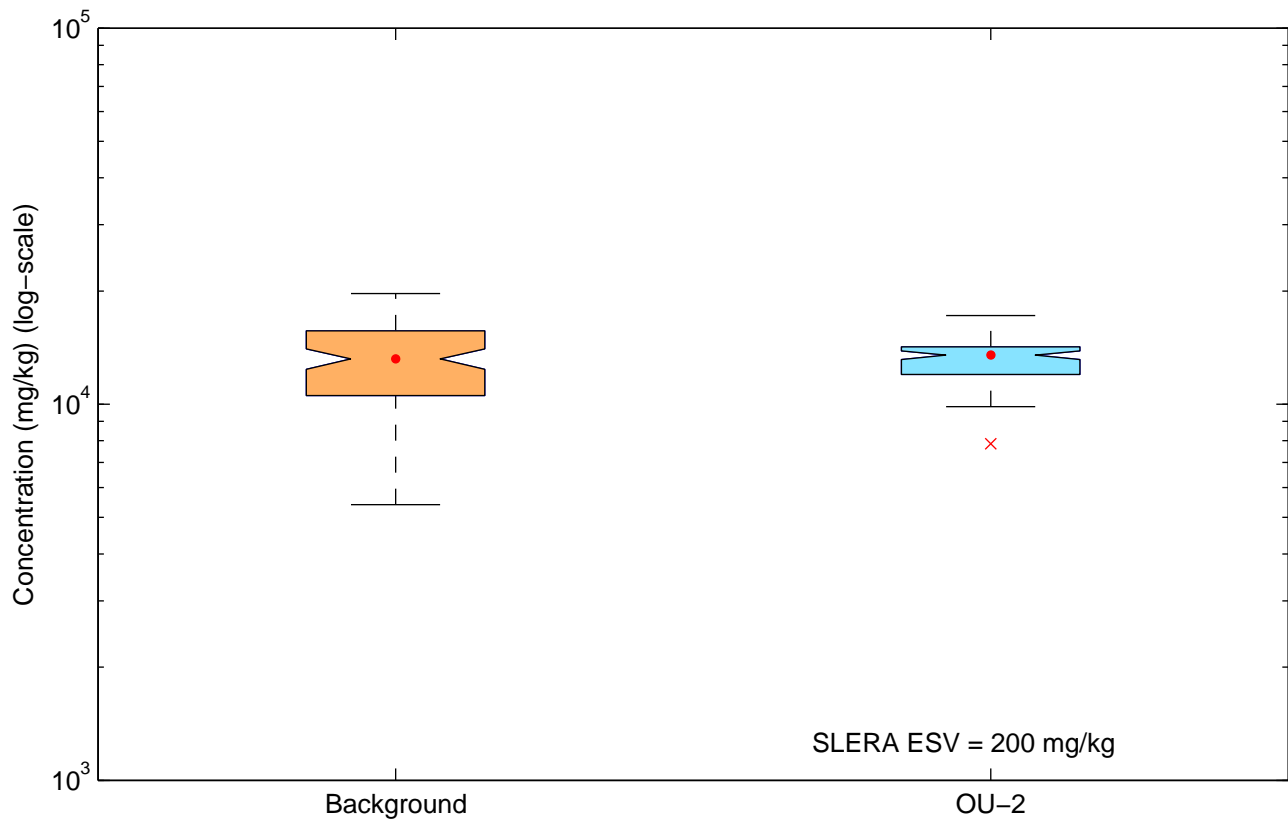
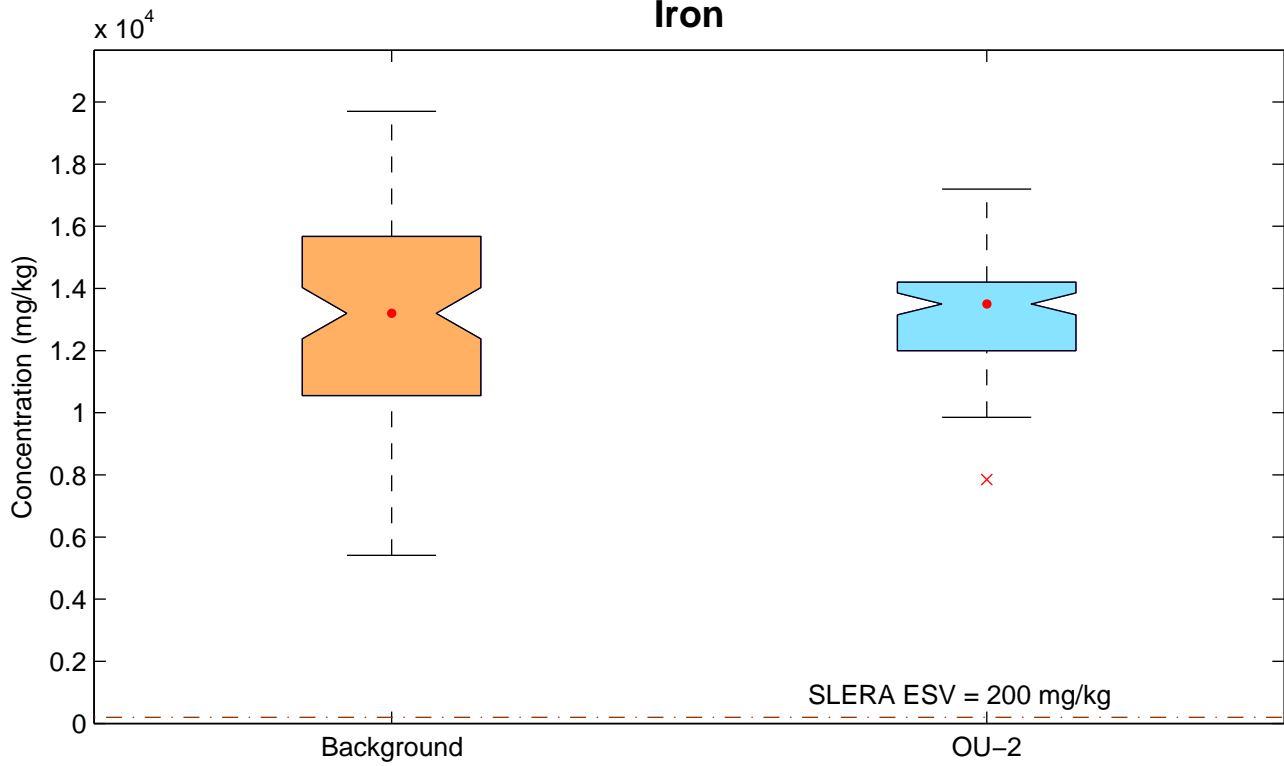
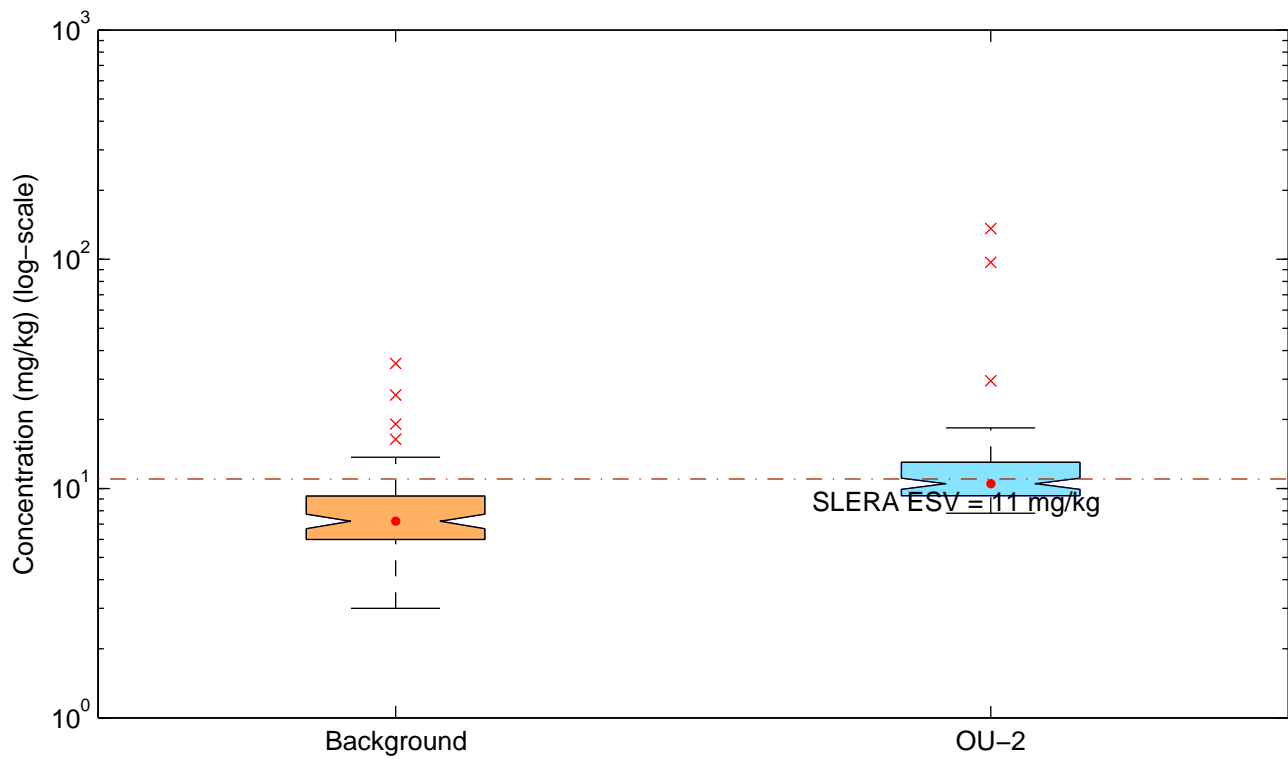
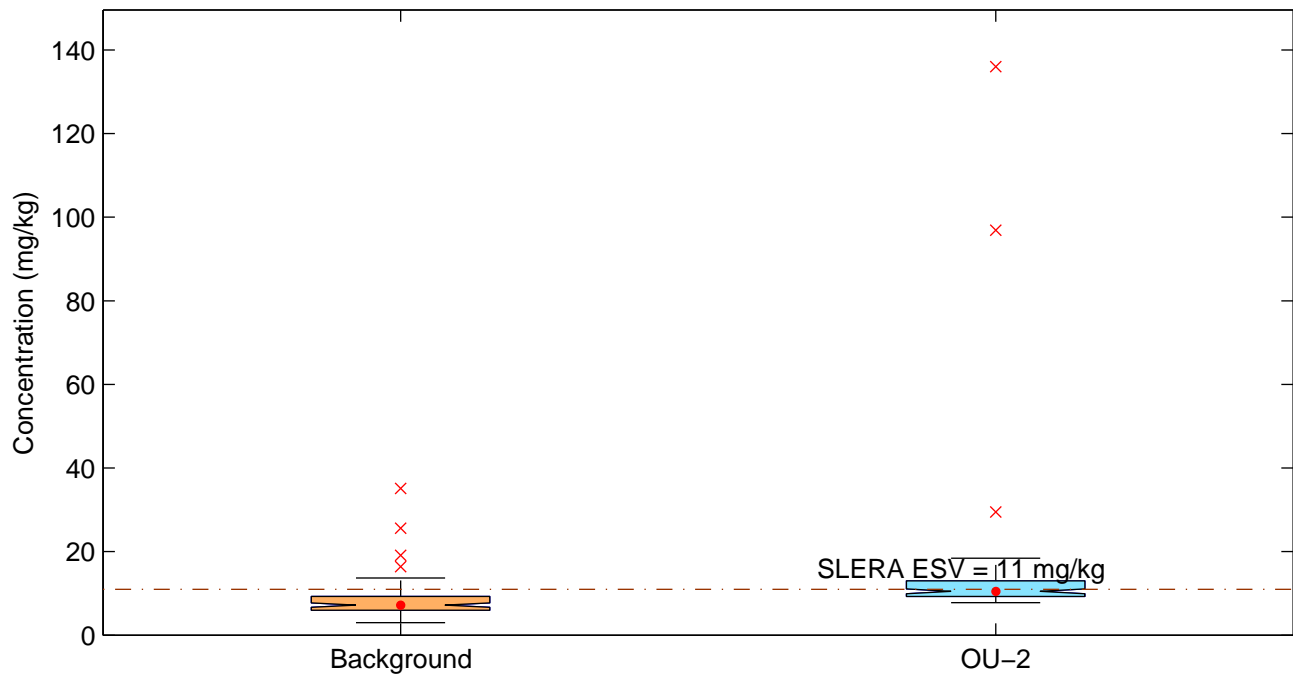
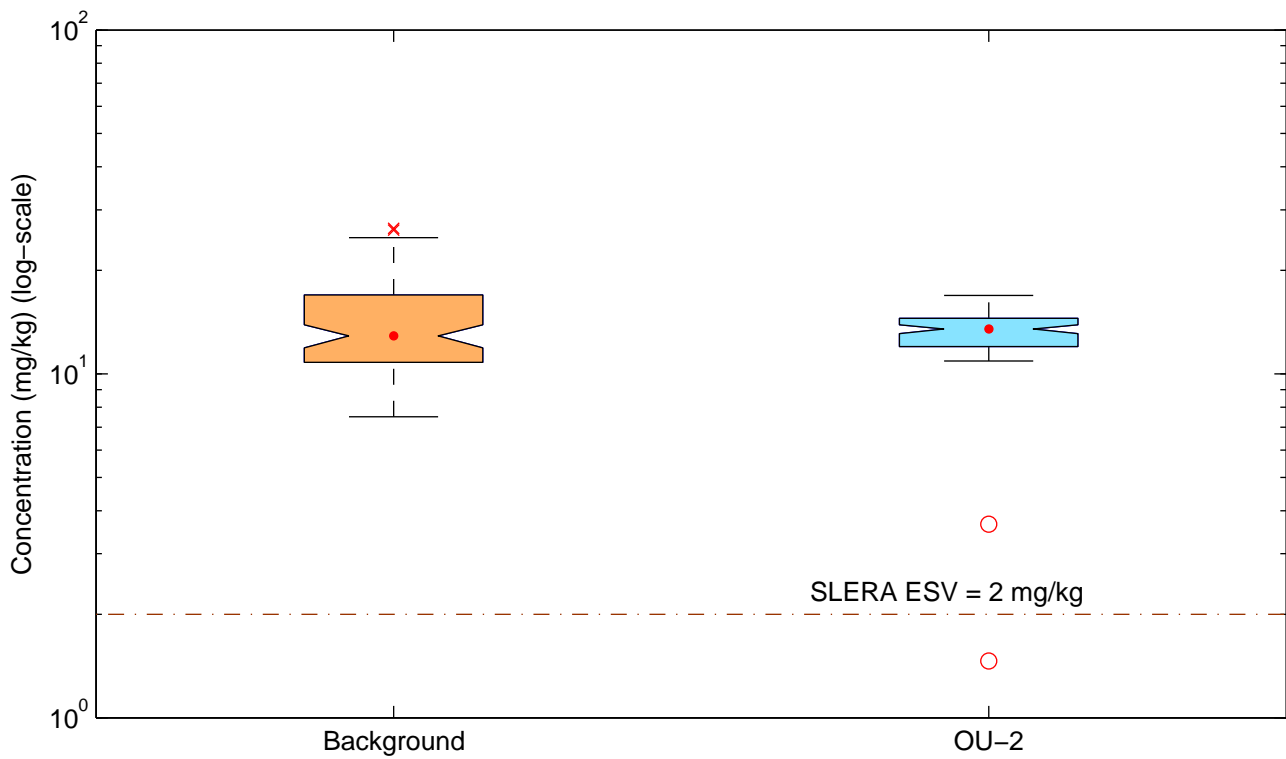
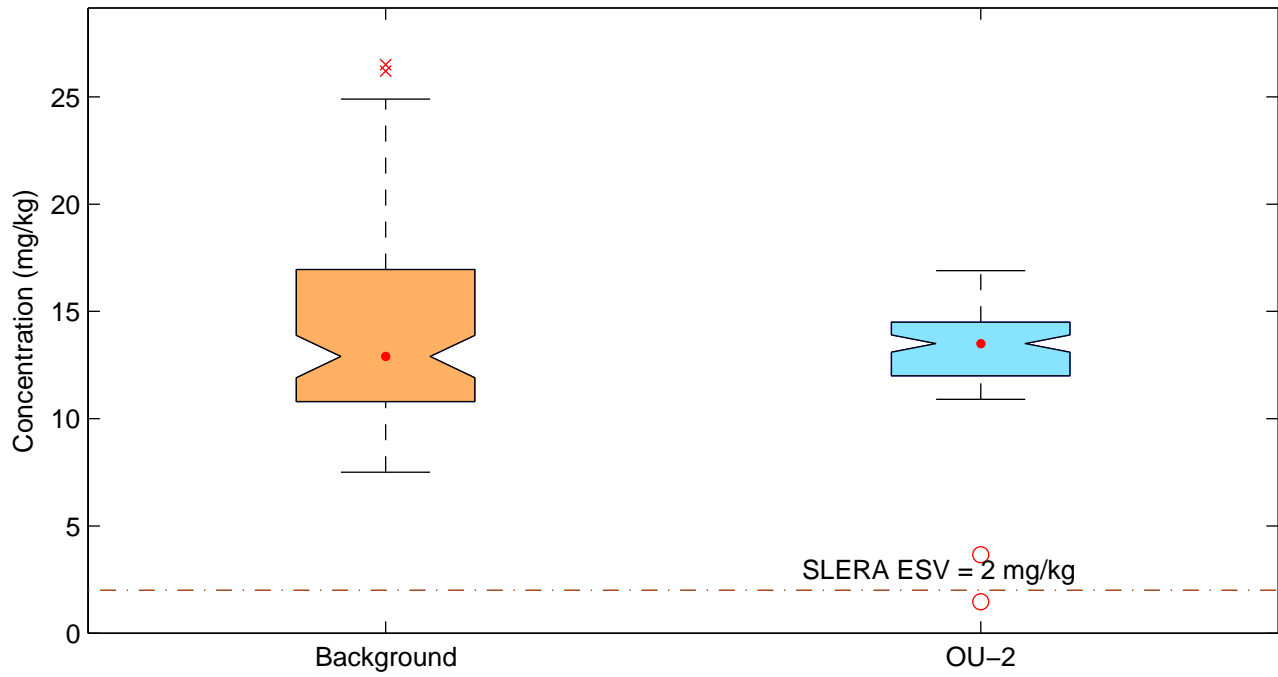


Figure C-5a. Background vs. OU-2 Boxplots for Metals
Lead



**Figure C-5a. Background vs. OU-2 Boxplots for Metals
Lithium**



**Figure C-5a. Background vs. OU-2 Boxplots for Metals
Magnesium**

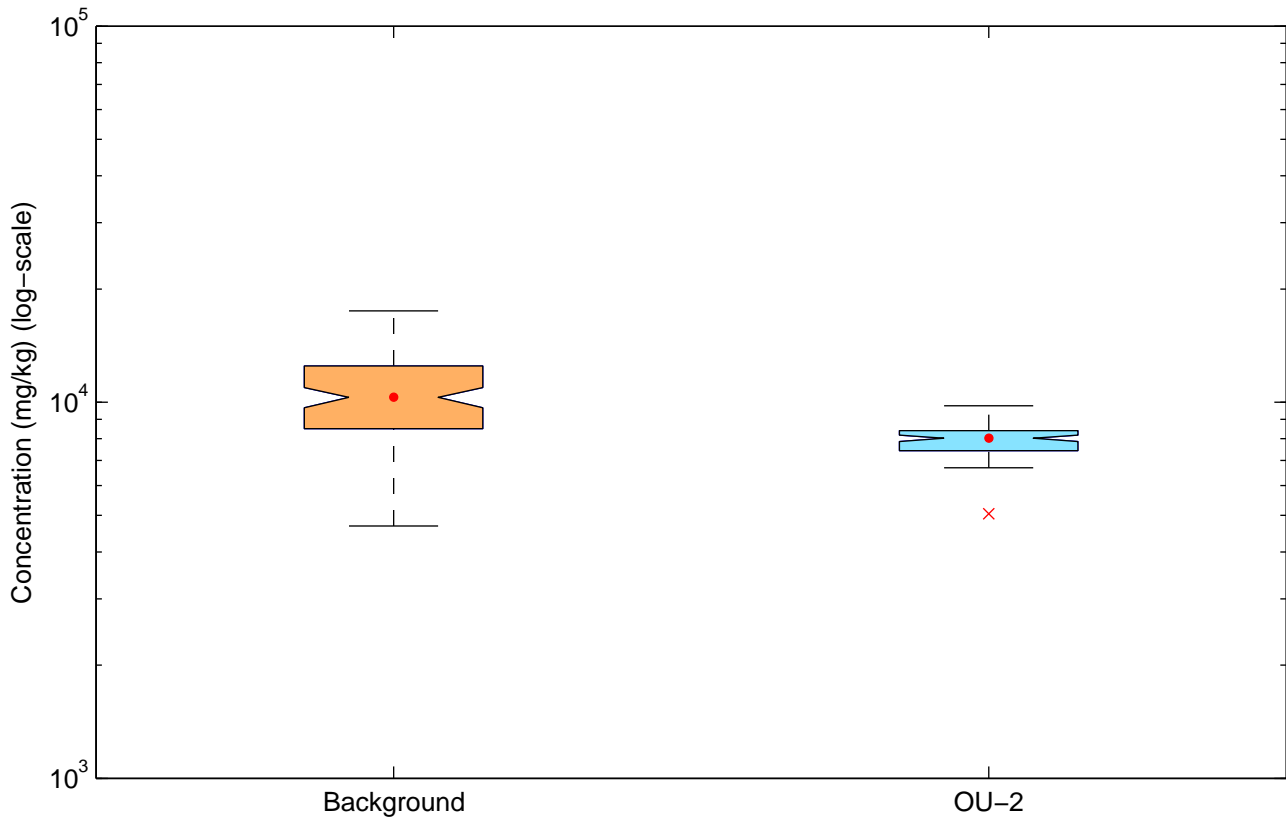
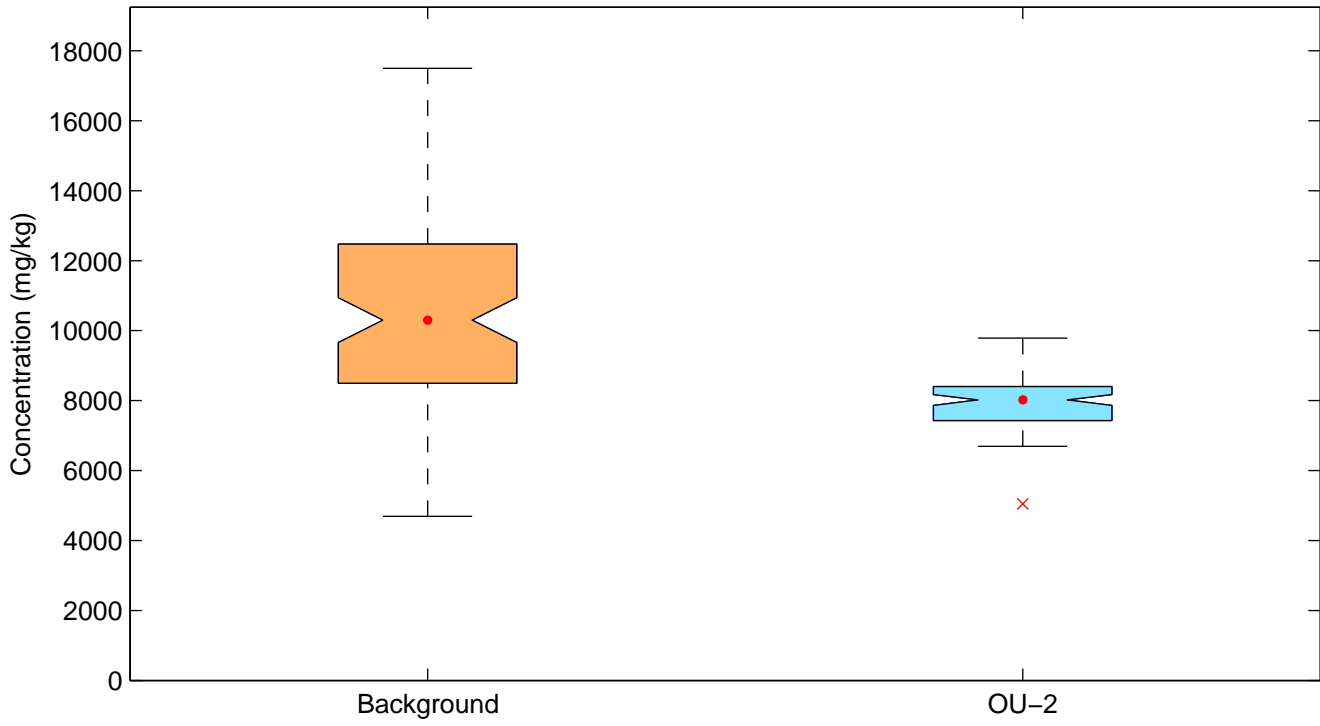


Figure C-5a. Background vs. OU-2 Boxplots for Metals
Manganese

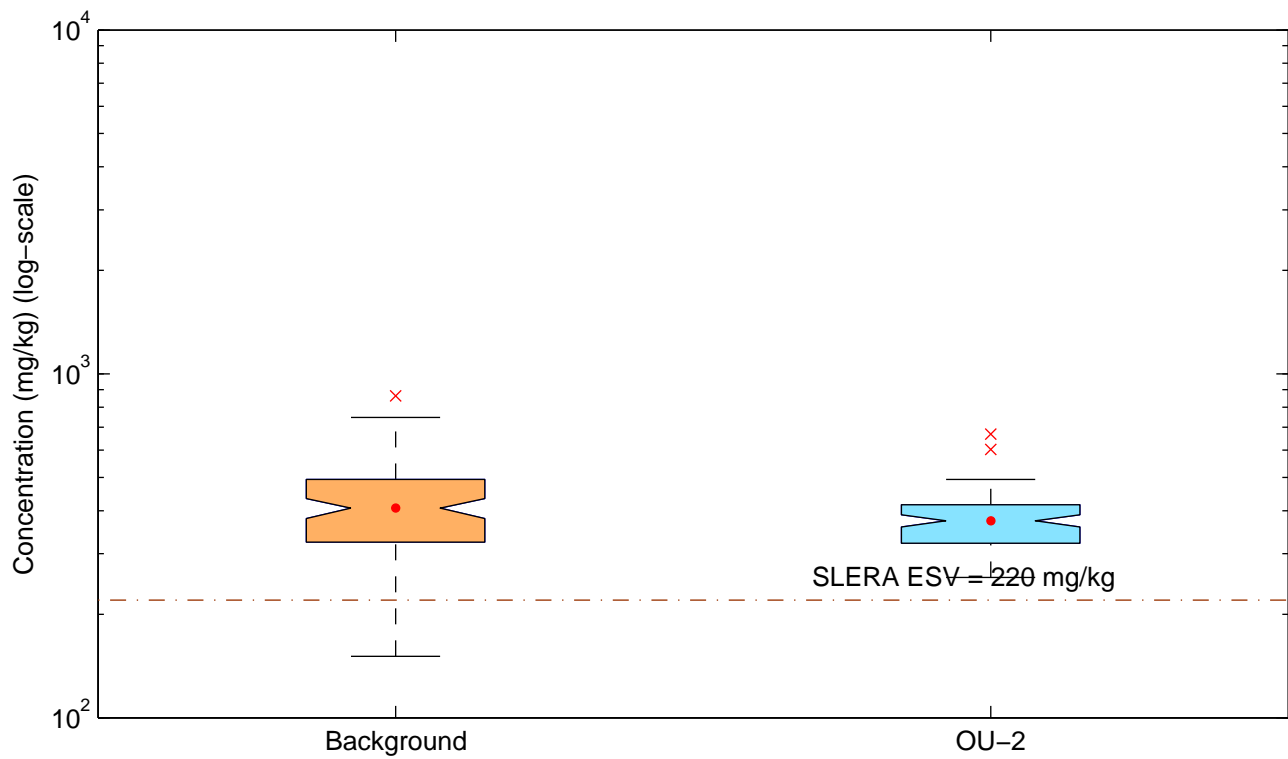
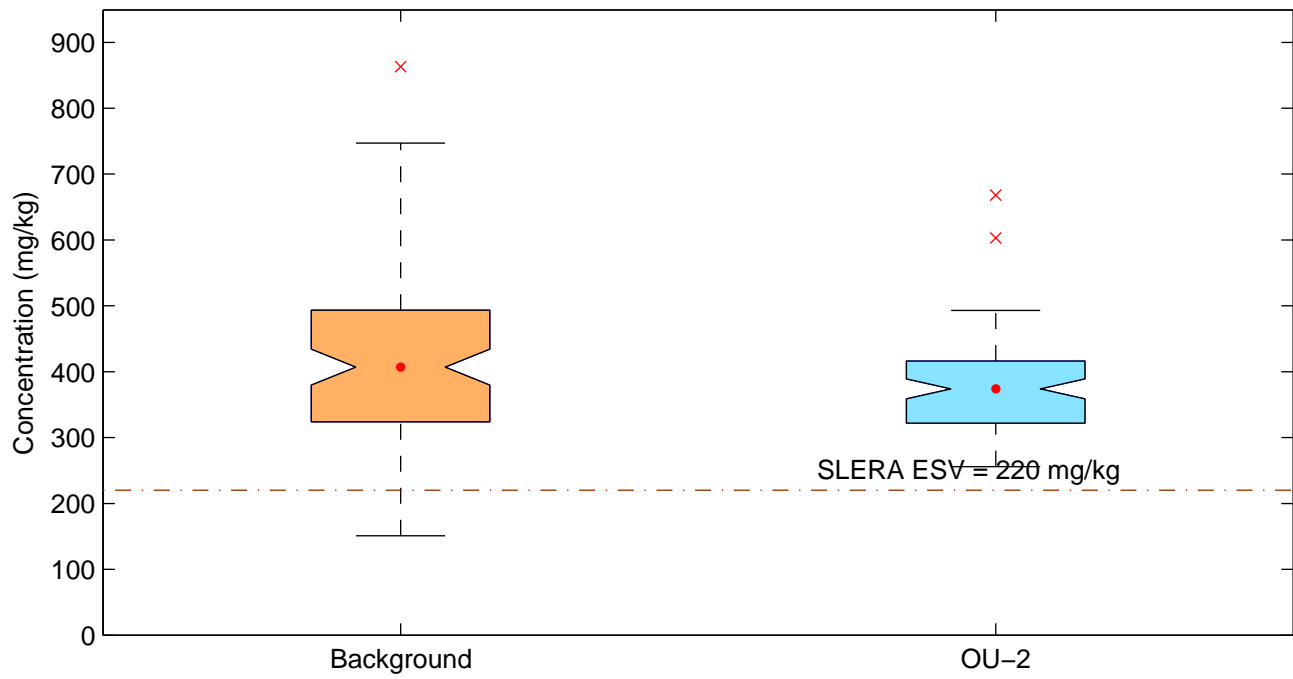
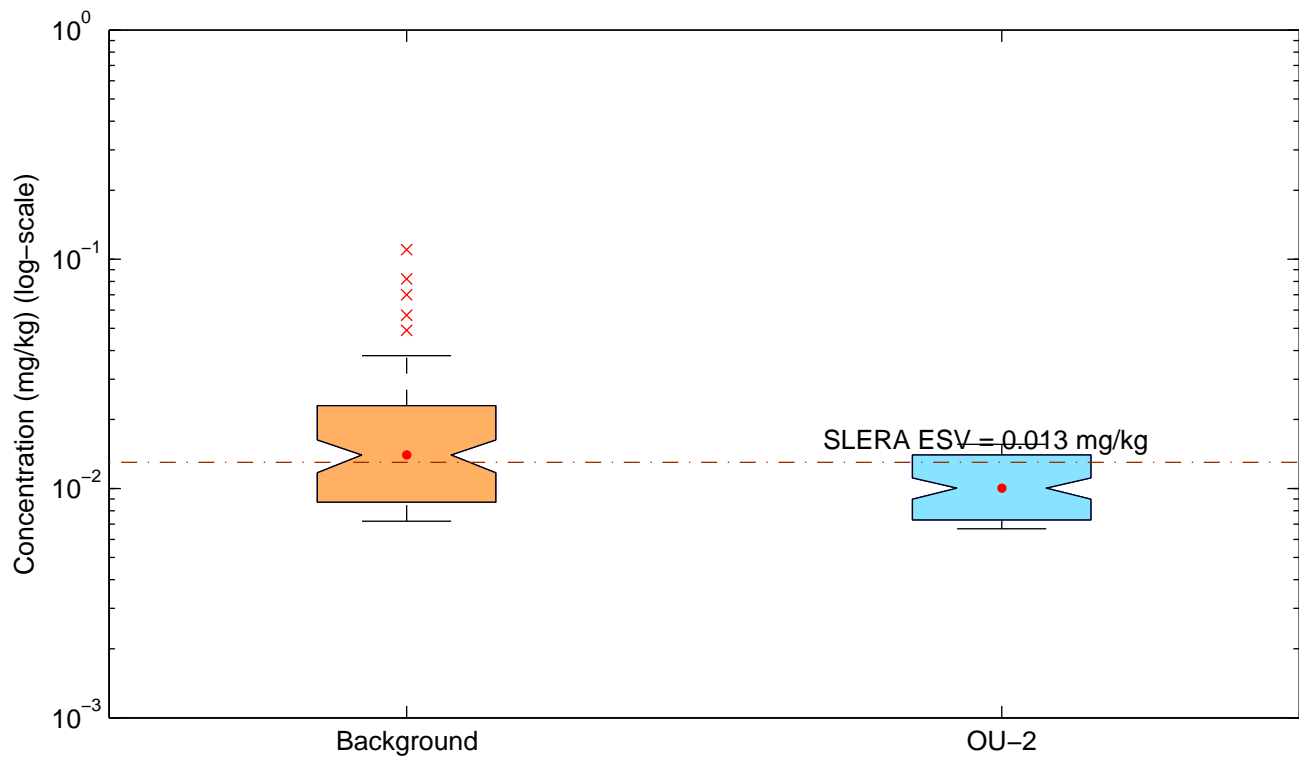
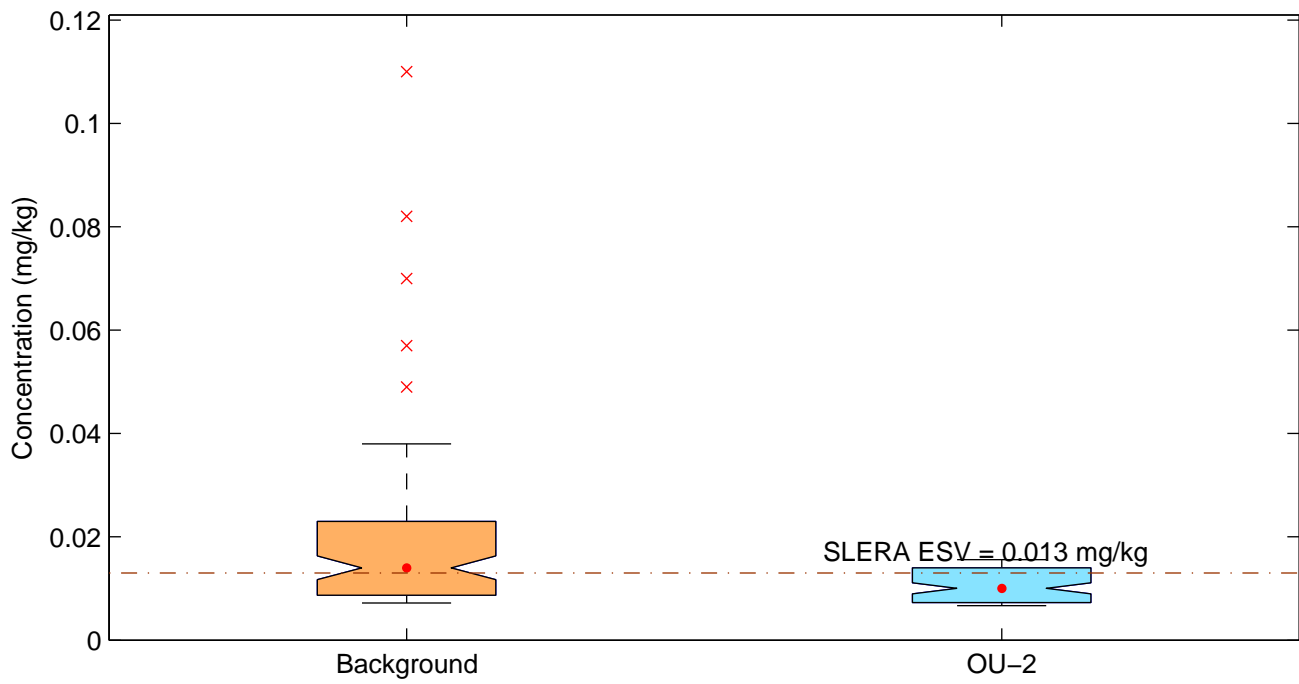
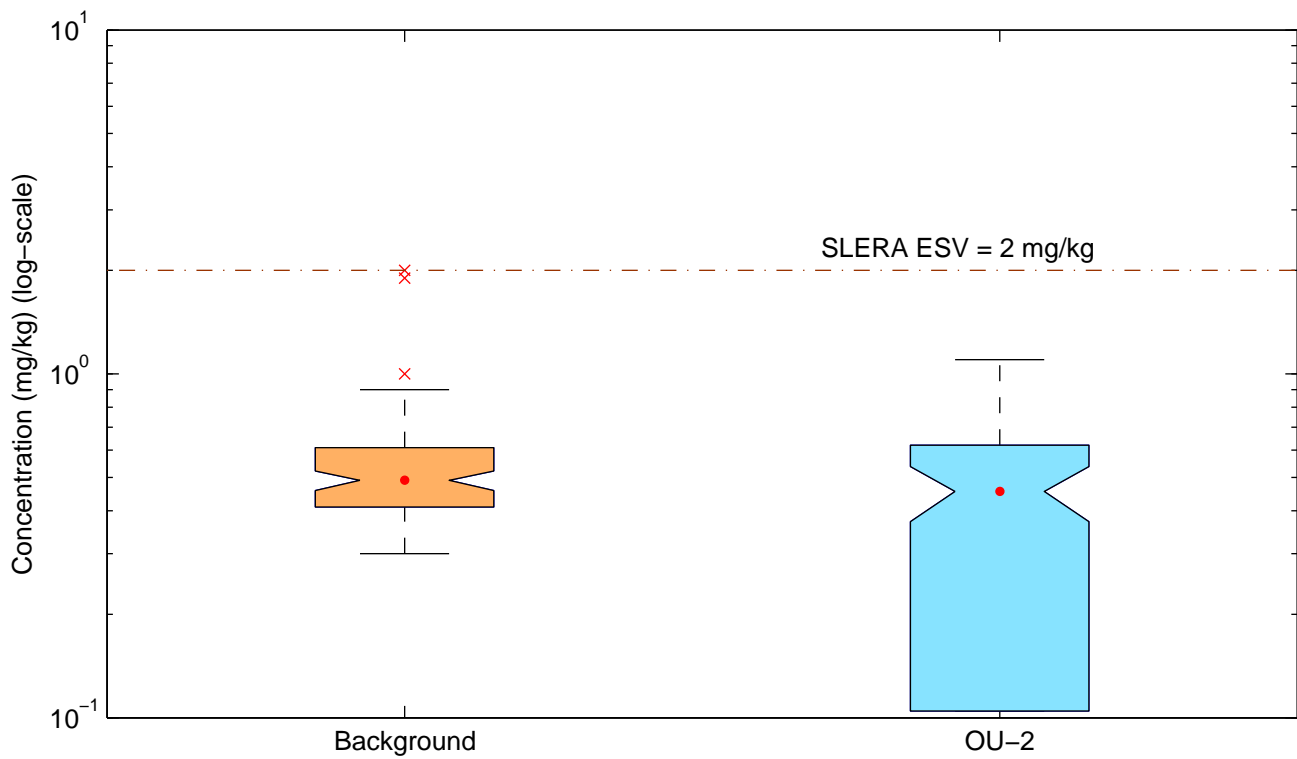
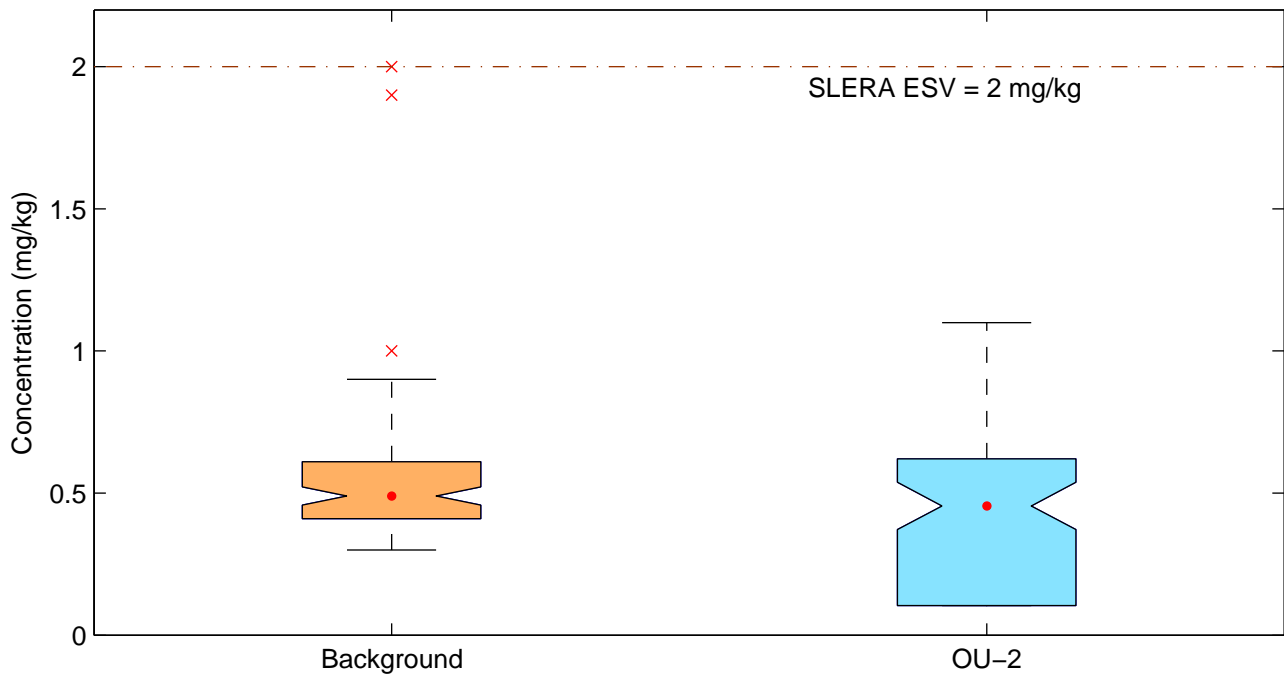


Figure C-5a. Background vs. OU-2 Boxplots for Metals
Mercury



**Figure C-5a. Background vs. OU-2 Boxplots for Metals
Molybdenum**



**Figure C-5a. Background vs. OU-2 Boxplots for Metals
Nickel**

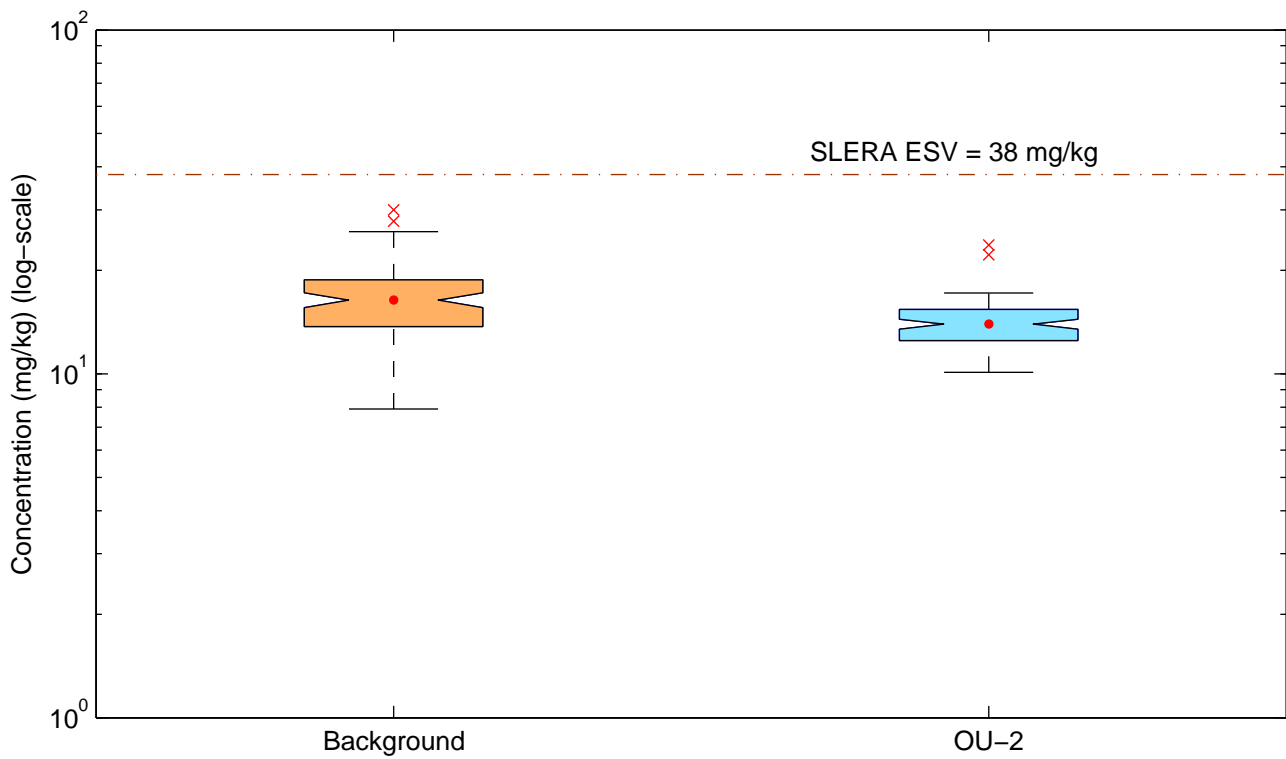
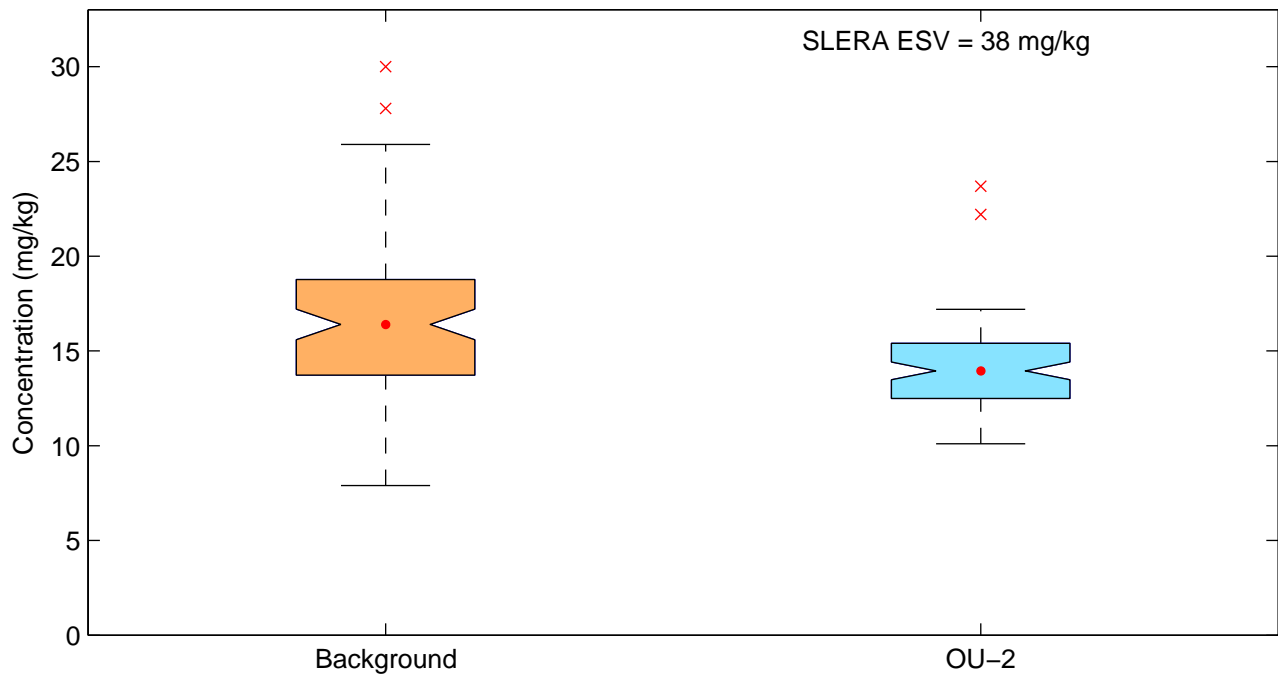
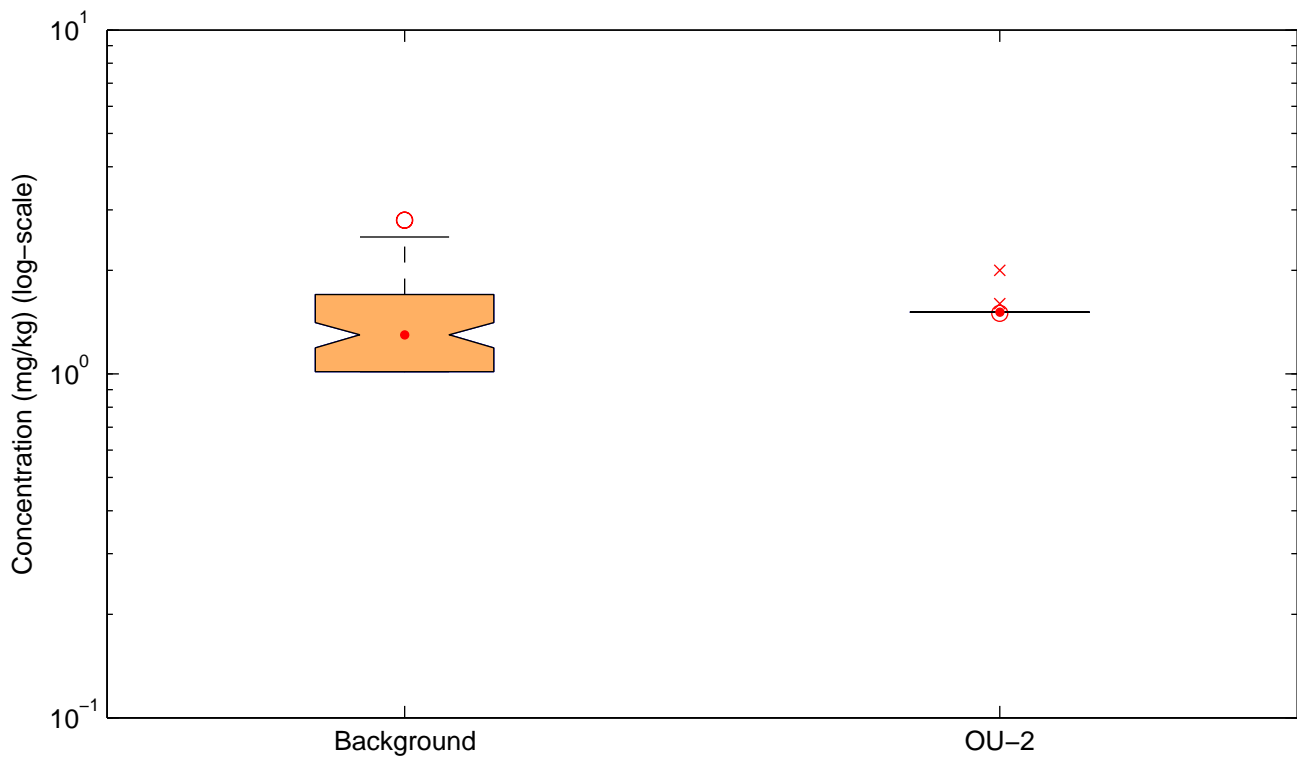
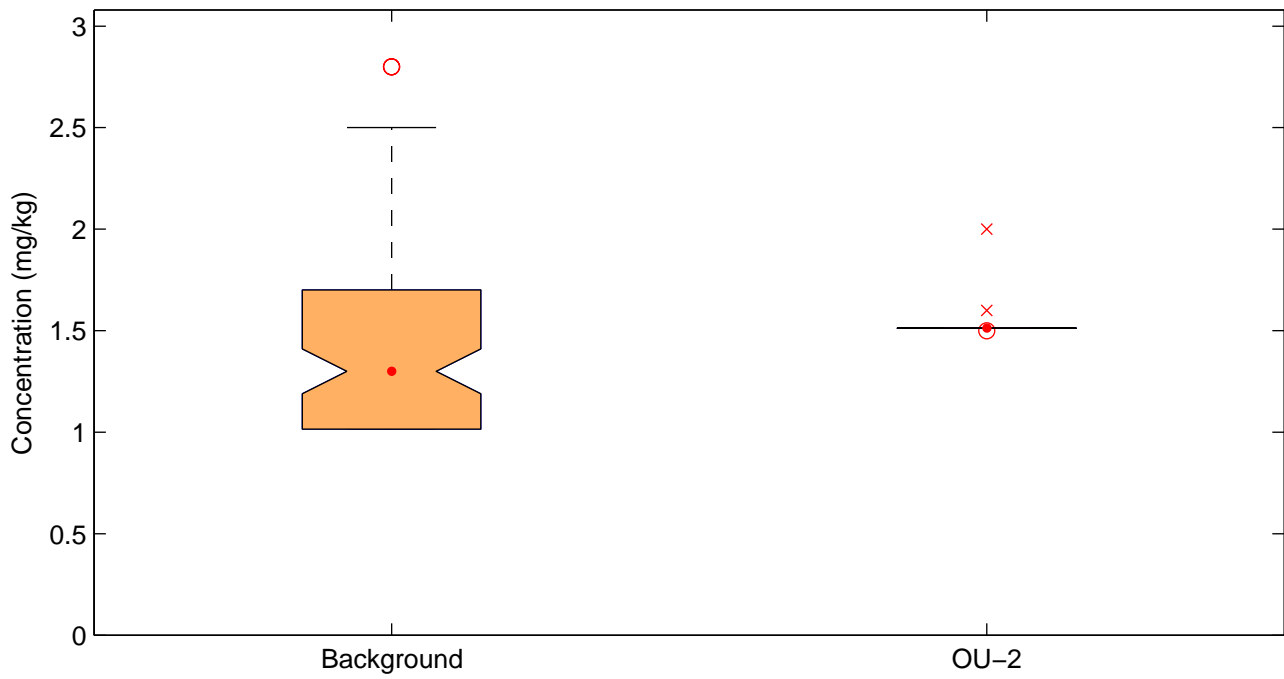
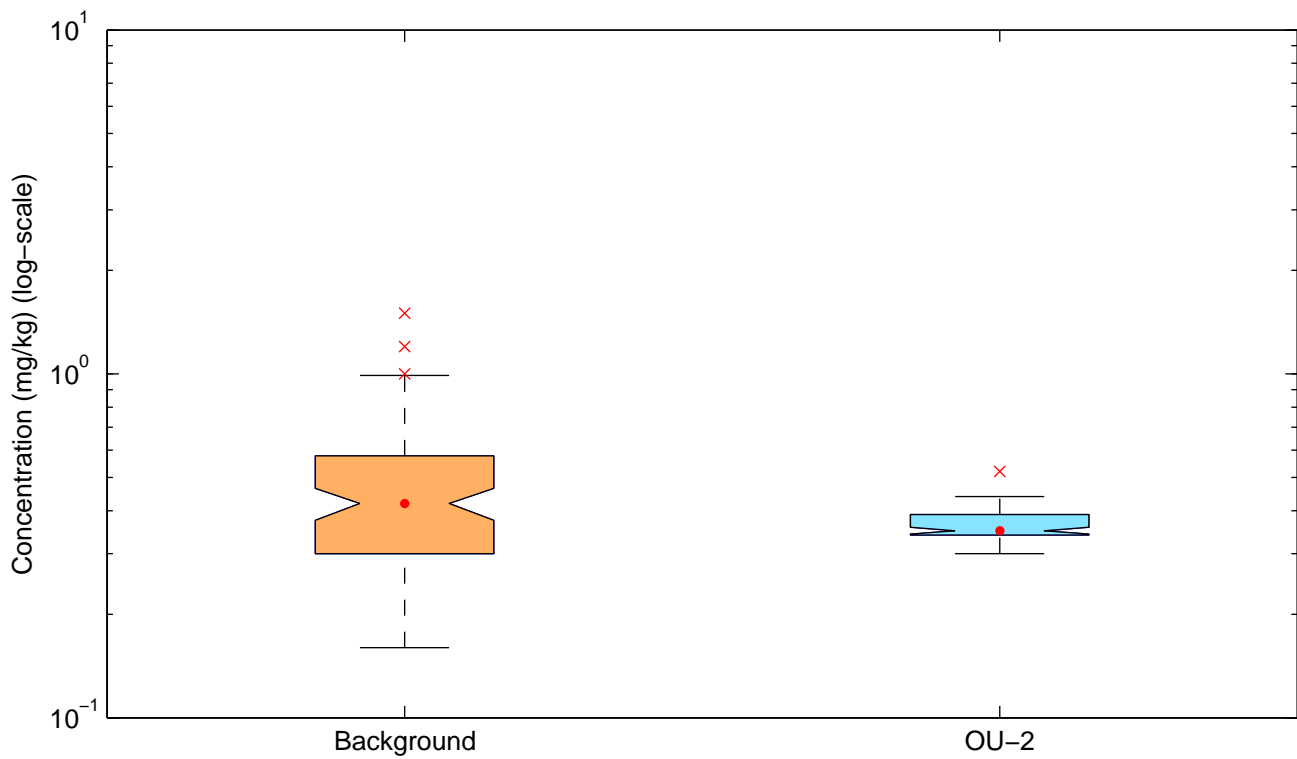
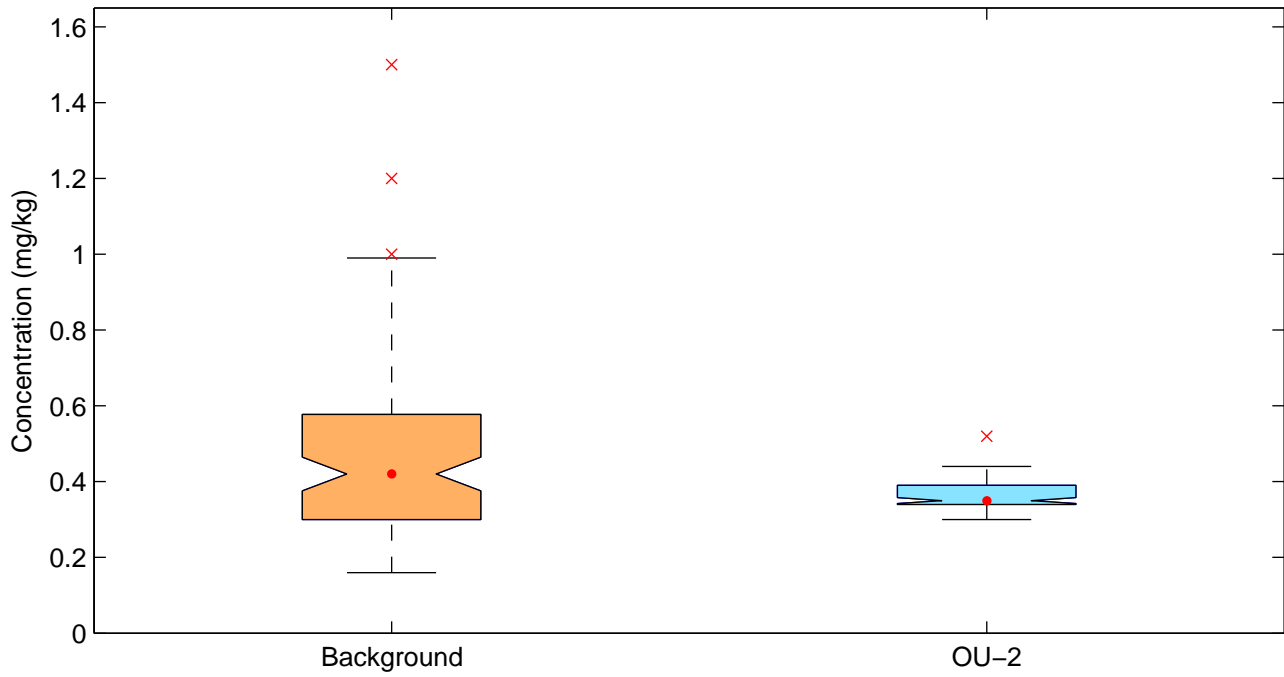


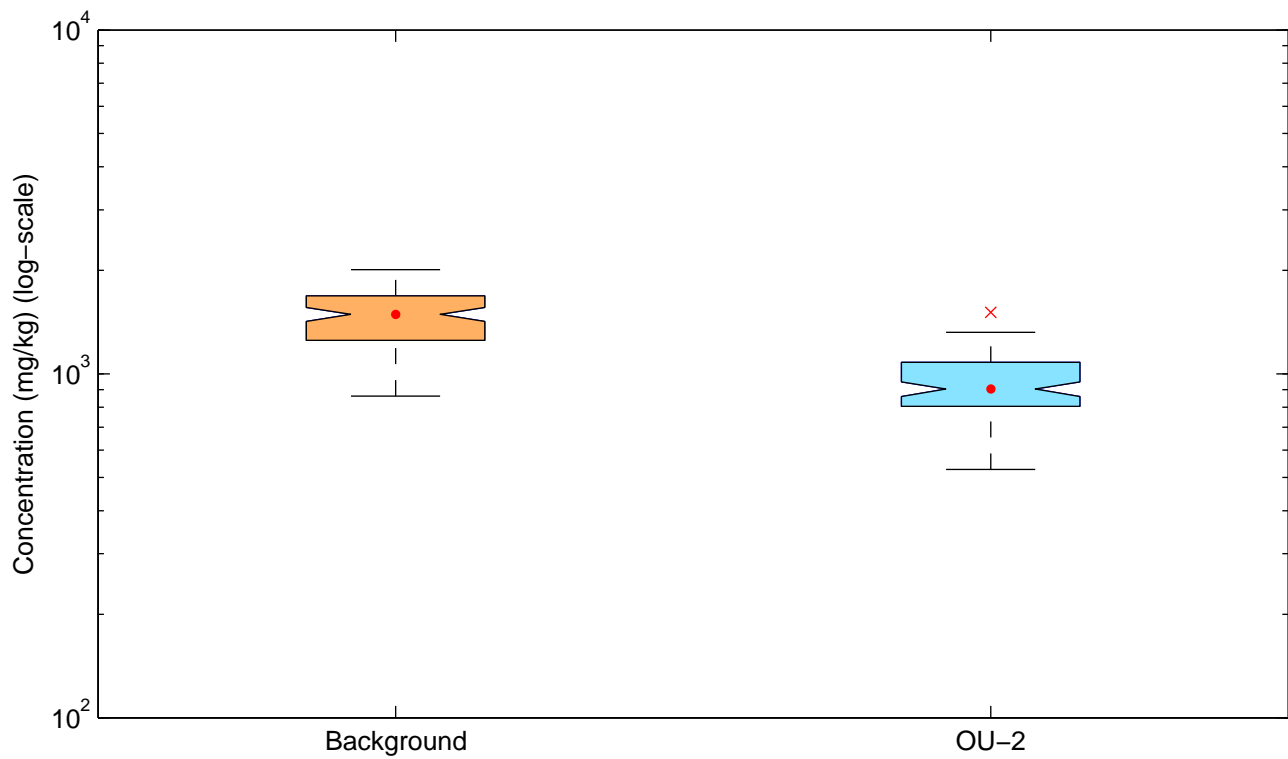
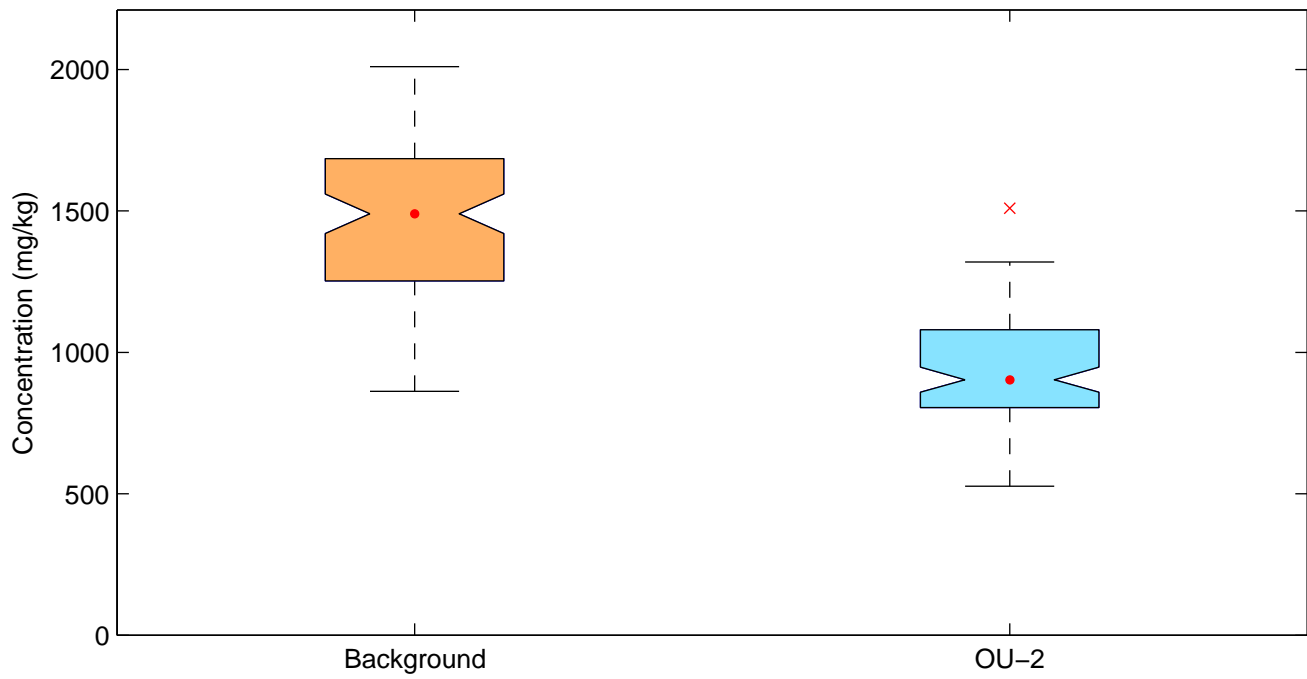
Figure C-5a. Background vs. OU-2 Boxplots for Metals
Niobium



**Figure C-5a. Background vs. OU-2 Boxplots for Metals
Palladium**



**Figure C-5a. Background vs. OU-2 Boxplots for Metals
Phosphorus (total)**



**Figure C-5a. Background vs. OU-2 Boxplots for Metals
Platinum**

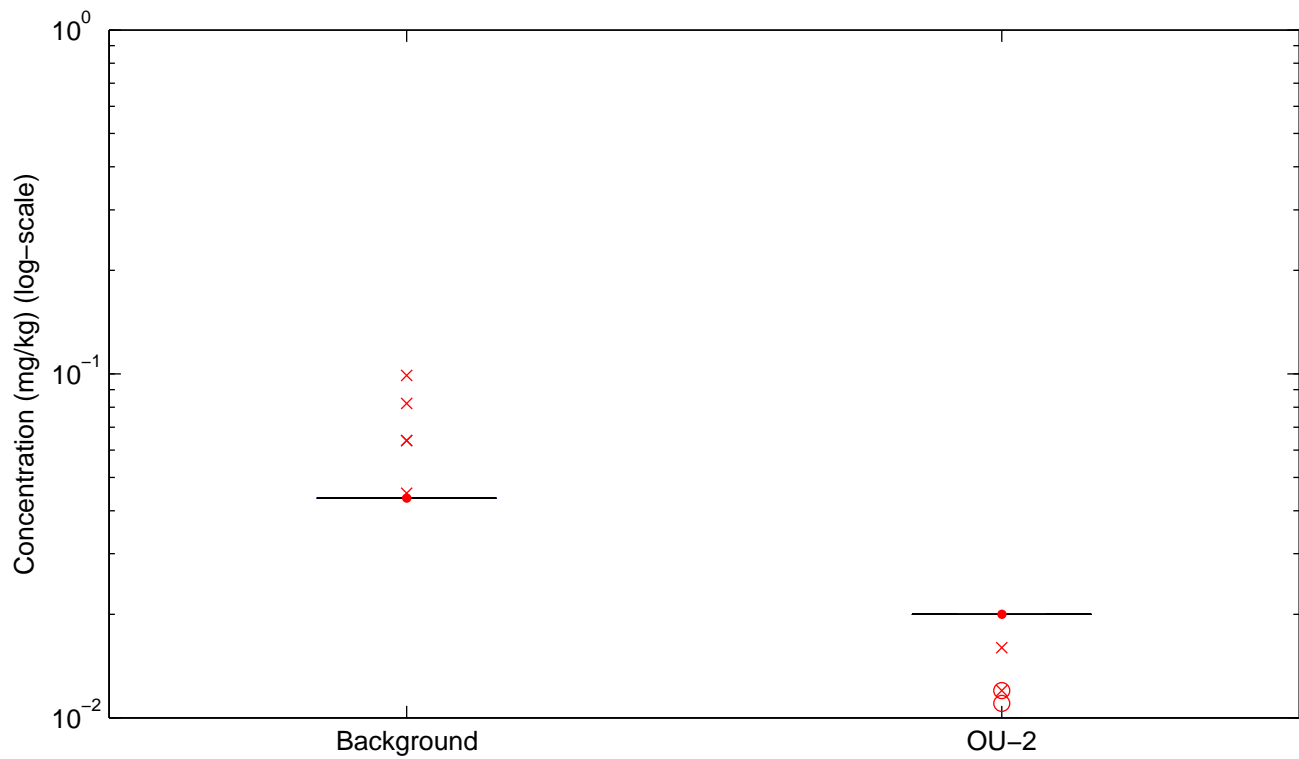
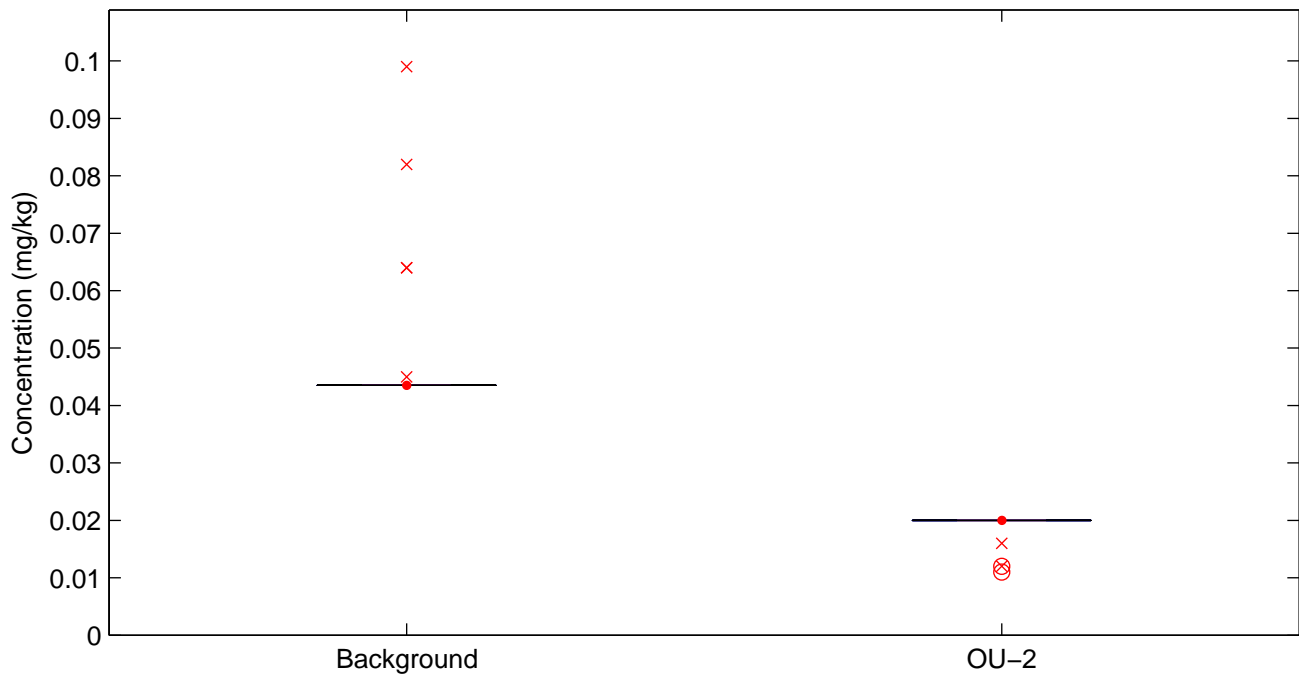
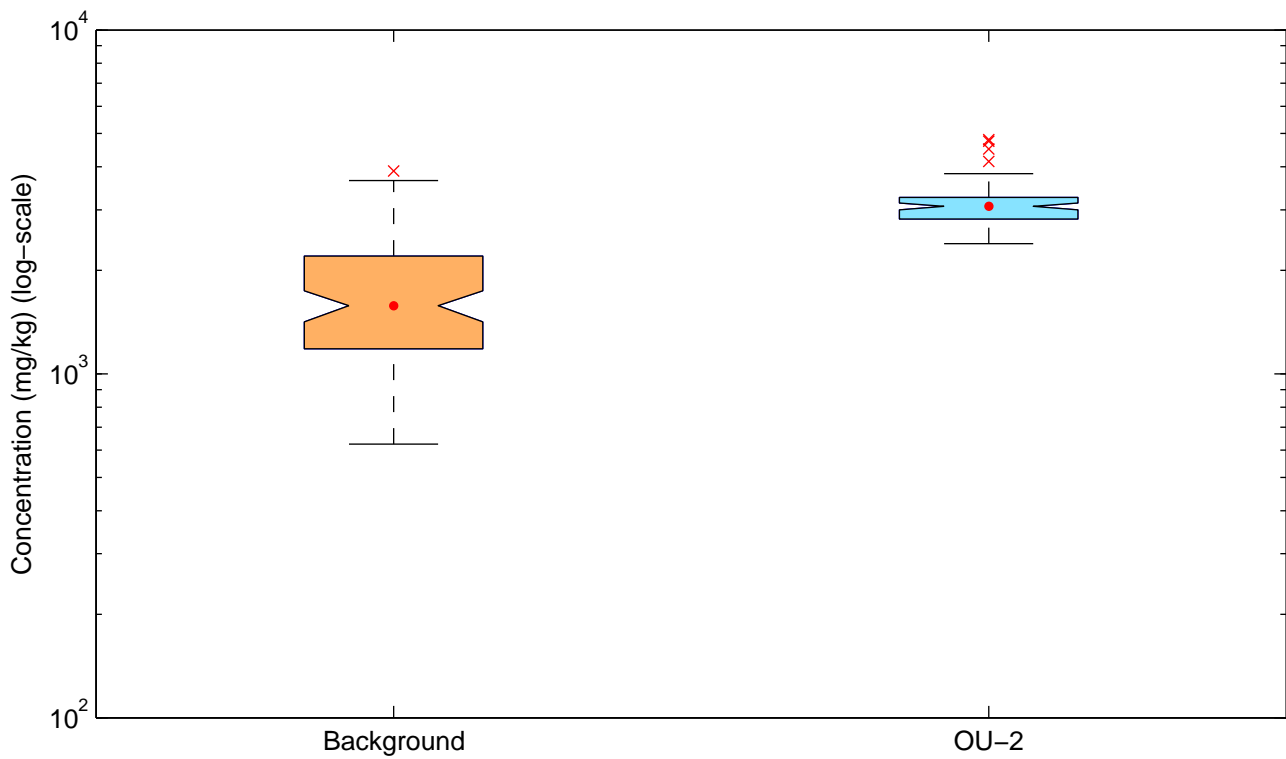
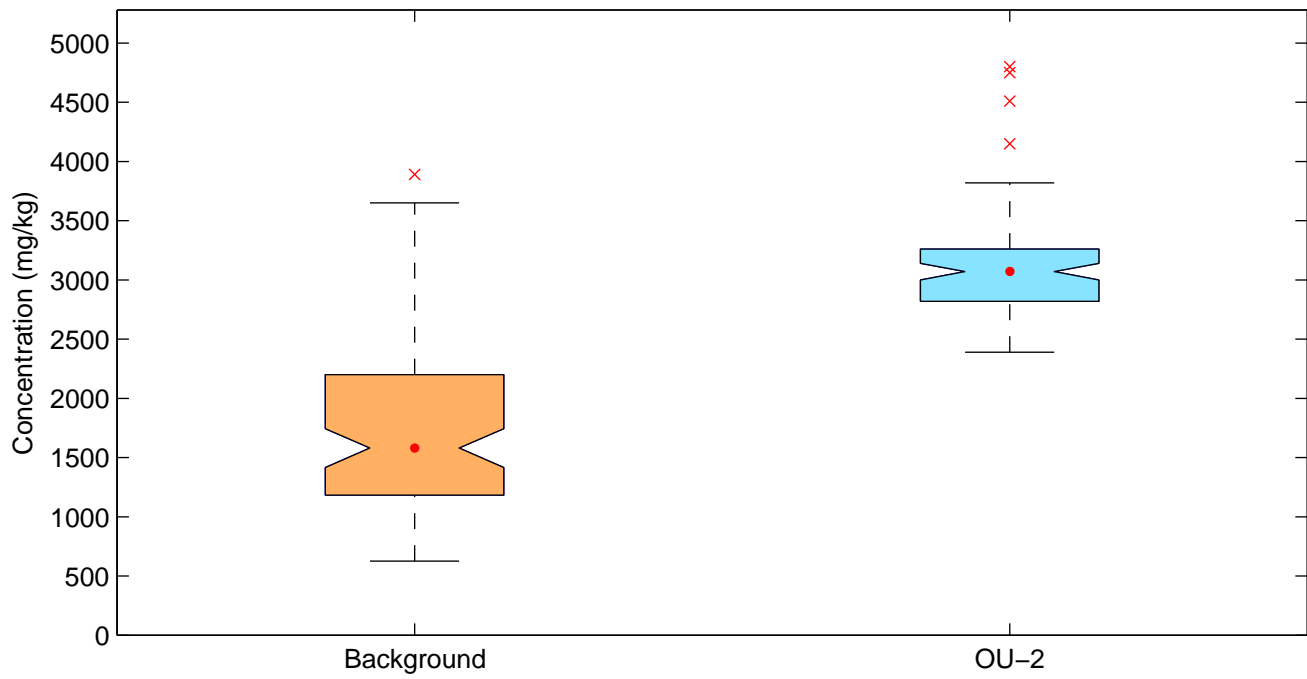
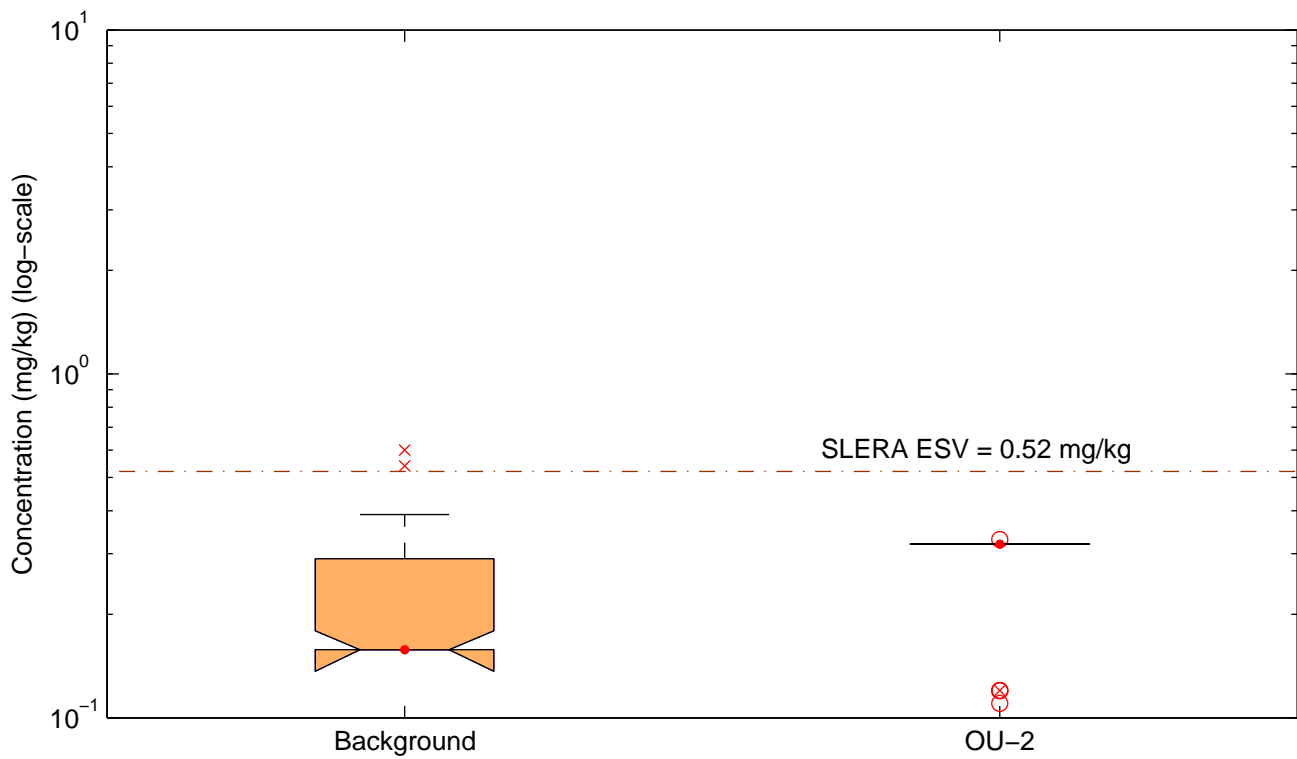
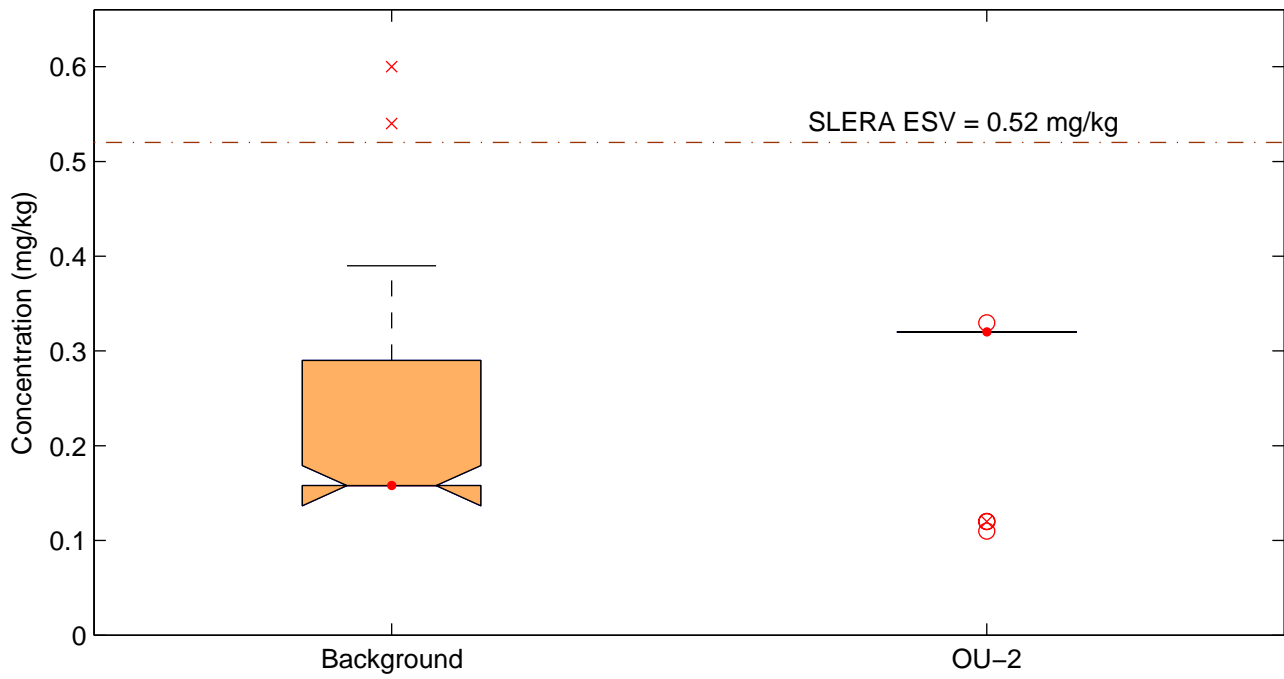


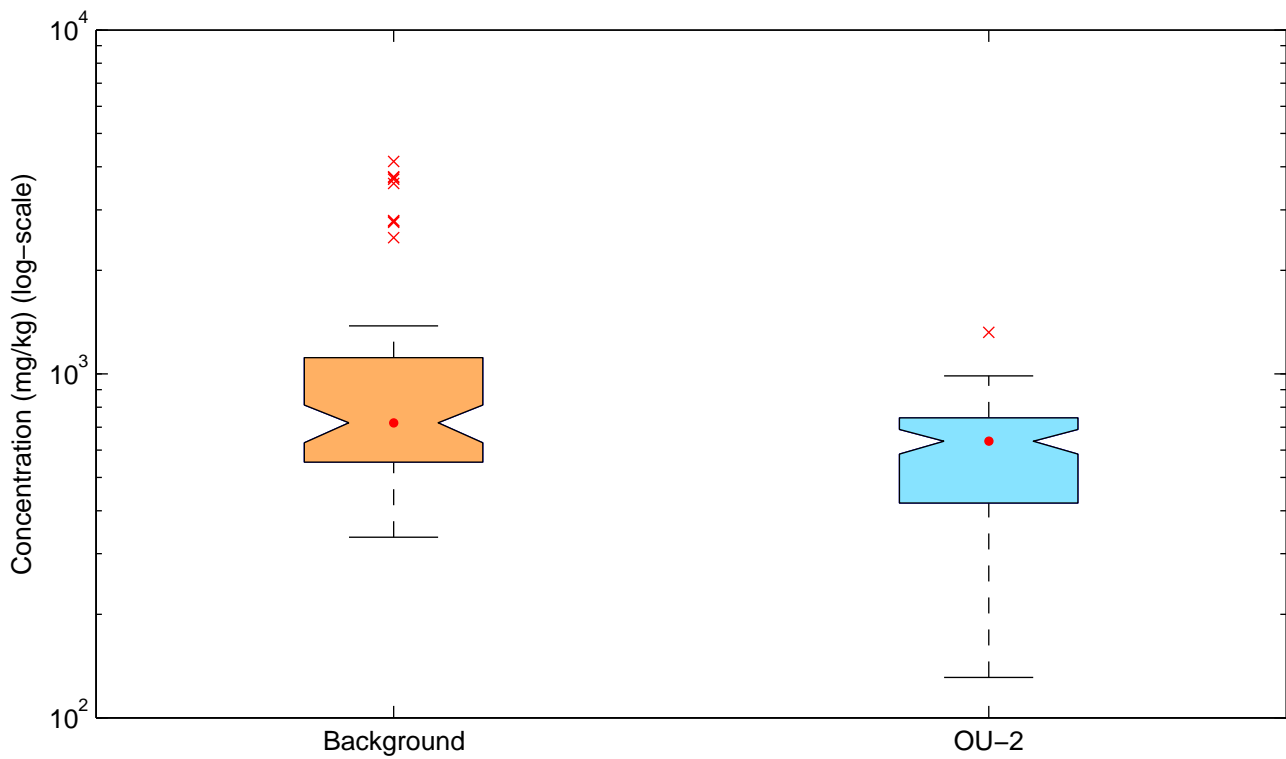
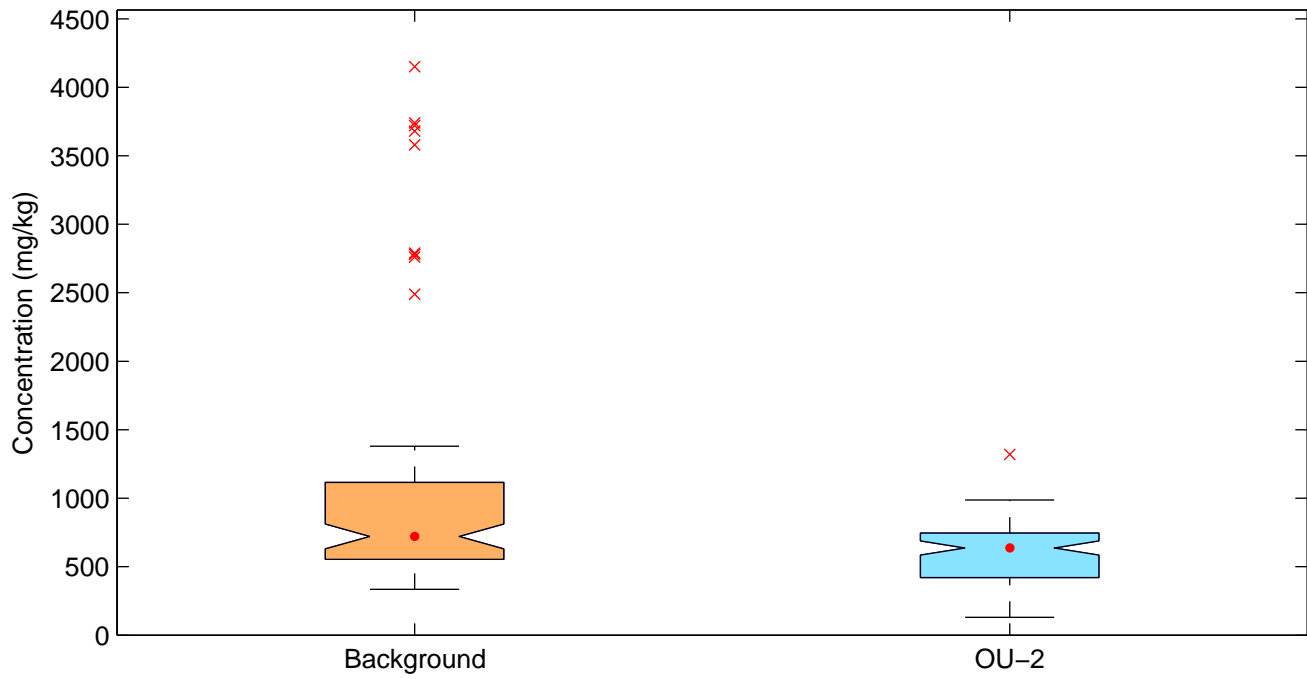
Figure C-5a. Background vs. OU-2 Boxplots for Metals
Potassium



**Figure C-5a. Background vs. OU-2 Boxplots for Metals
Selenium**



**Figure C-5a. Background vs. OU-2 Boxplots for Metals
Silicon**



**Figure C-5a. Background vs. OU-2 Boxplots for Metals
Silver**

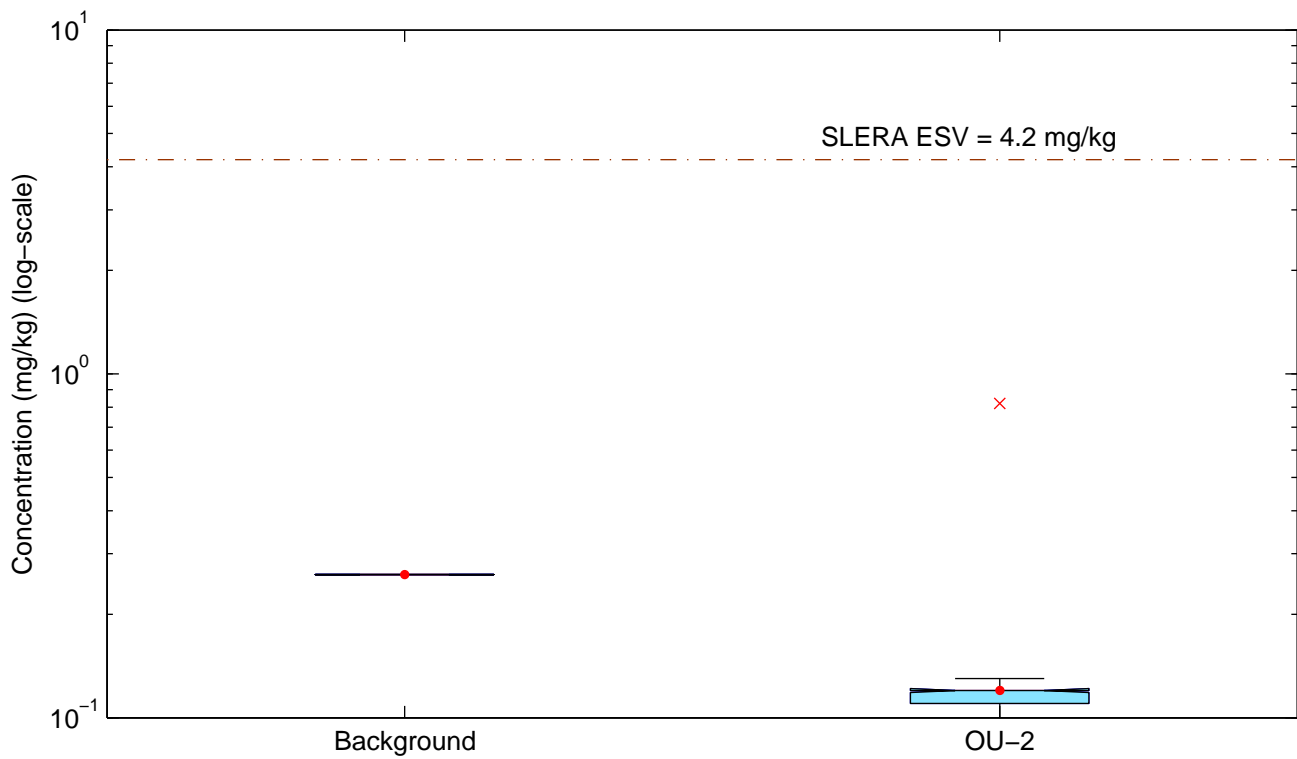
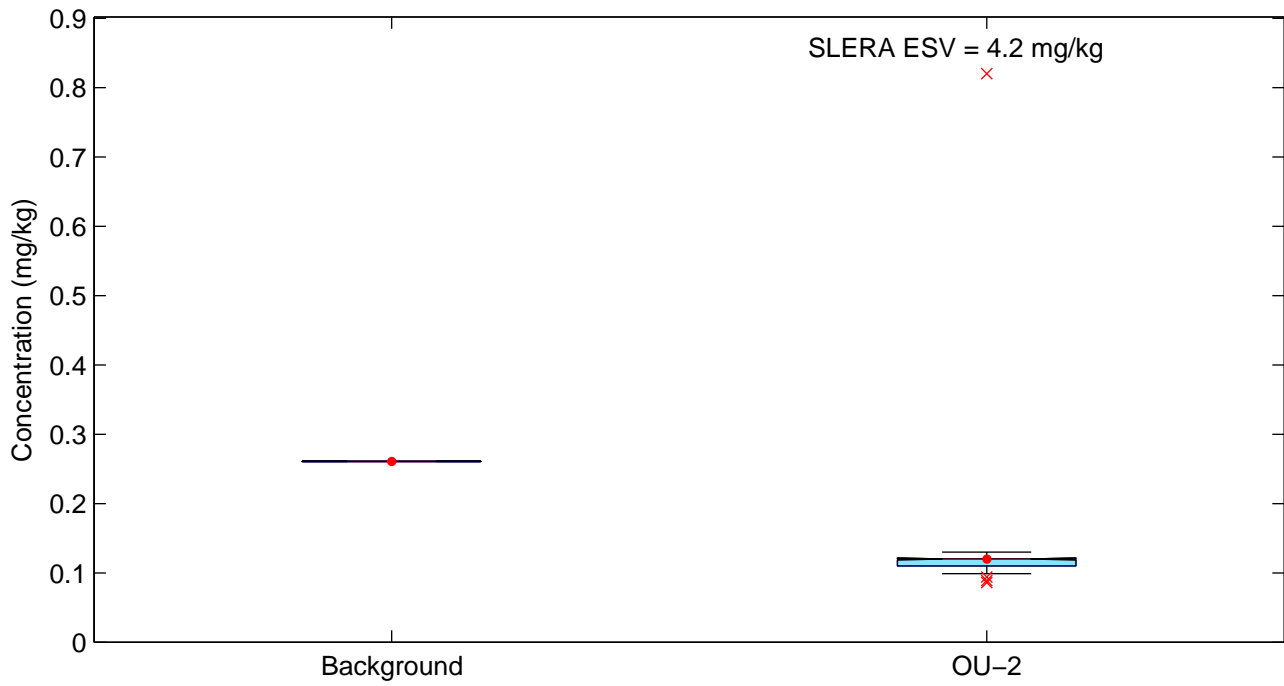


Figure C-5a. Background vs. OU-2 Boxplots for Metals
Sodium

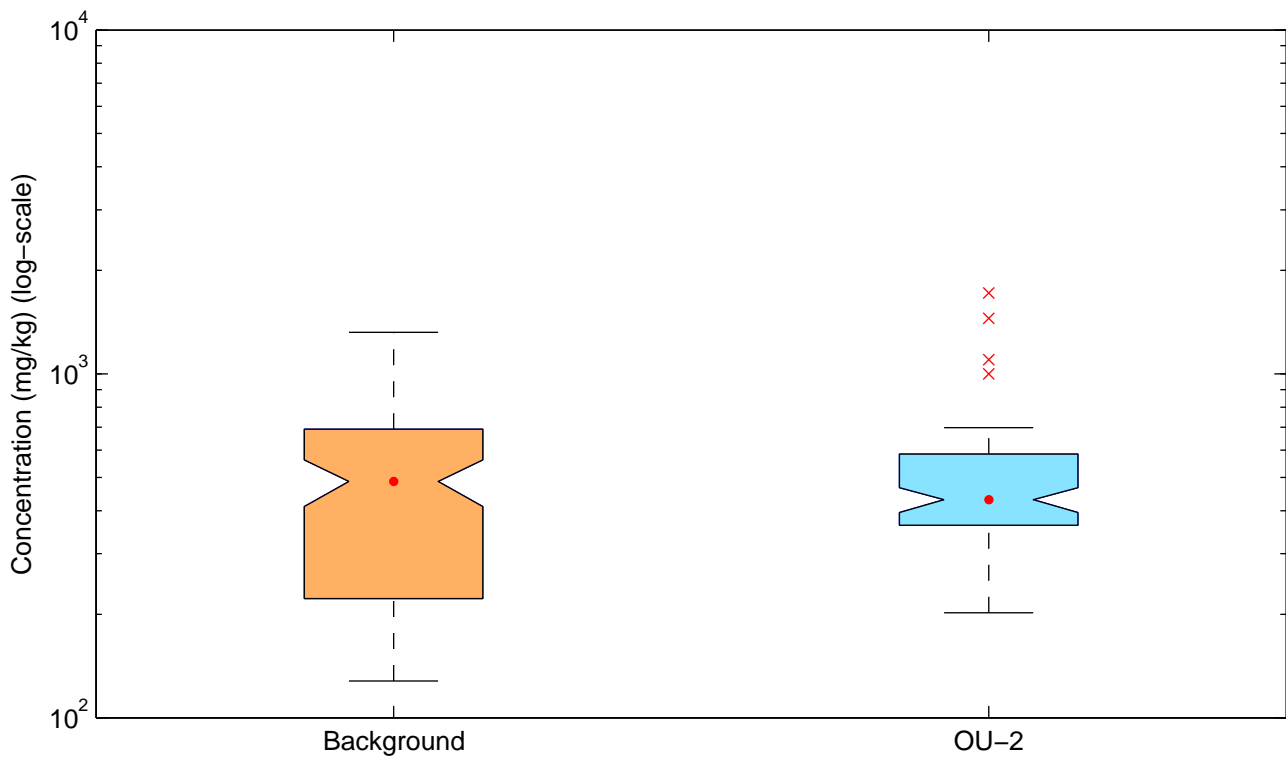
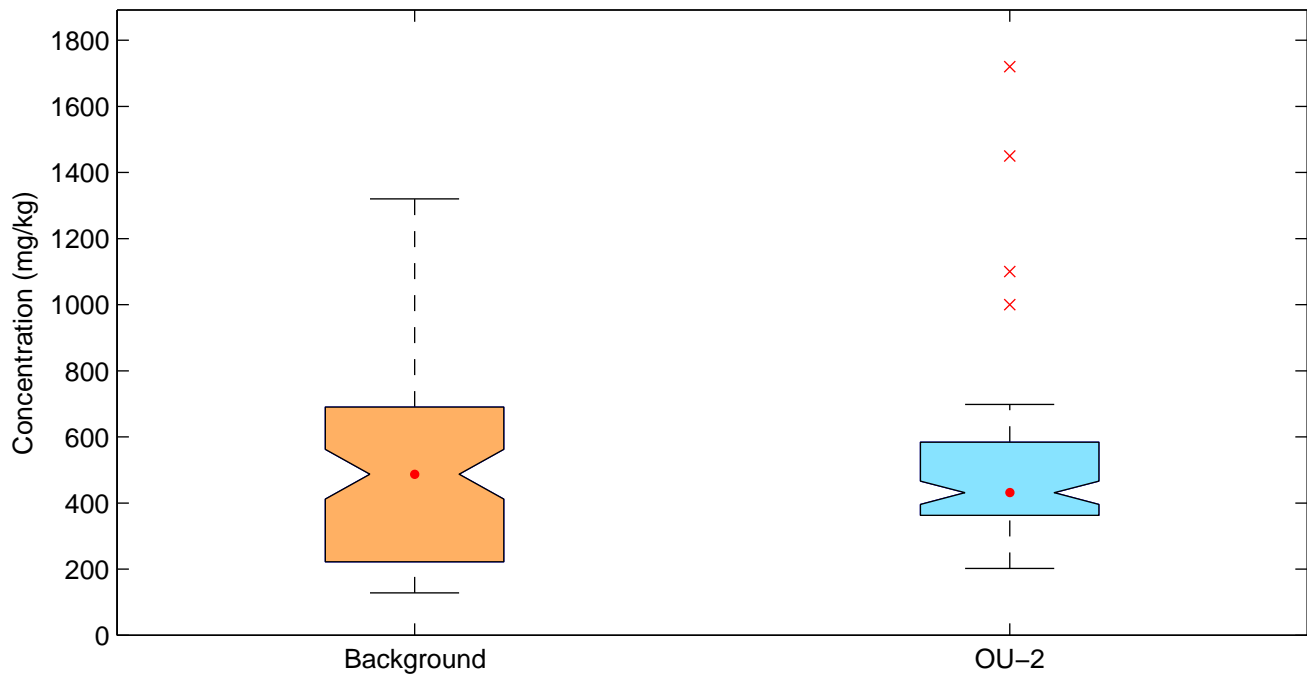


Figure C-5a. Background vs. OU-2 Boxplots for Metals
Strontium

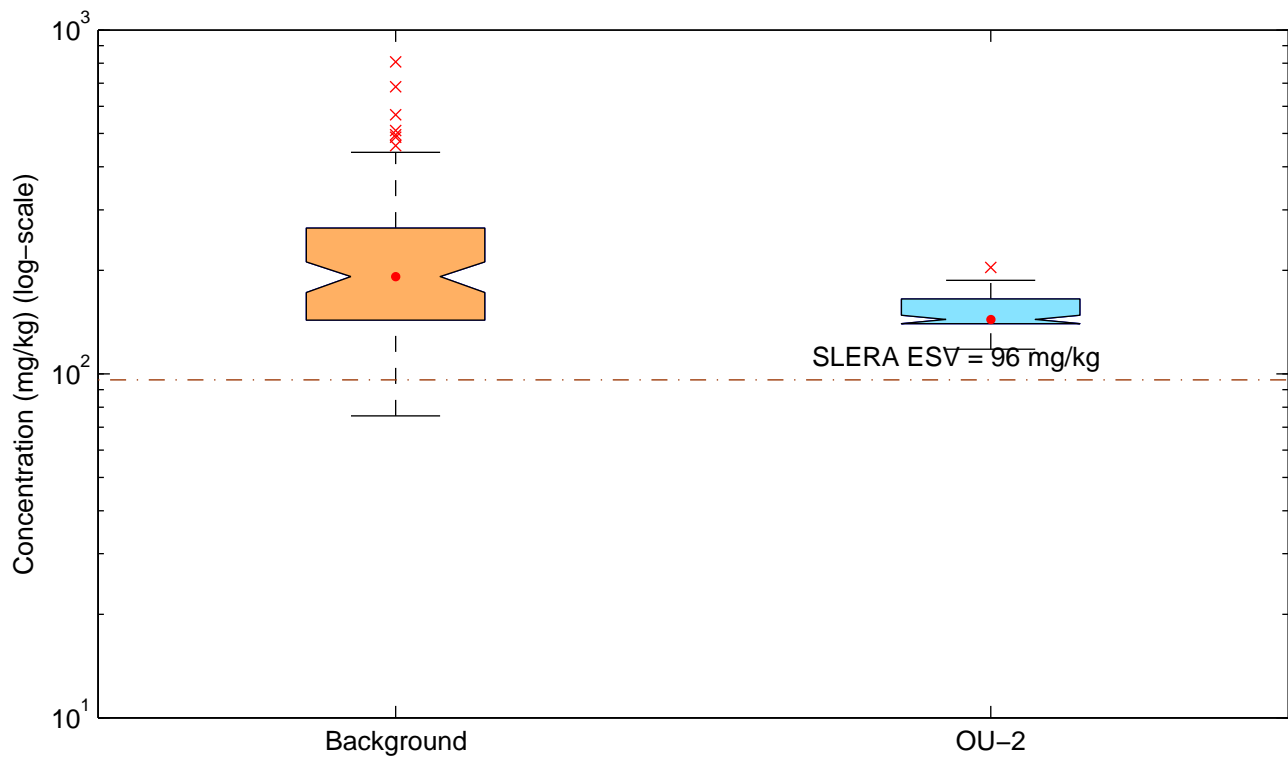
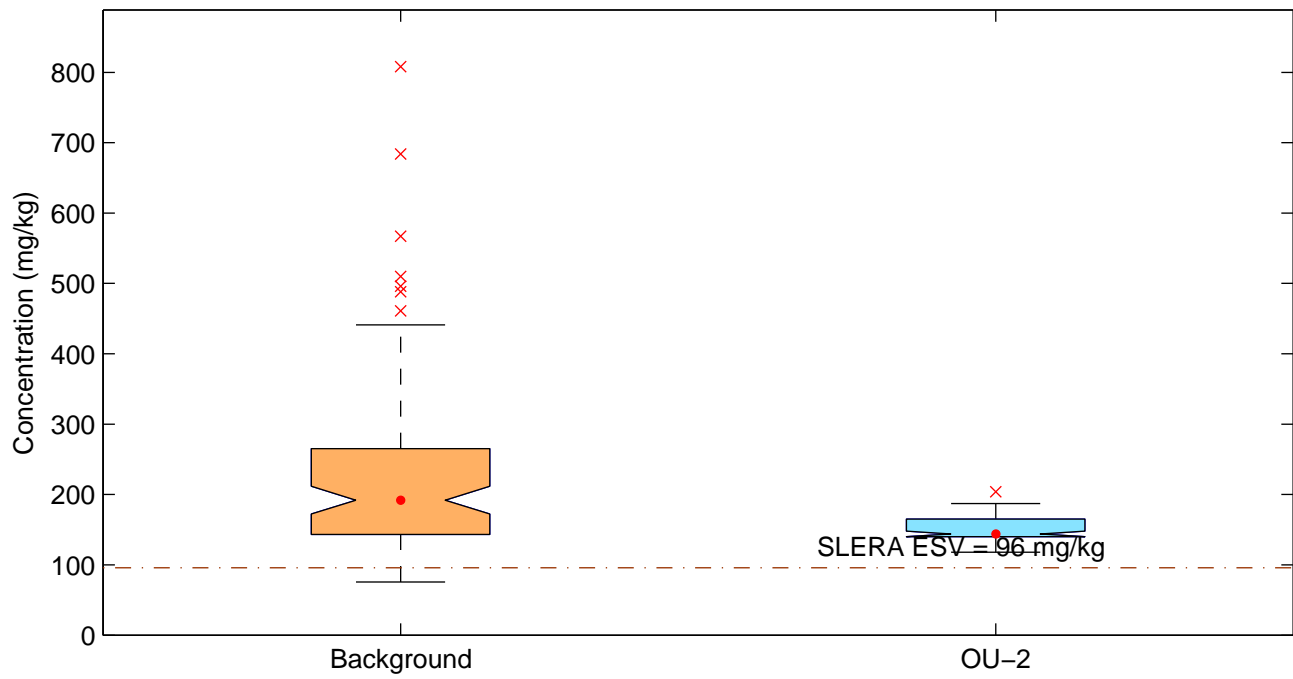
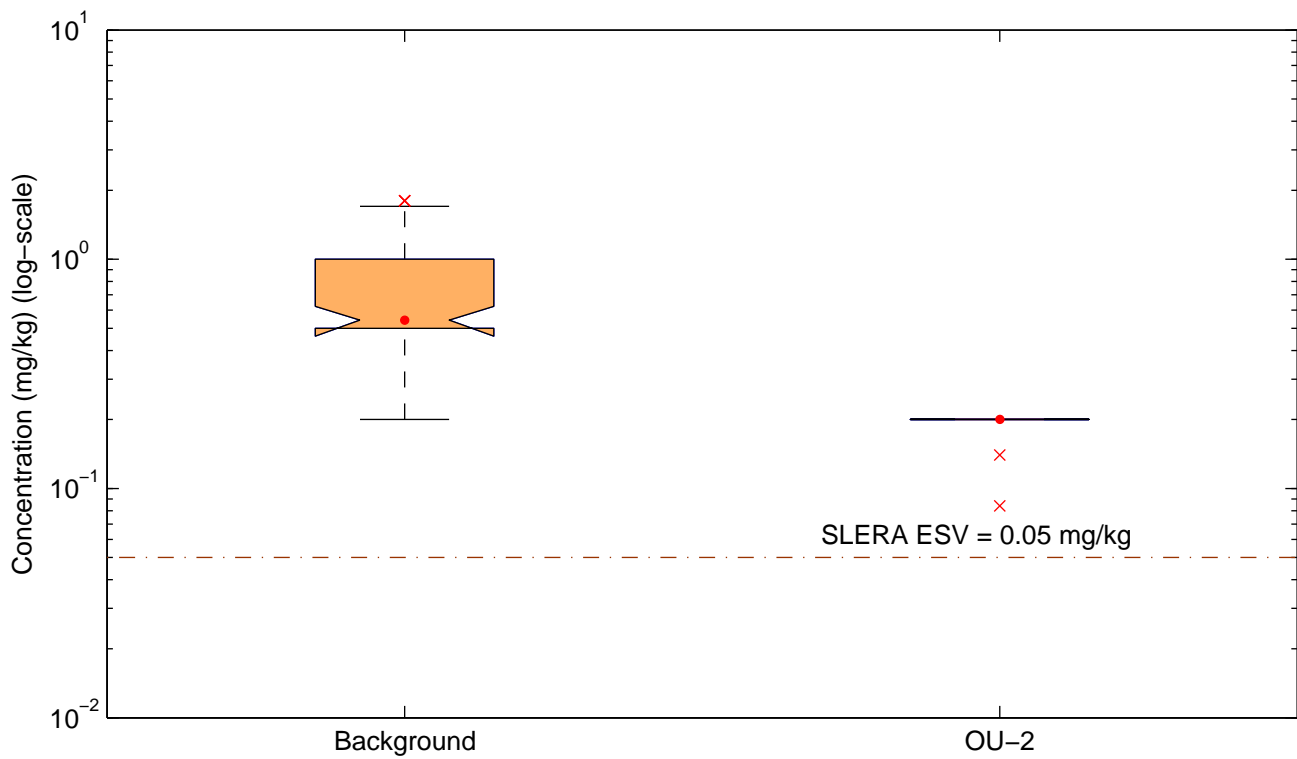
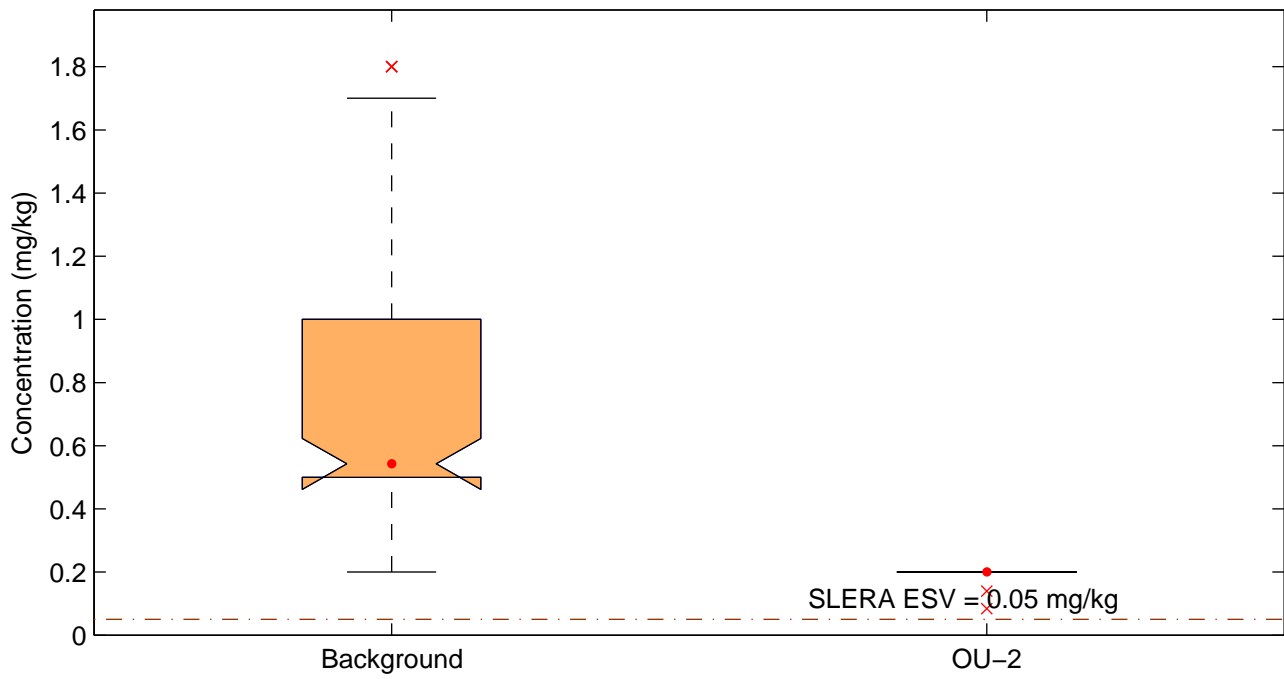
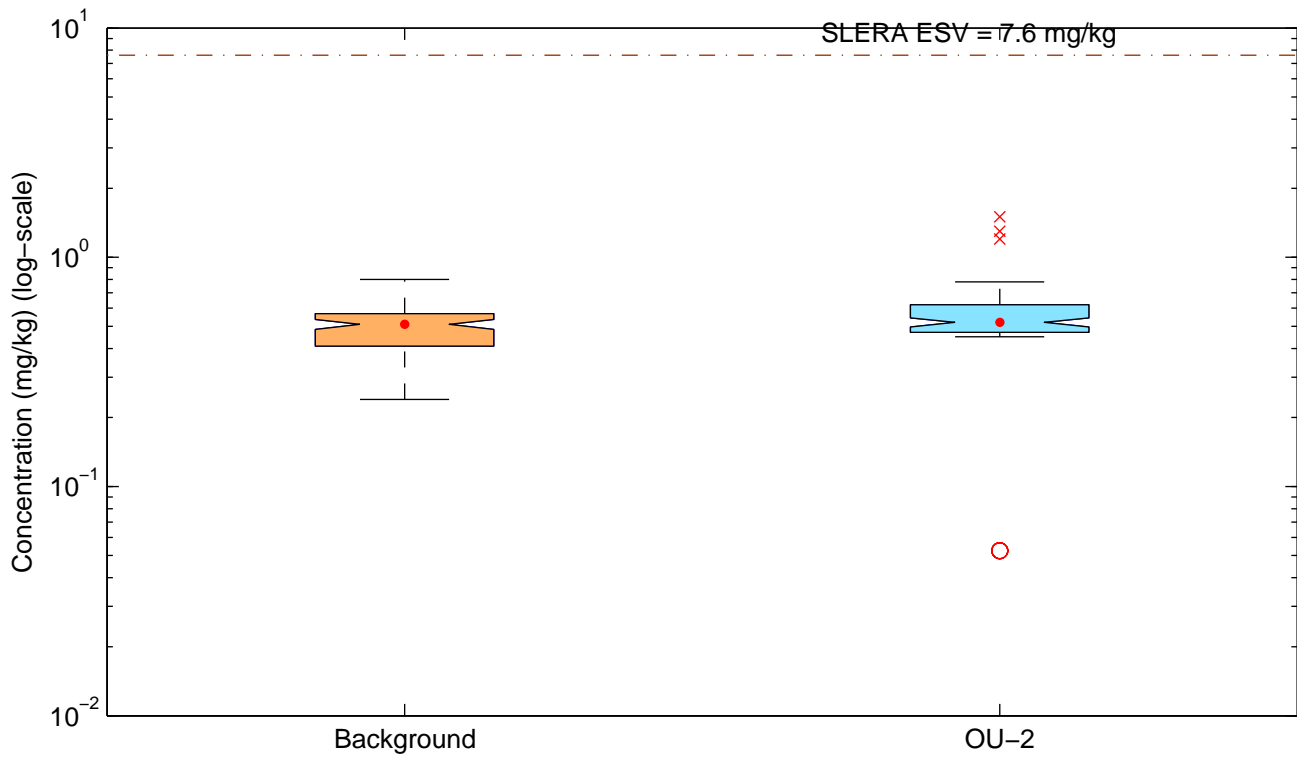
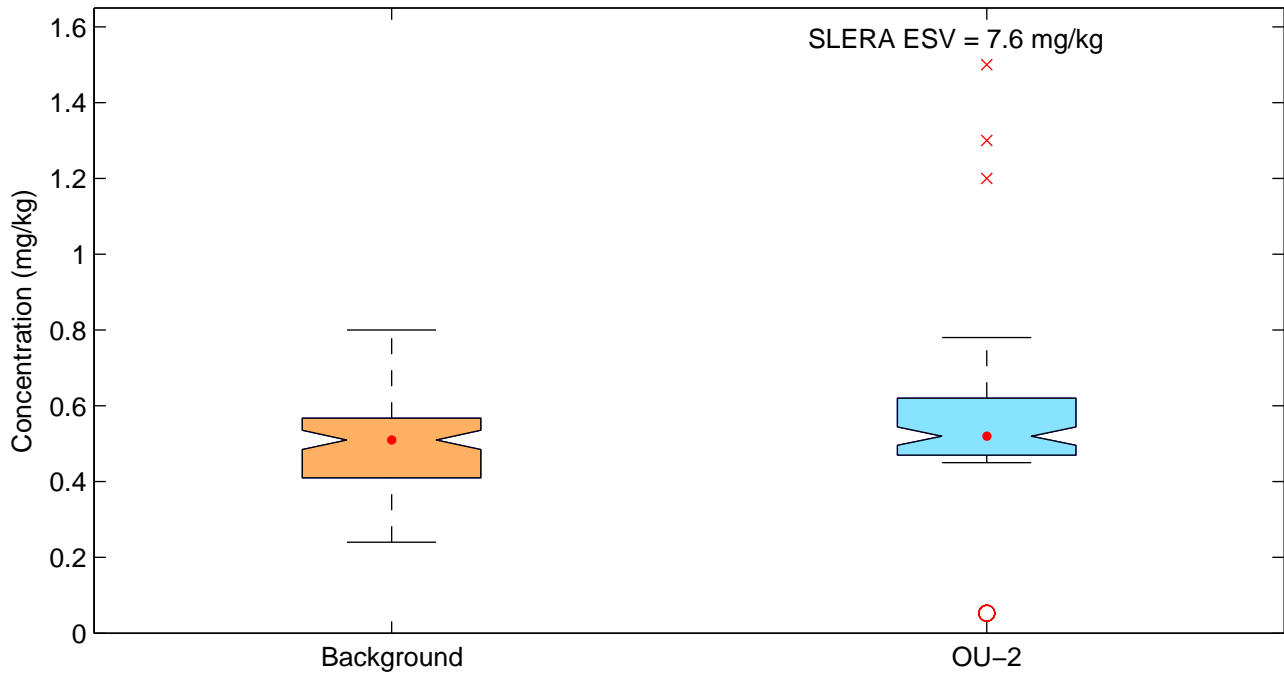


Figure C-5a. Background vs. OU-2 Boxplots for Metals
Thallium



**Figure C-5a. Background vs. OU-2 Boxplots for Metals
Tin**



**Figure C-5a. Background vs. OU-2 Boxplots for Metals
Titanium**

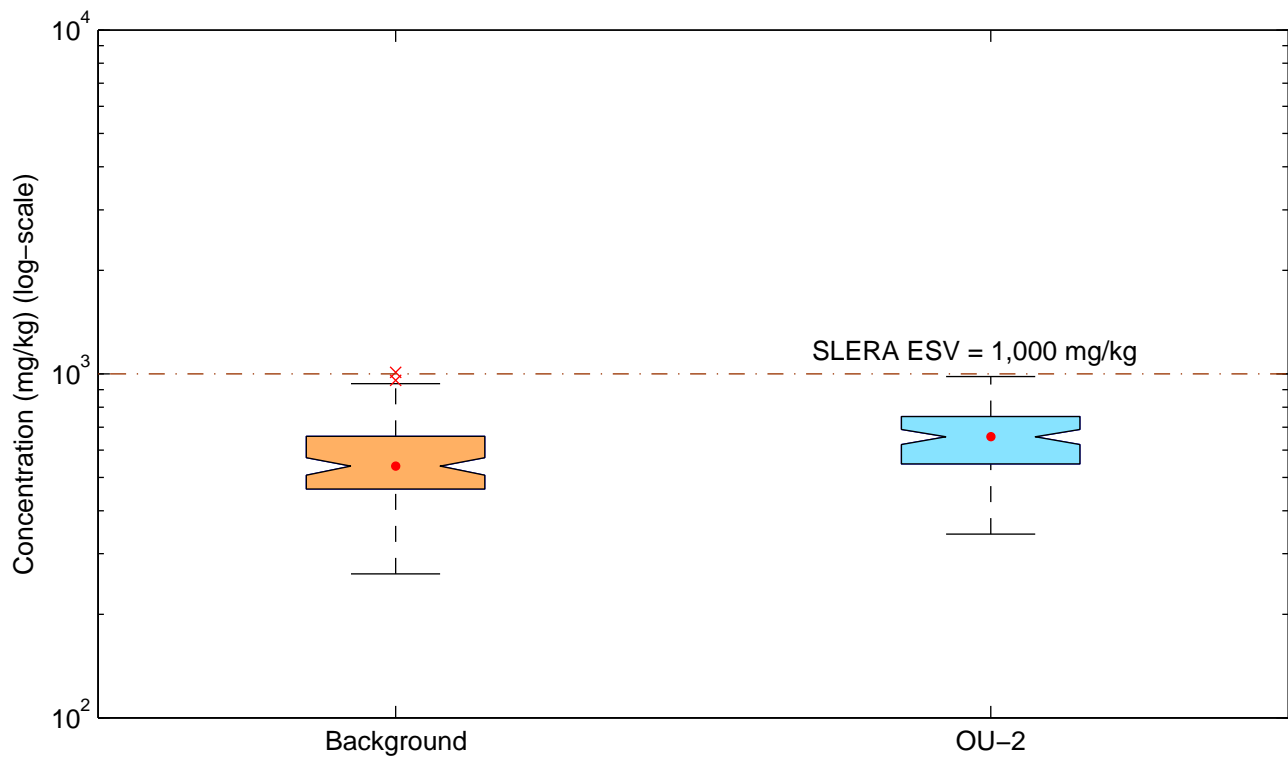
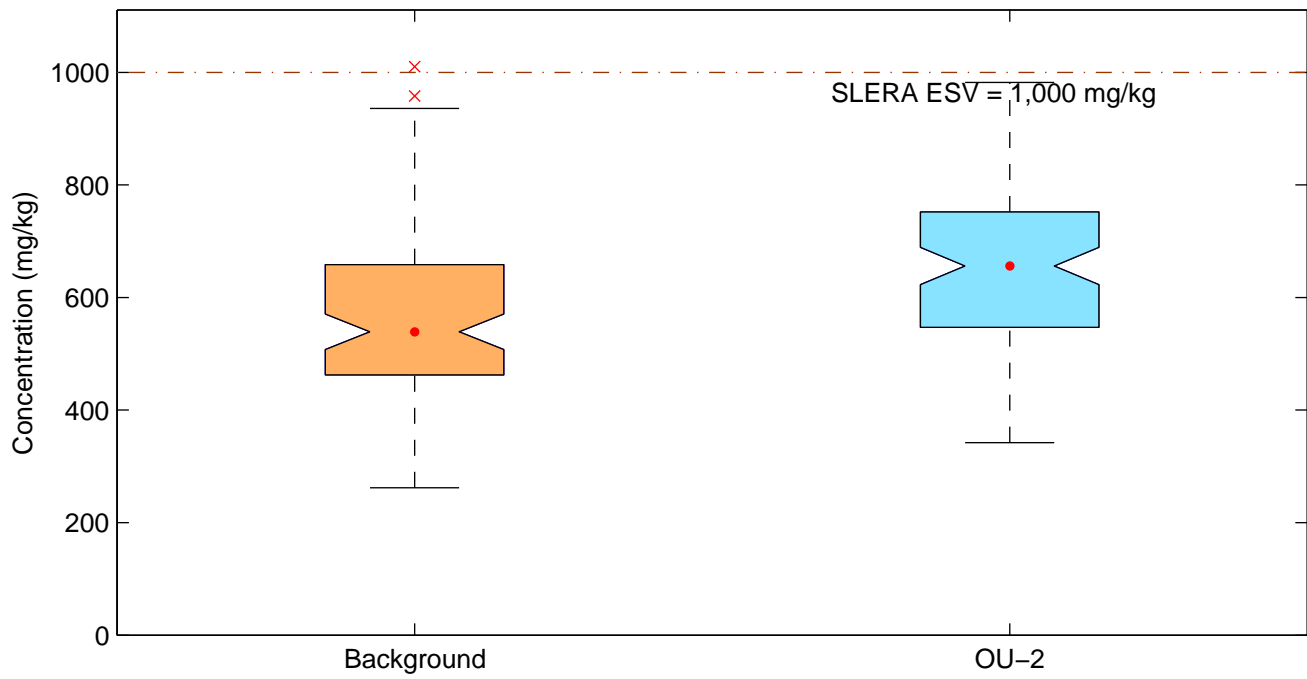
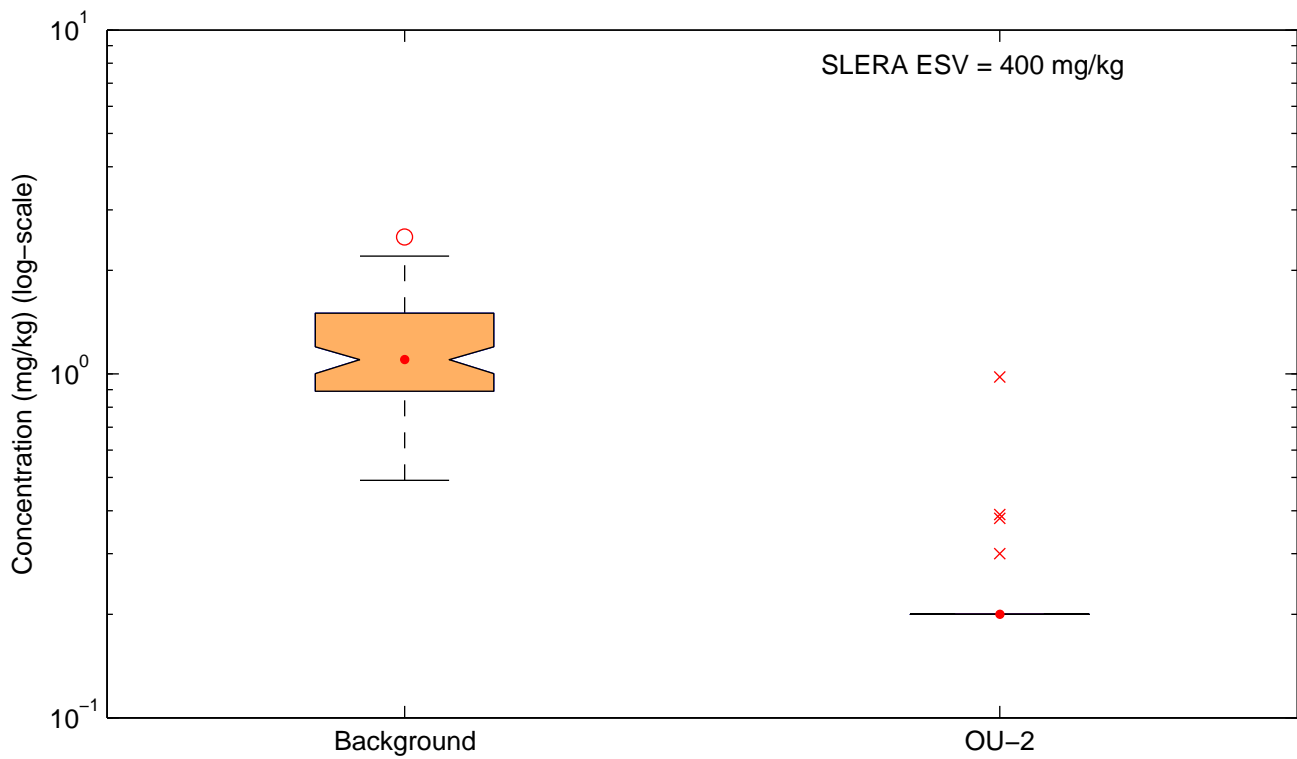
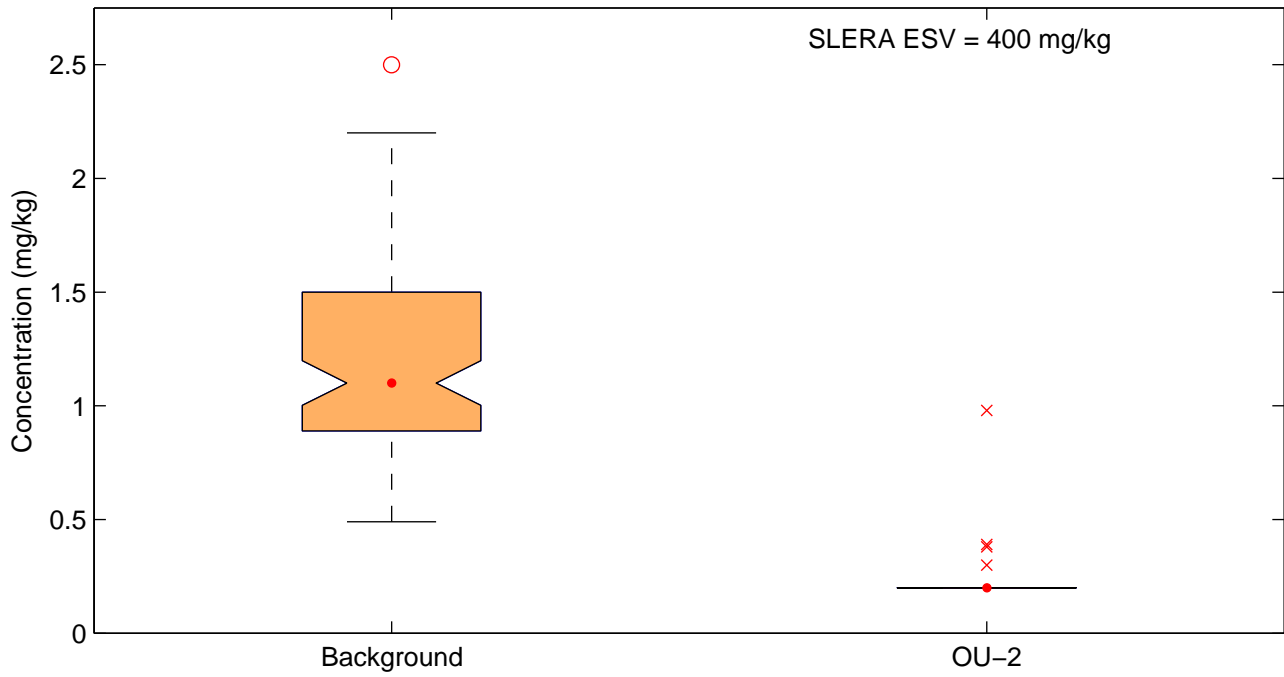
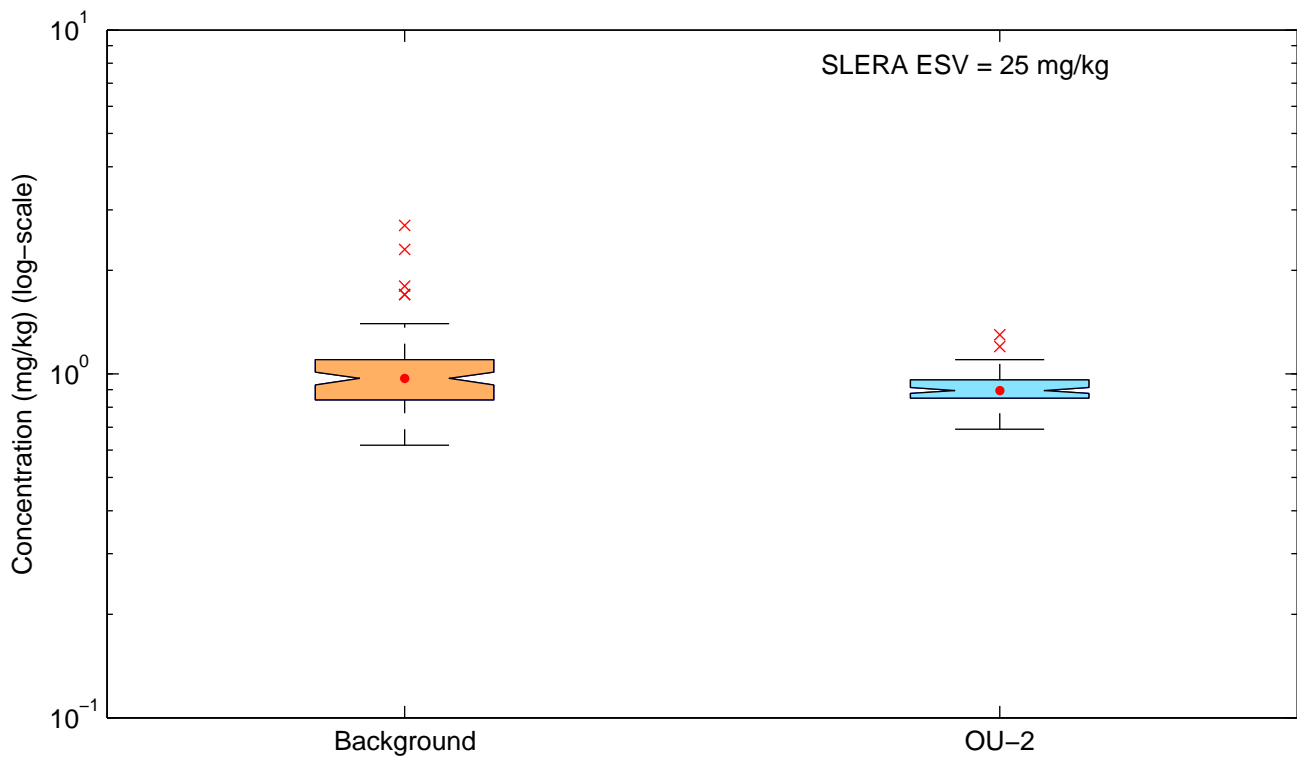
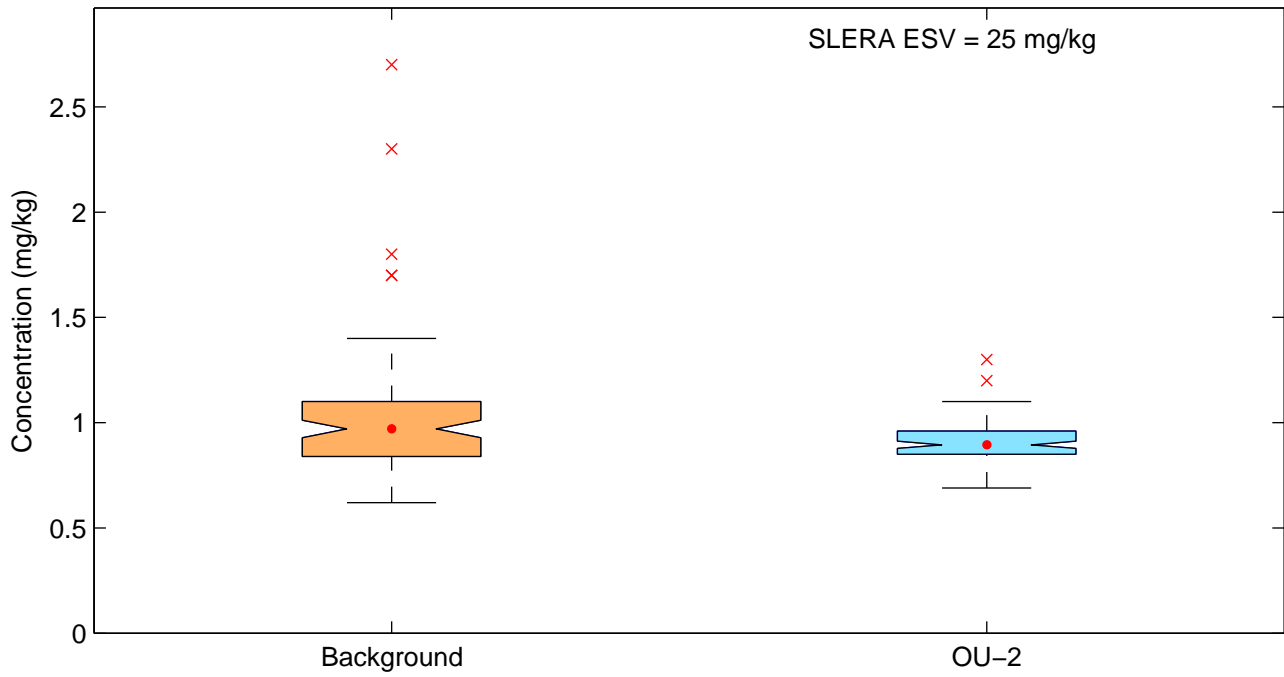


Figure C-5a. Background vs. OU-2 Boxplots for Metals
Tungsten



**Figure C-5a. Background vs. OU-2 Boxplots for Metals
Uranium (total)**



**Figure C-5a. Background vs. OU-2 Boxplots for Metals
Vanadium**

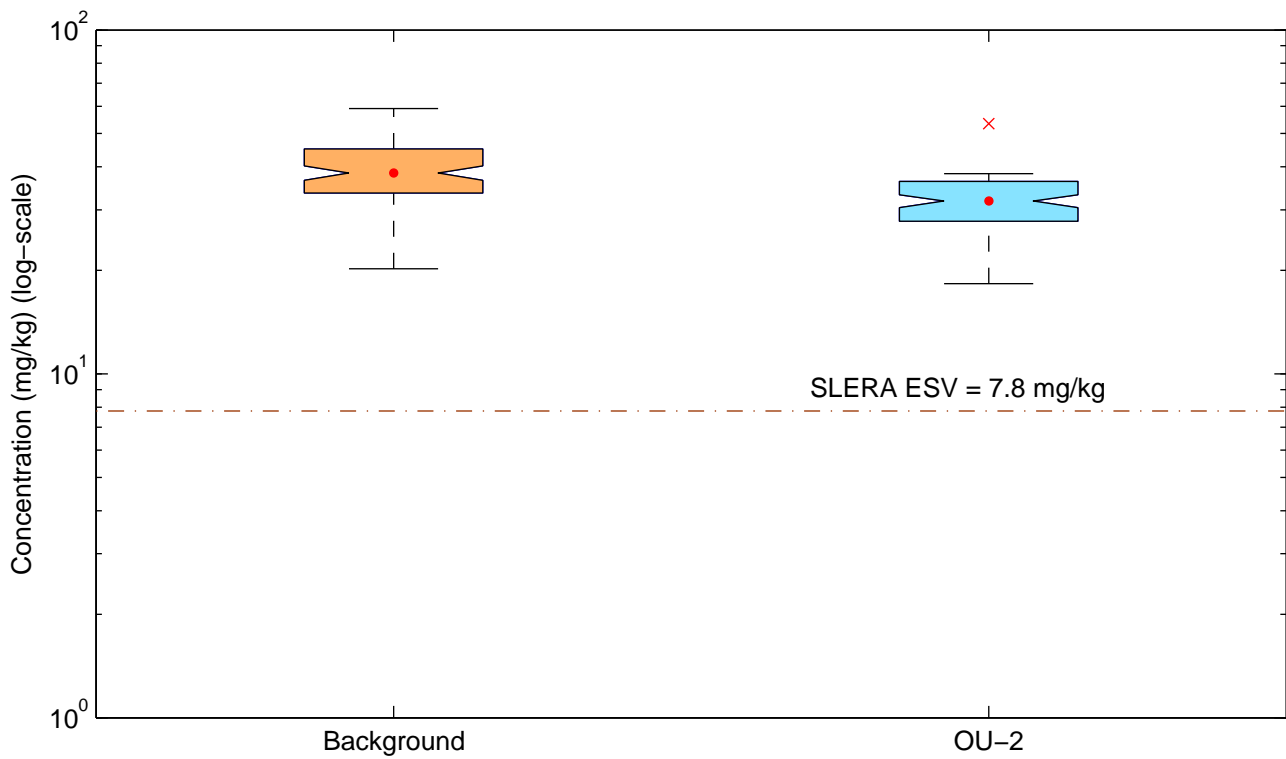
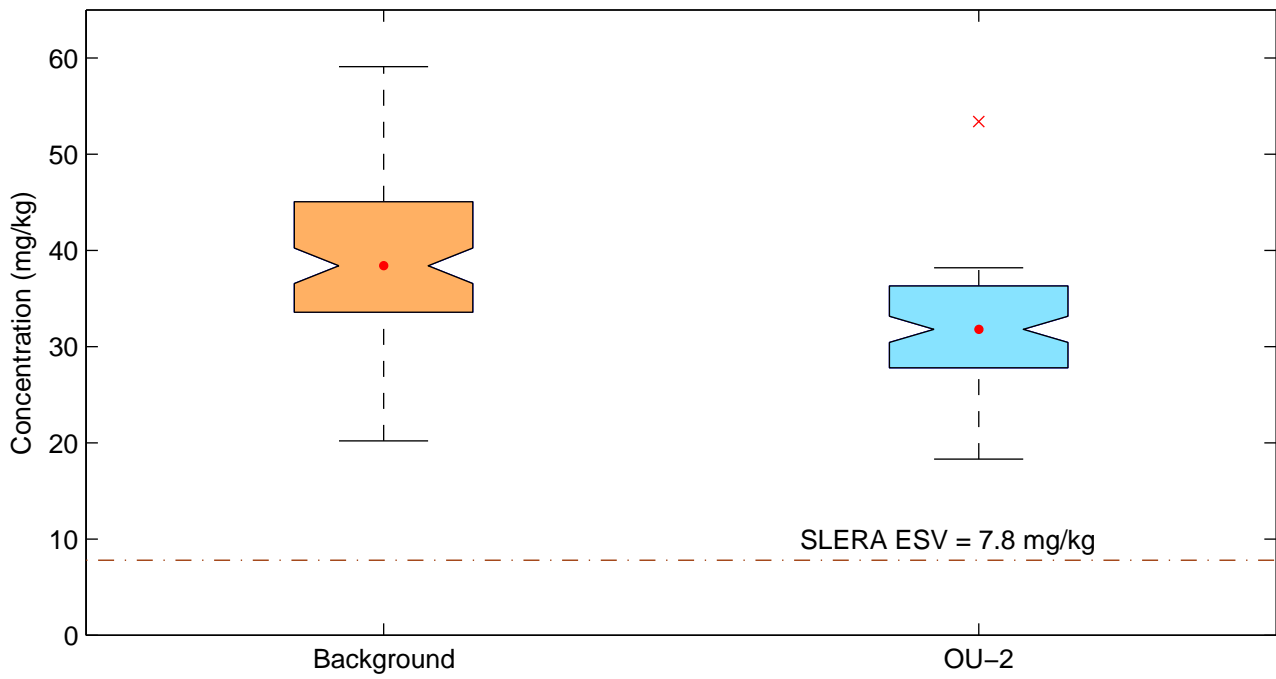
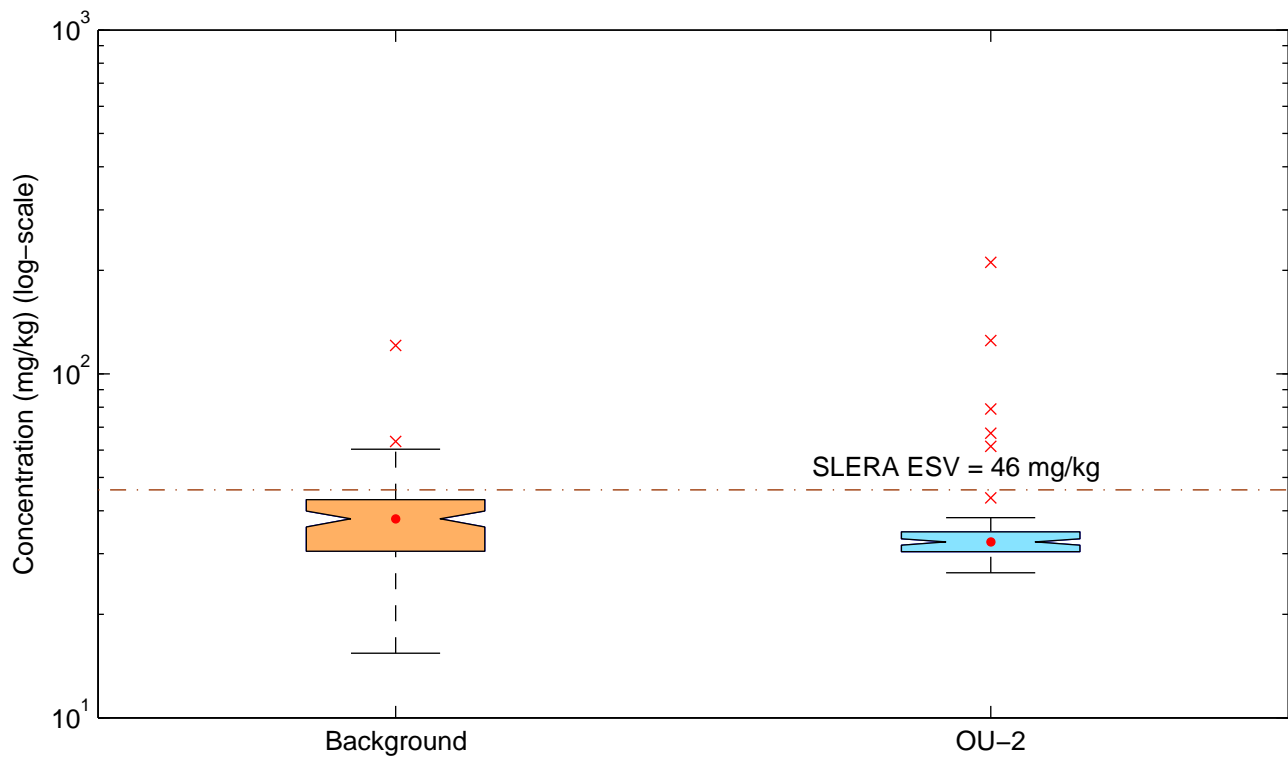
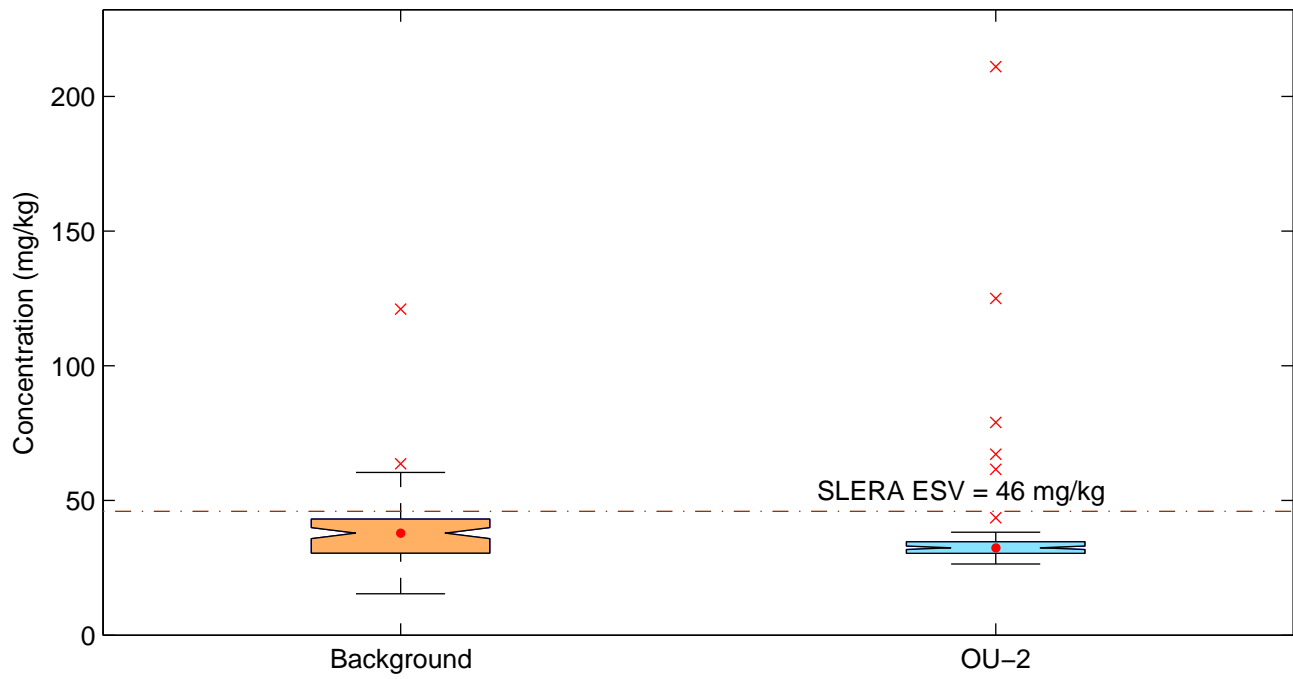


Figure C-5a. Background vs. OU-2 Boxplots for Metals
Zinc



**Figure C-5a. Background vs. OU-2 Boxplots for Metals
Zirconium**

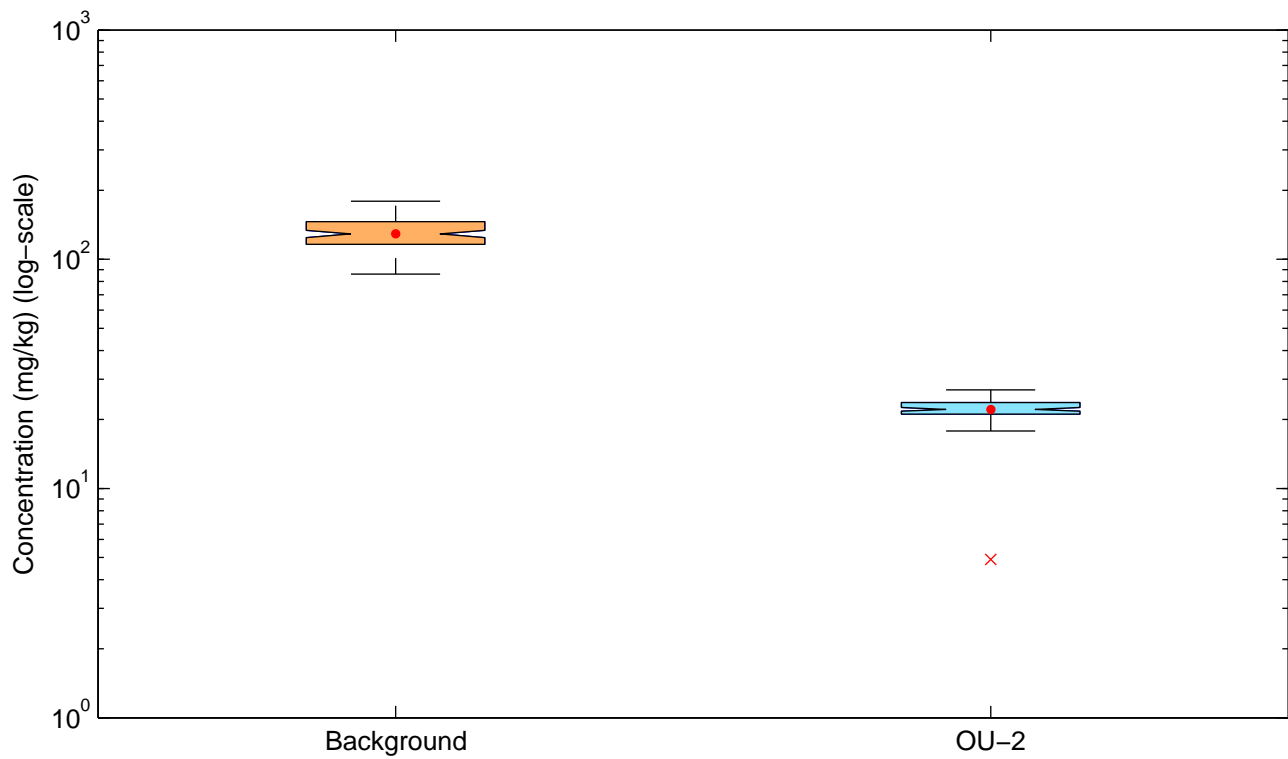
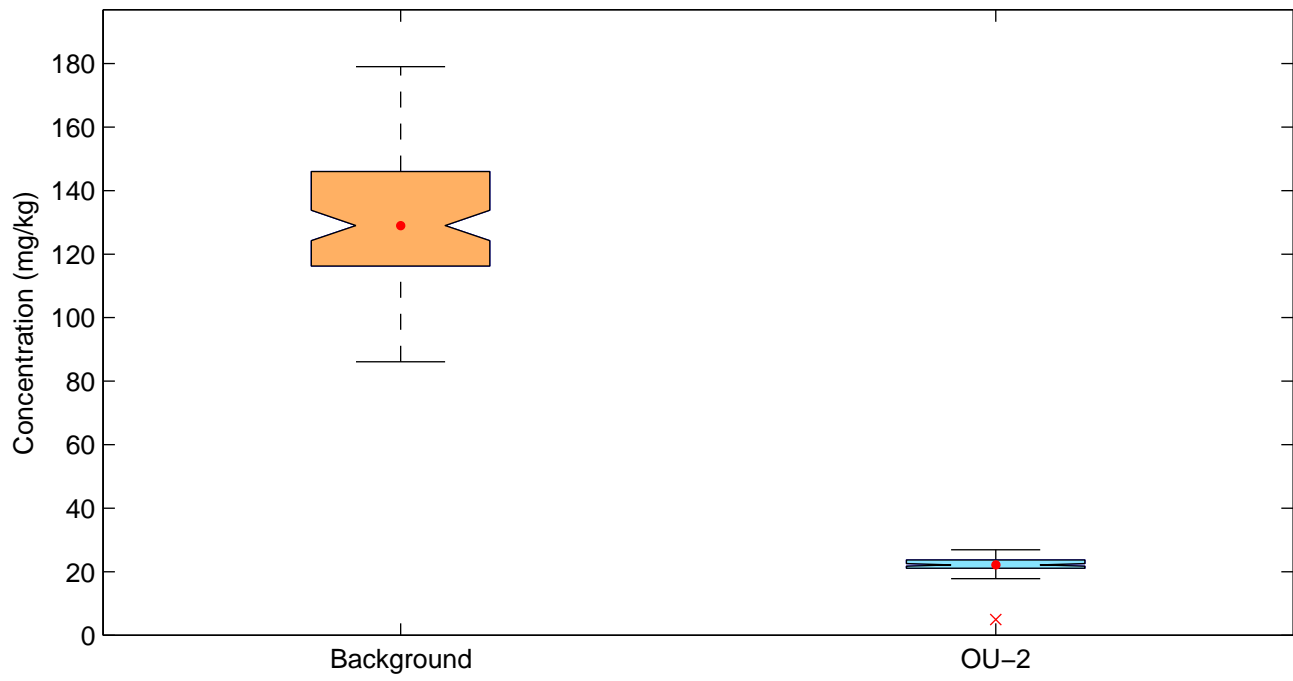


Figure C-5b. Background vs. OU-2 Boxplots for Radionuclides Uranium-238

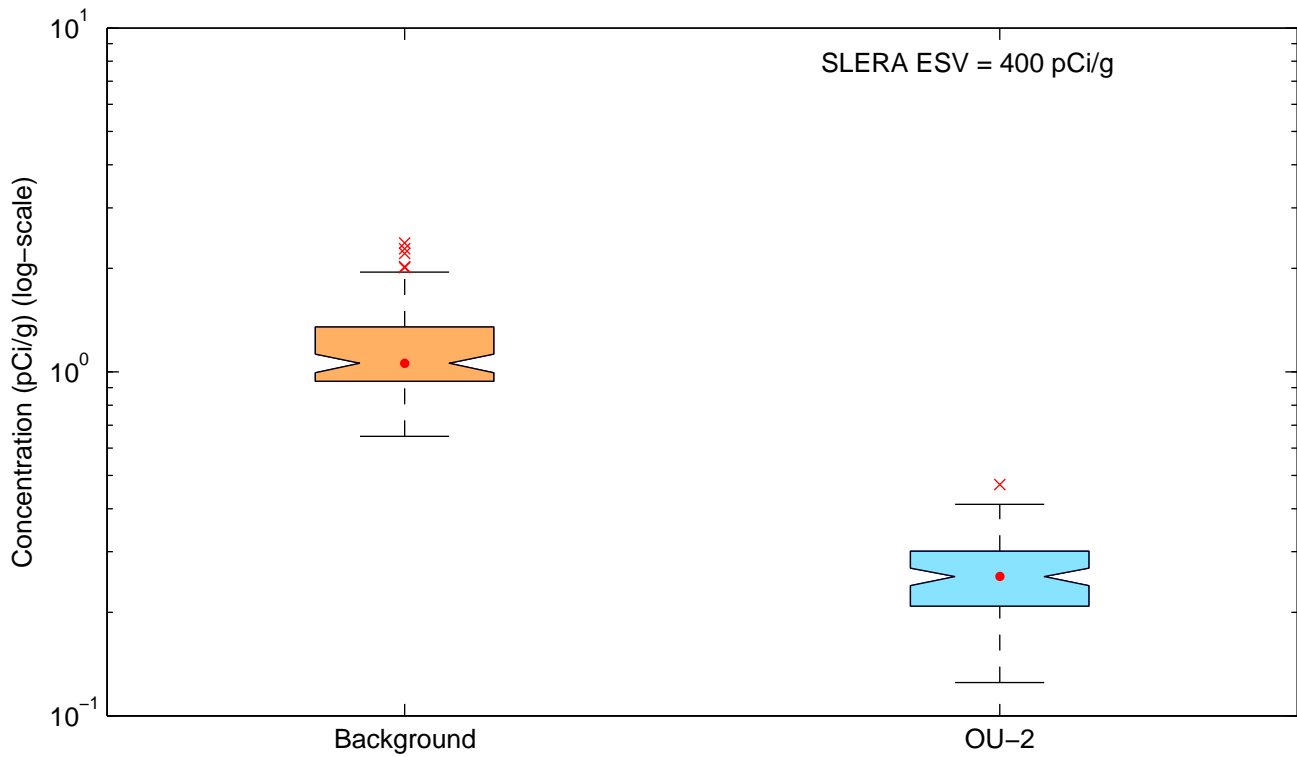
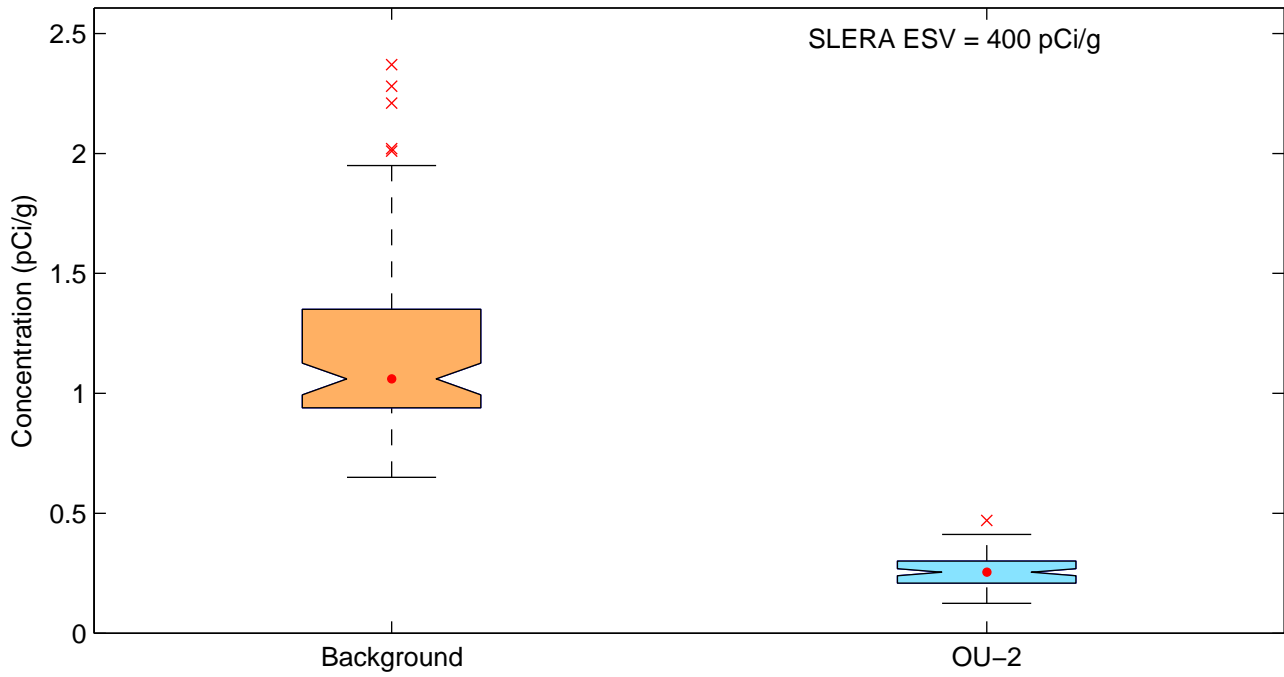
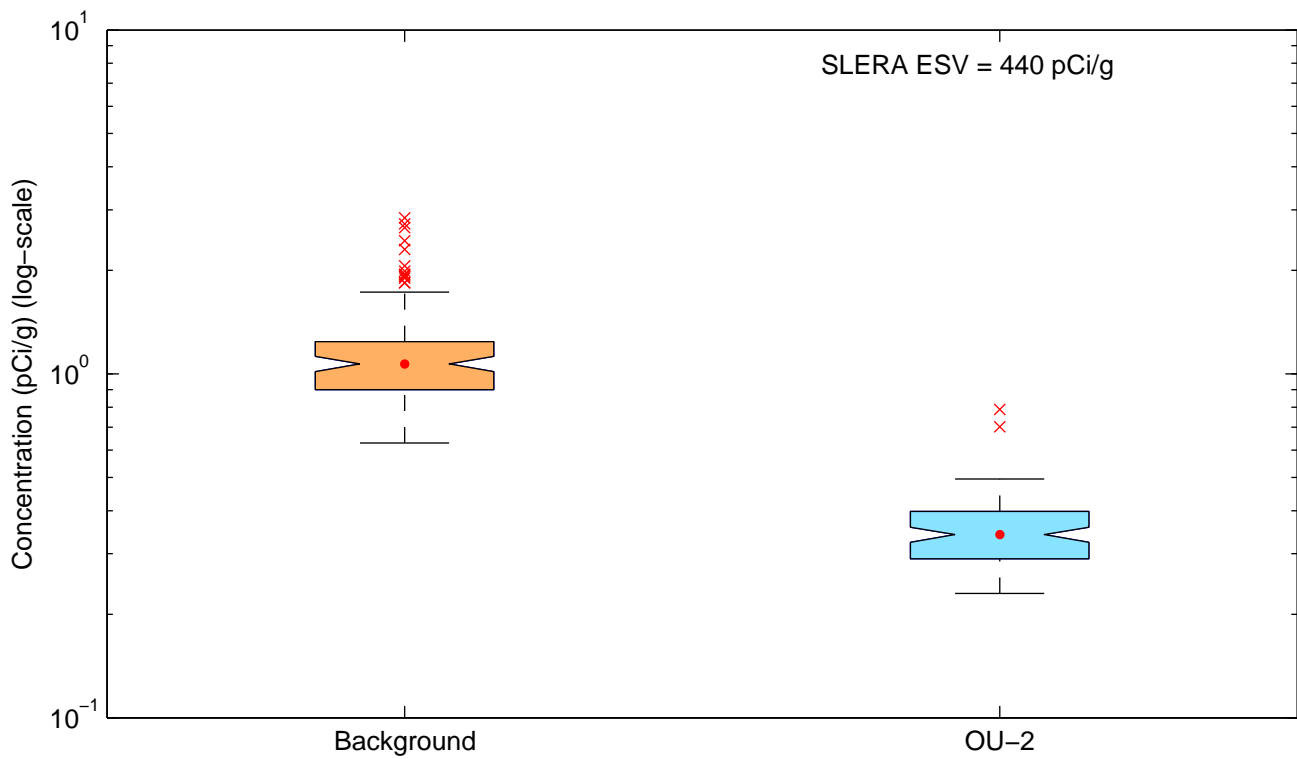
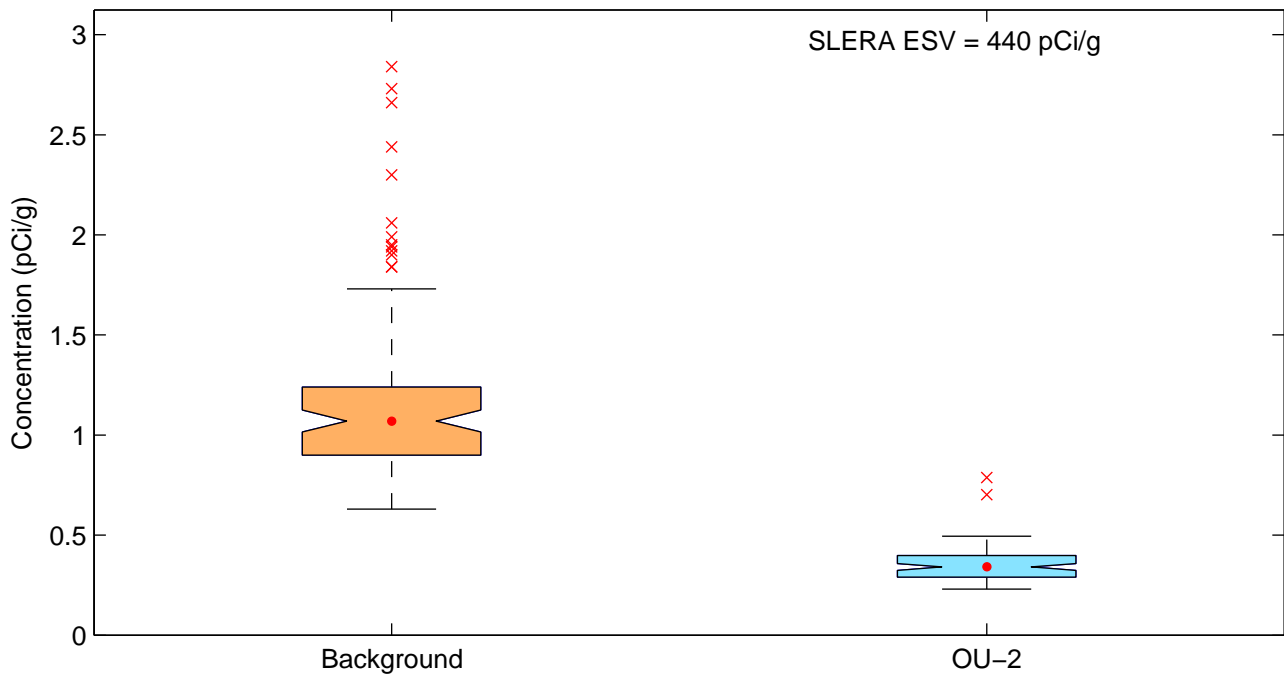


Figure C-5b. Background vs. OU-2 Boxplots for Radionuclides Uranium-234



**Figure C-5b. Background vs. OU-2 Boxplots for Radionuclides
Thorium-230**

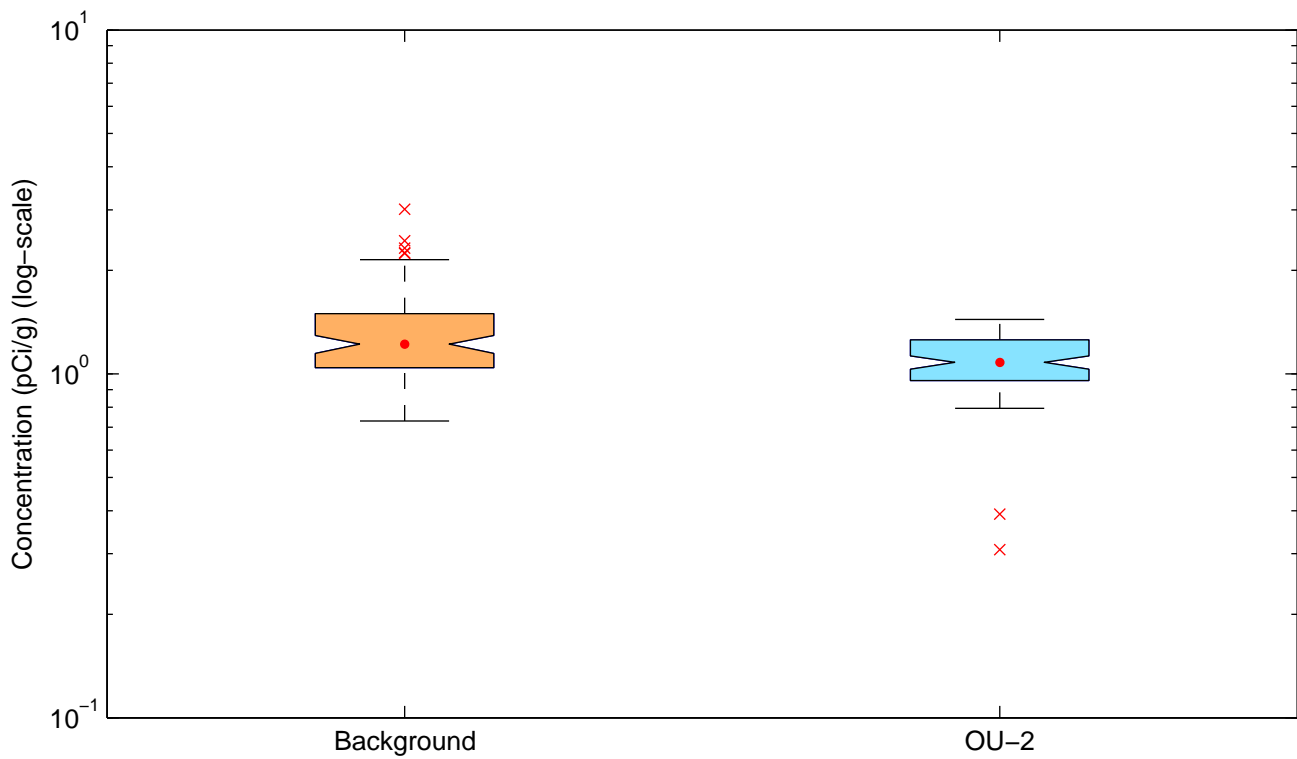
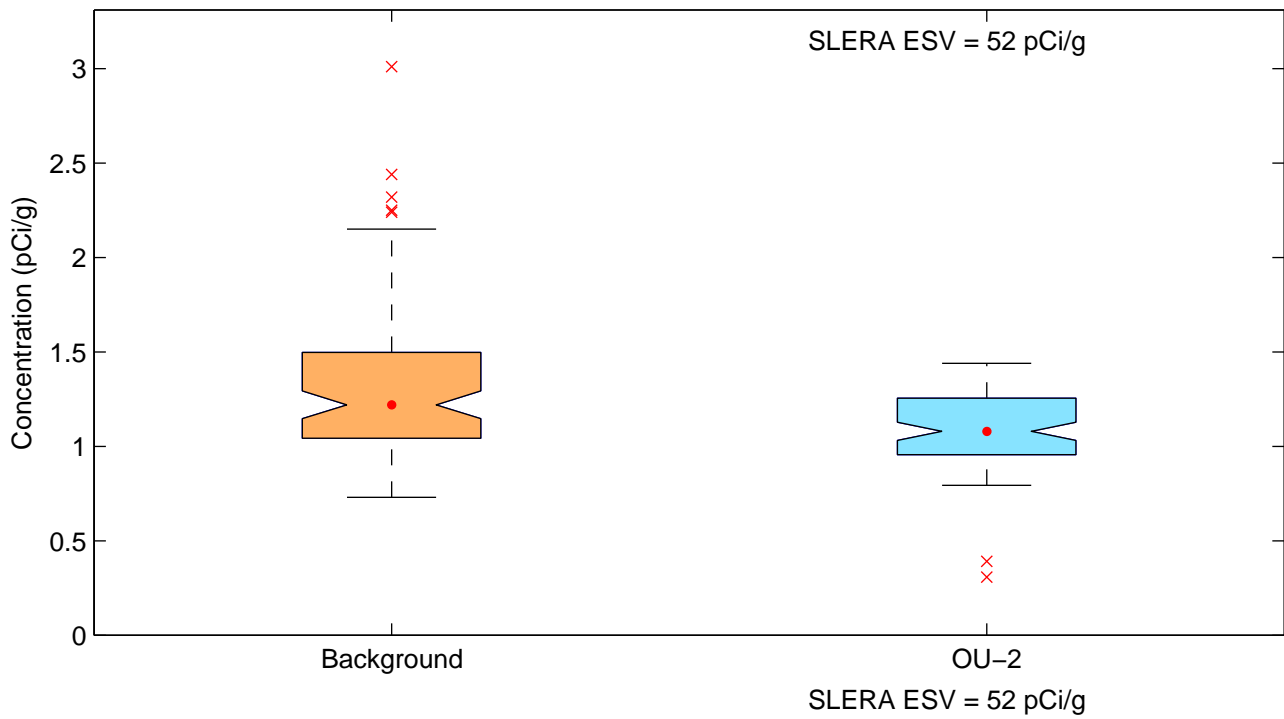
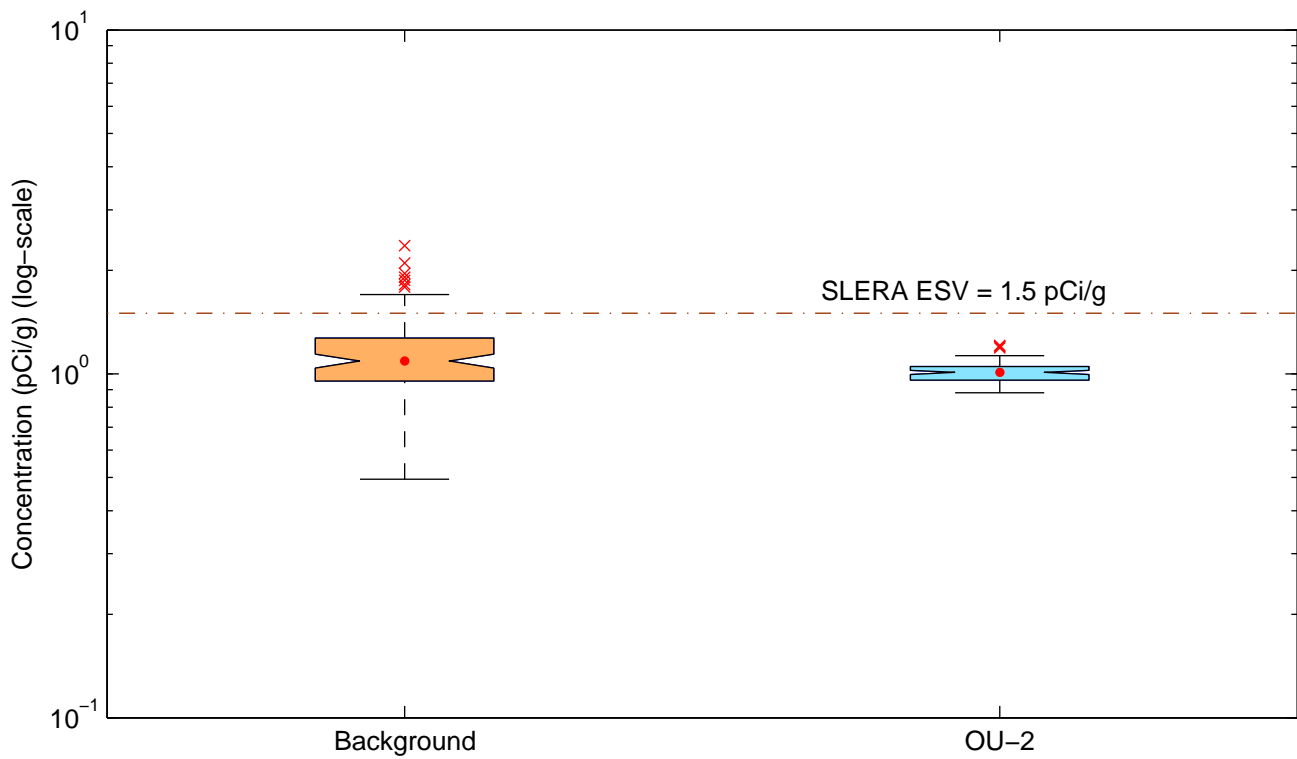
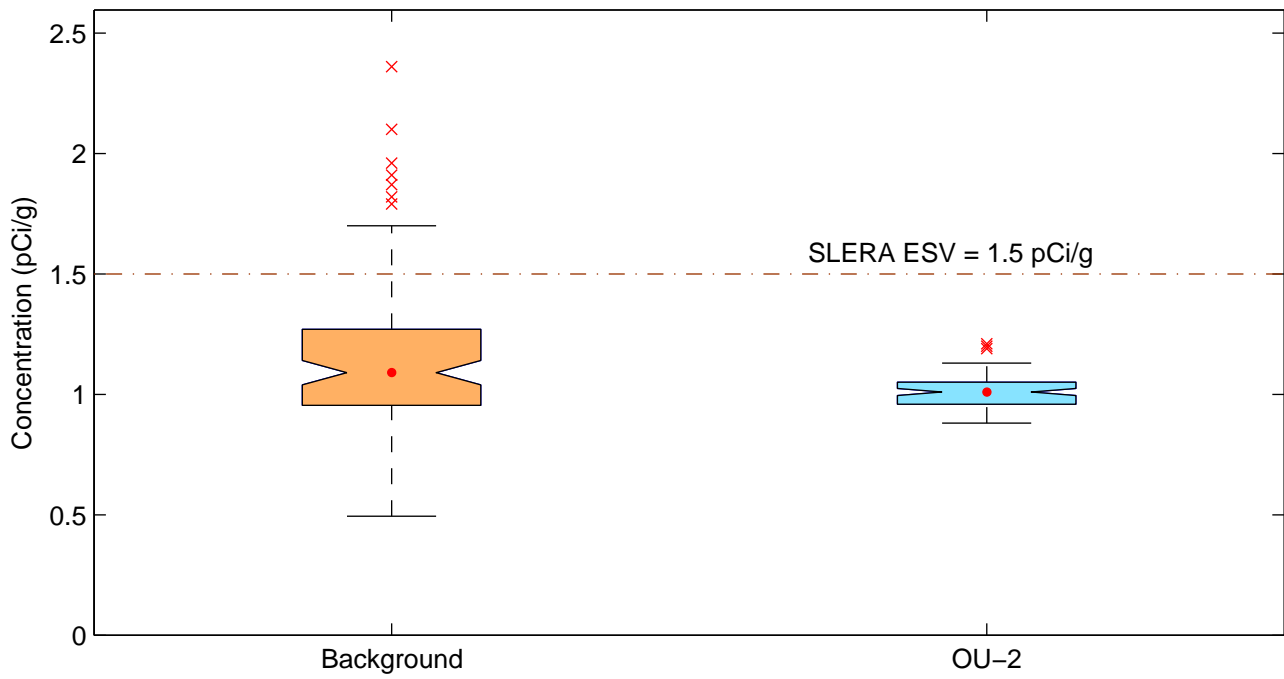
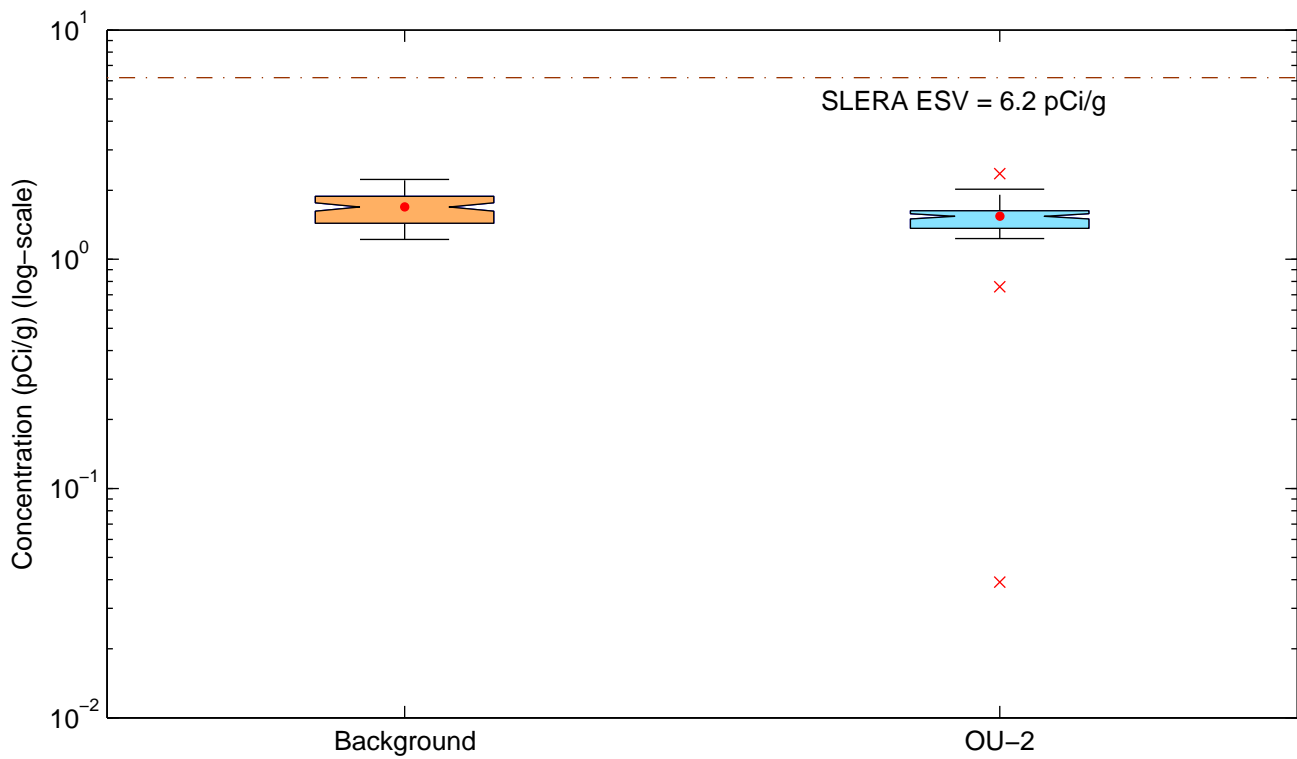
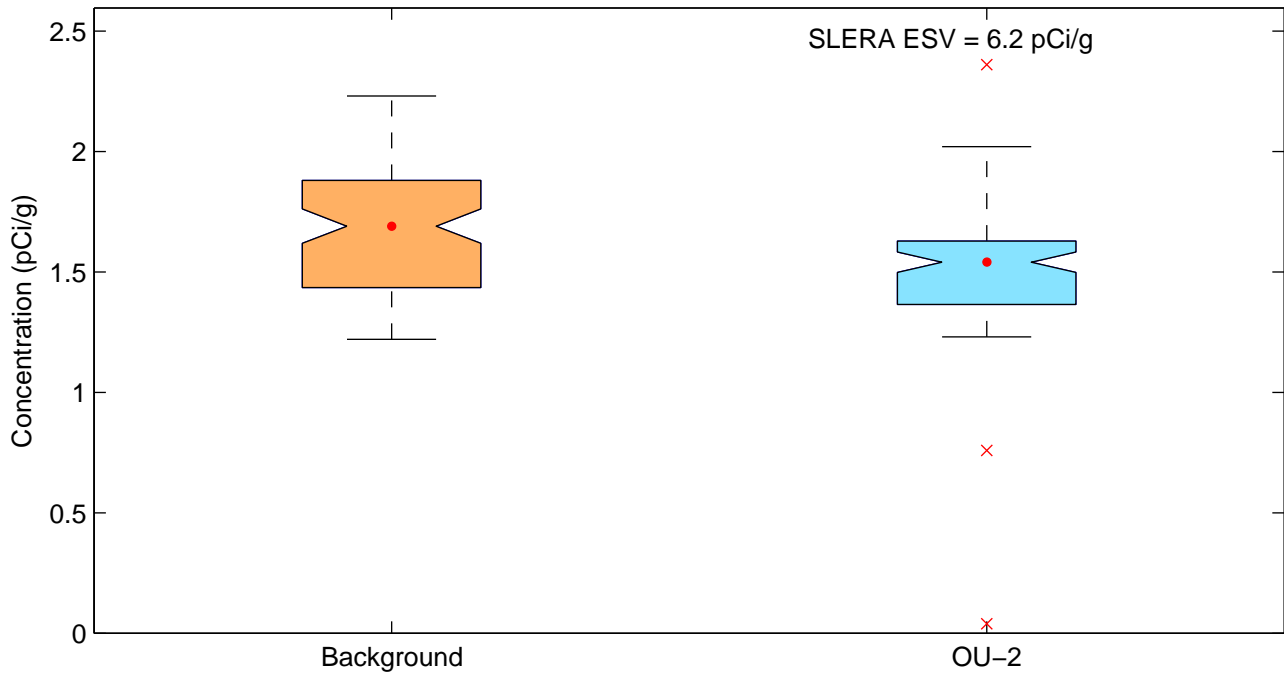


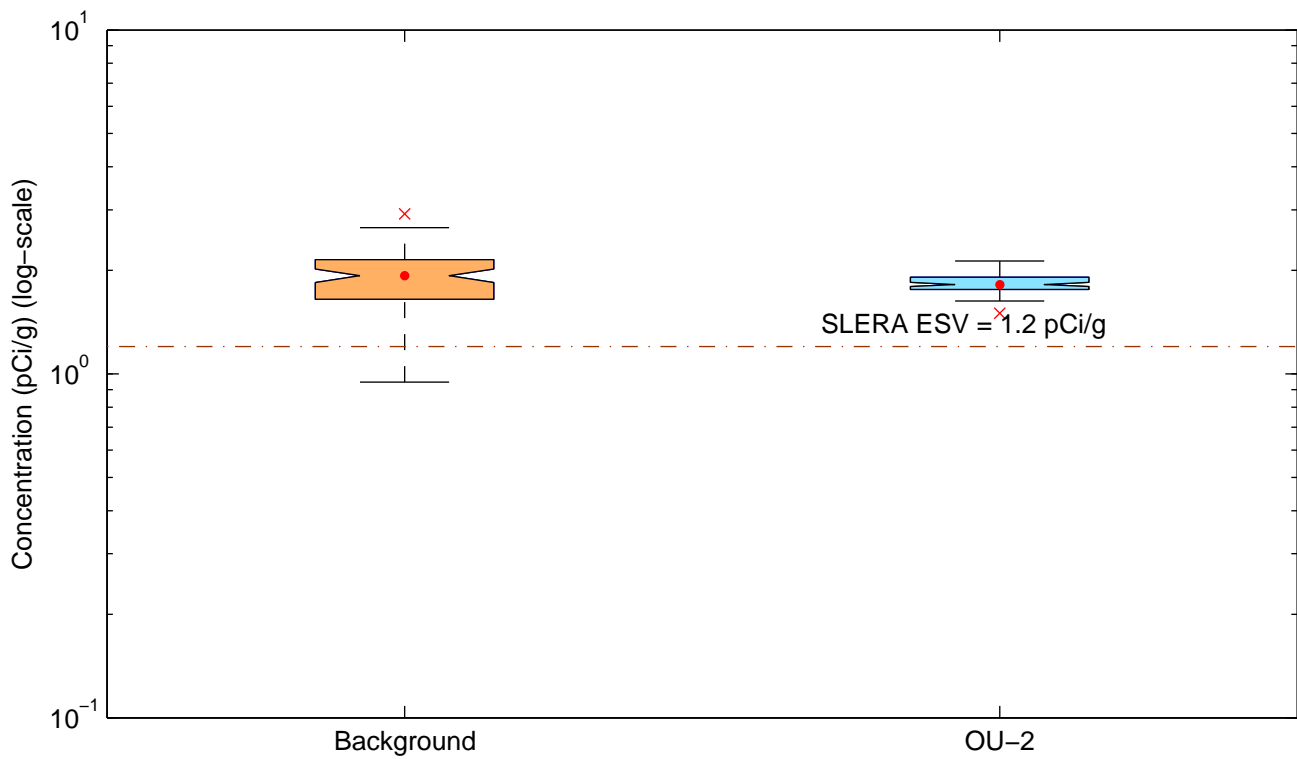
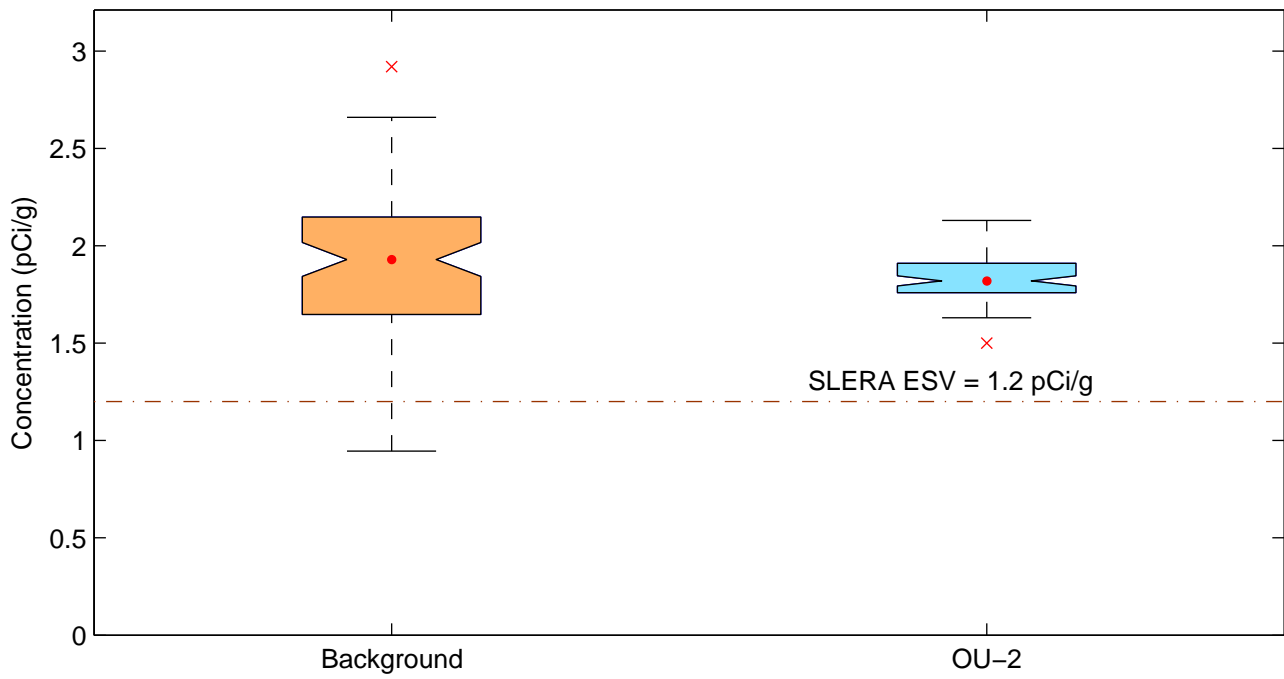
Figure C-5b. Background vs. OU-2 Boxplots for Radionuclides Radium-226



**Figure C-5b. Background vs. OU-2 Boxplots for Radionuclides
Thorium-232**



**Figure C-5b. Background vs. OU-2 Boxplots for Radionuclides
Radium-228**



**Figure C-5b. Background vs. OU-2 Boxplots for Radionuclides
Thorium-228**

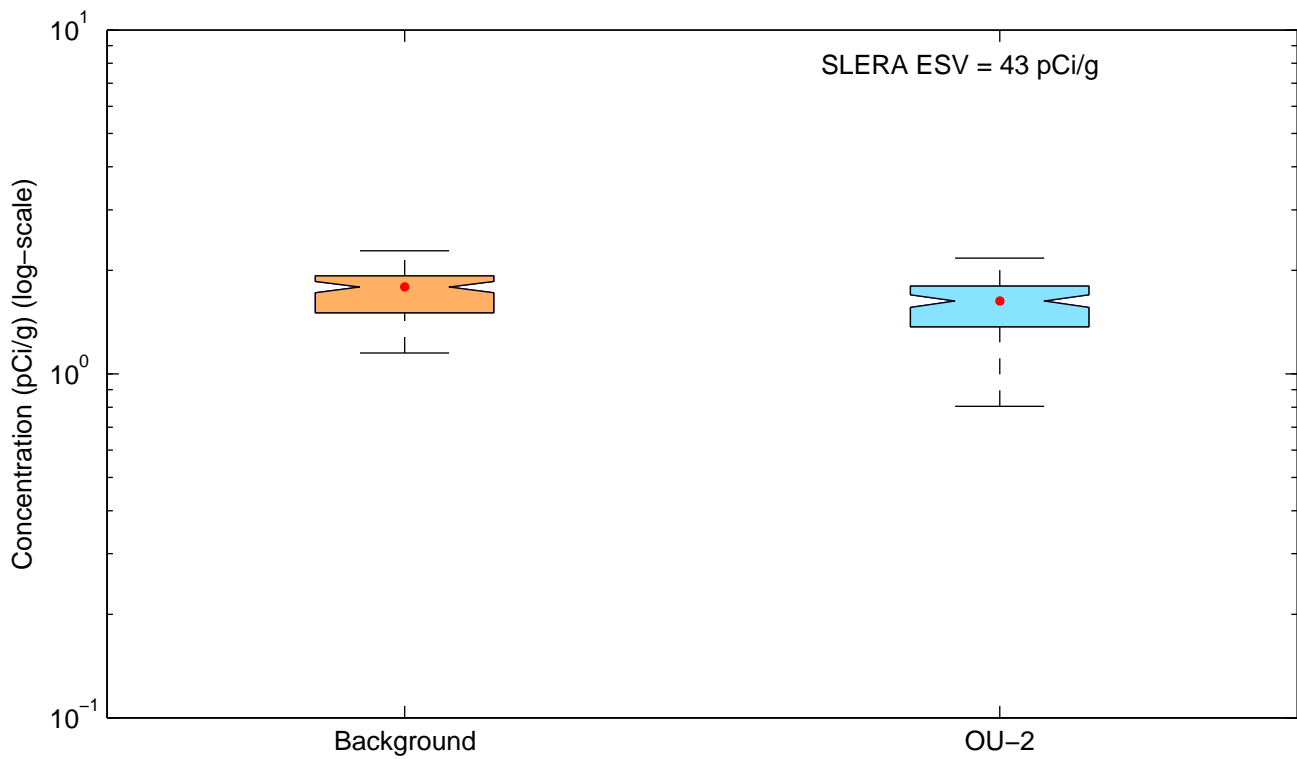
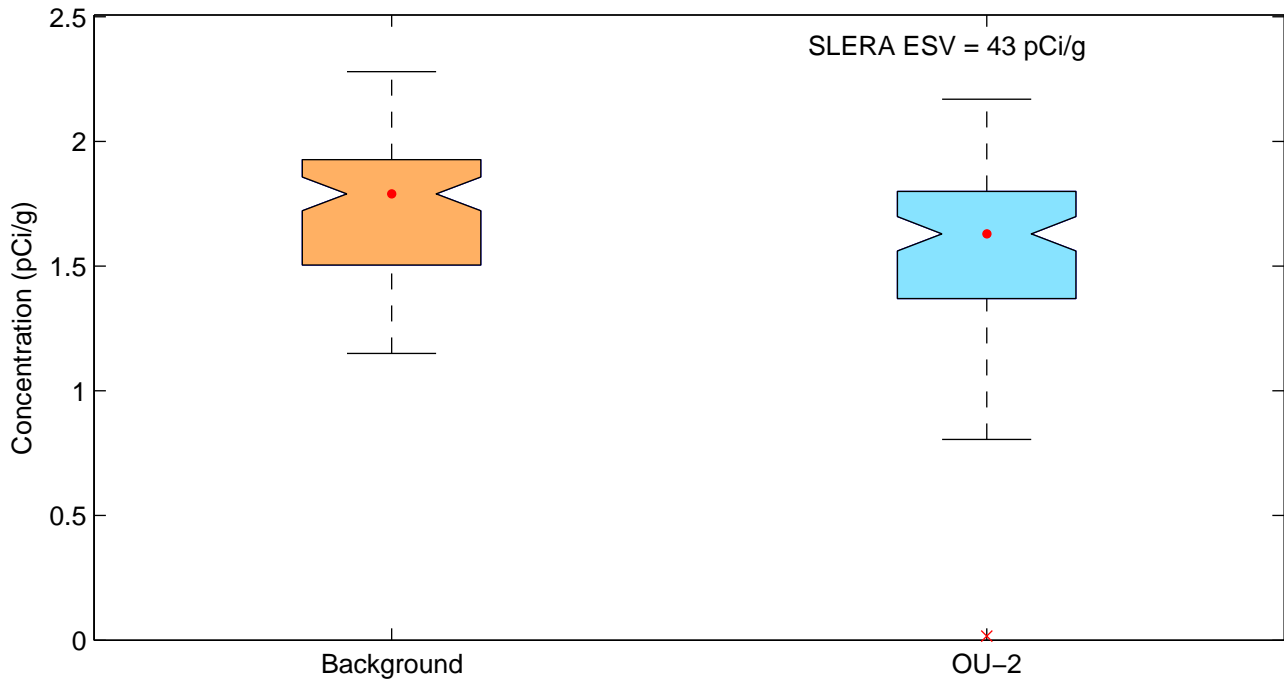


Figure C-5b. Background vs. OU-2 Boxplots for Radionuclides Uranium-235

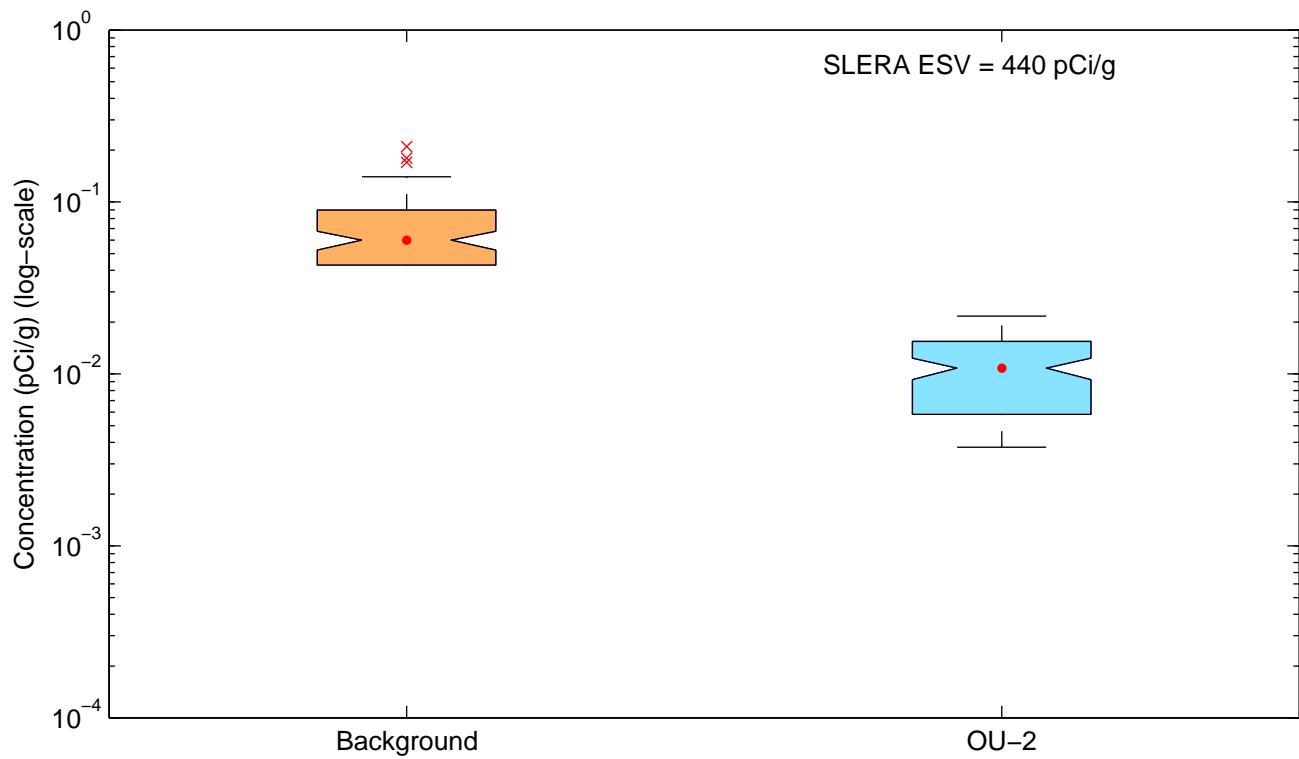
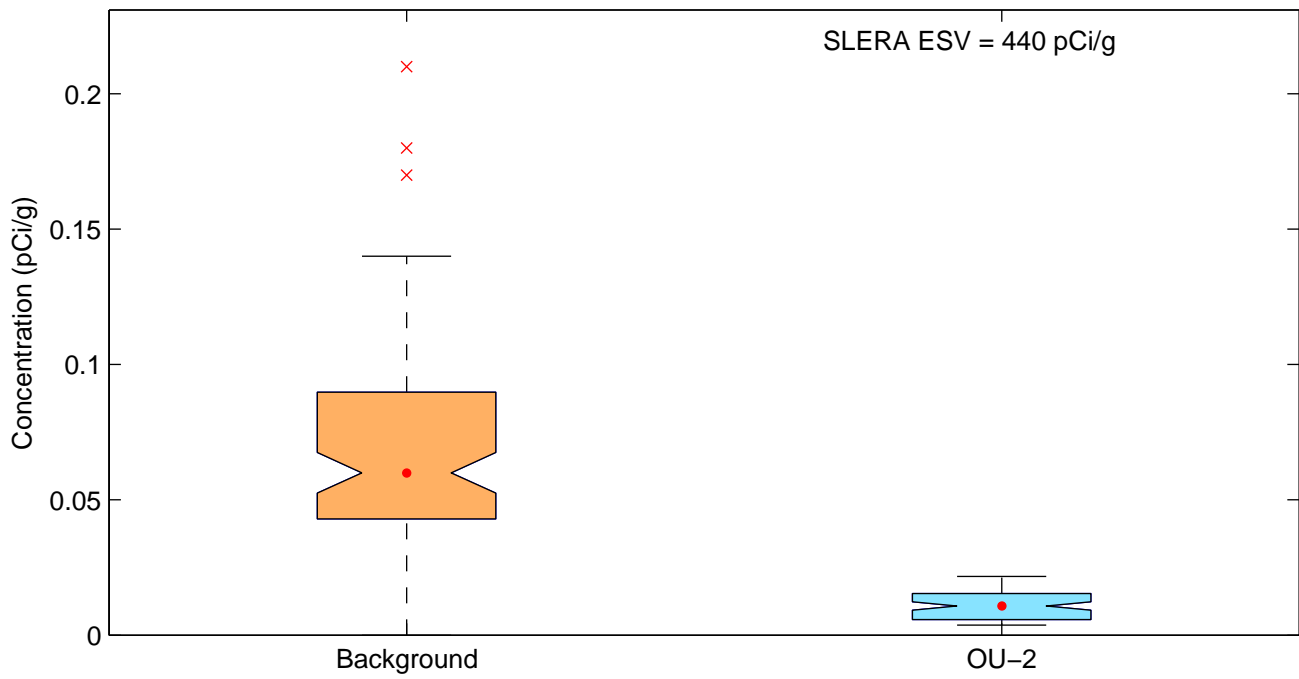
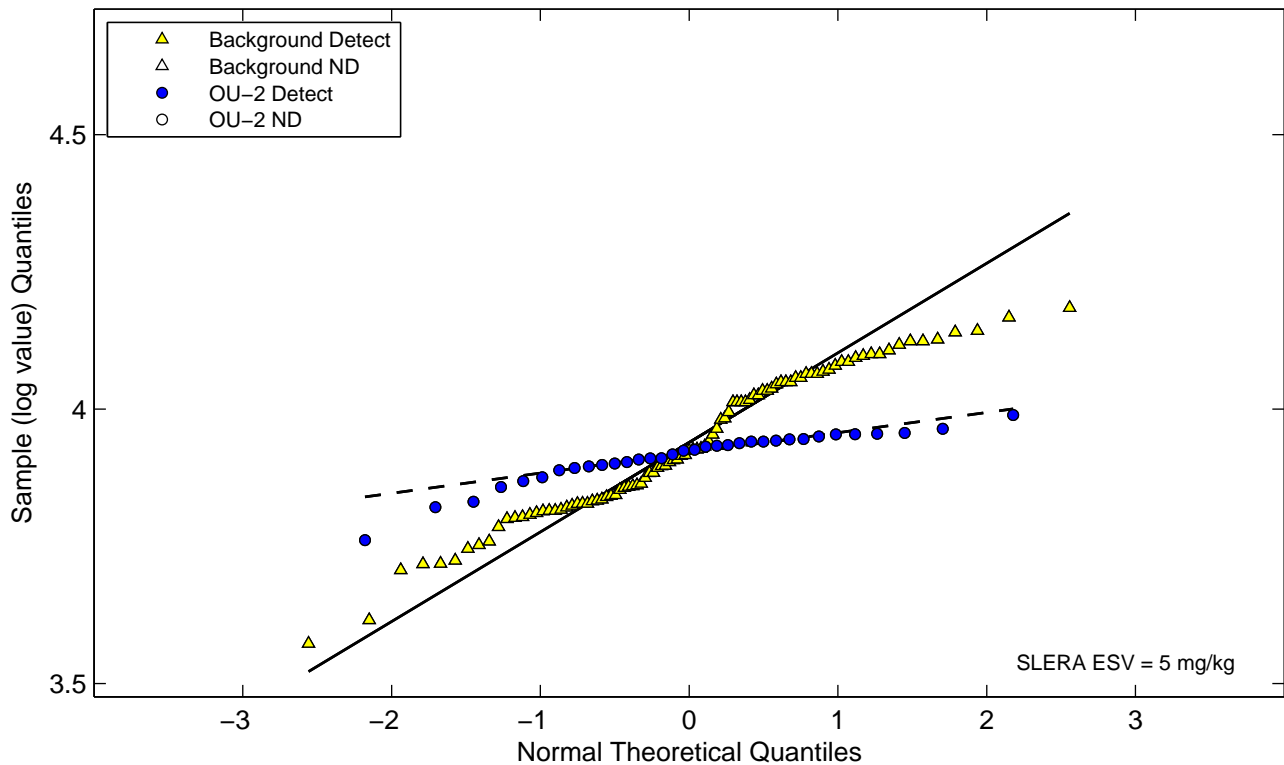
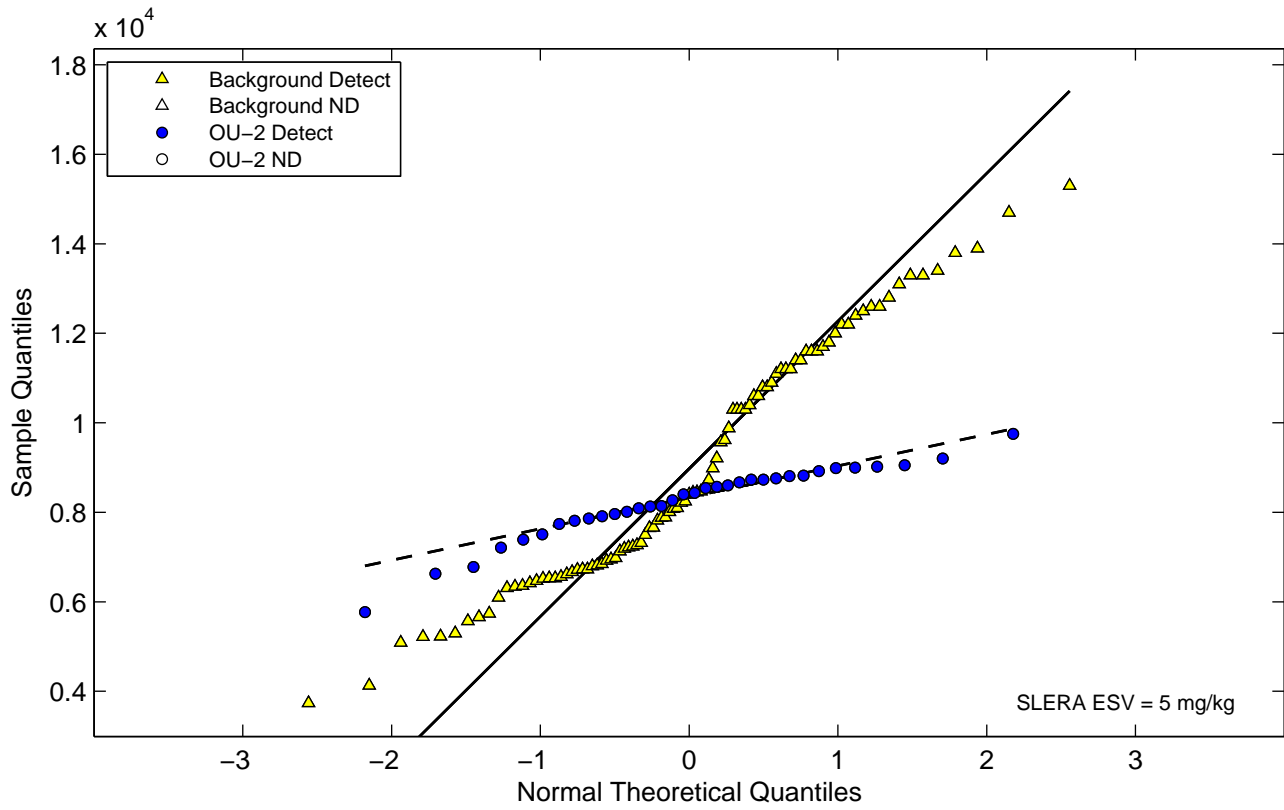


Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Aluminum



**Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Antimony**

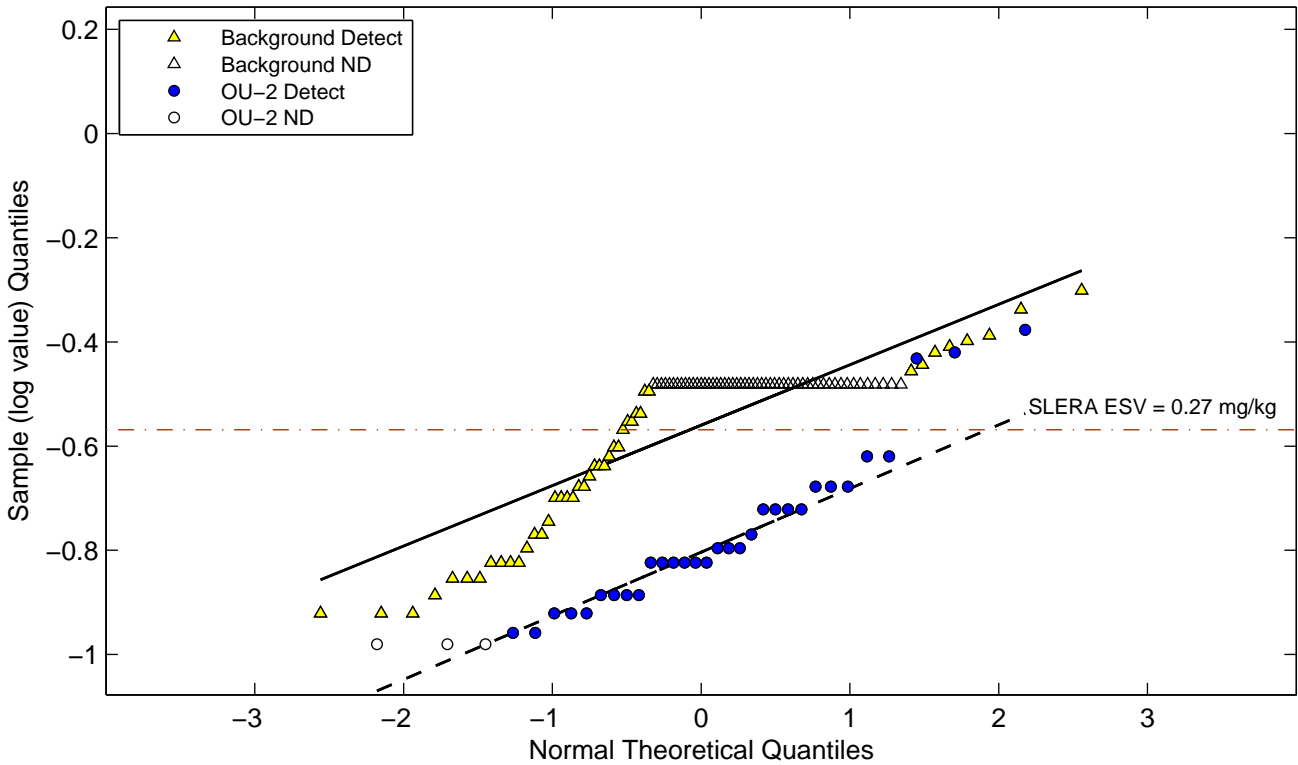
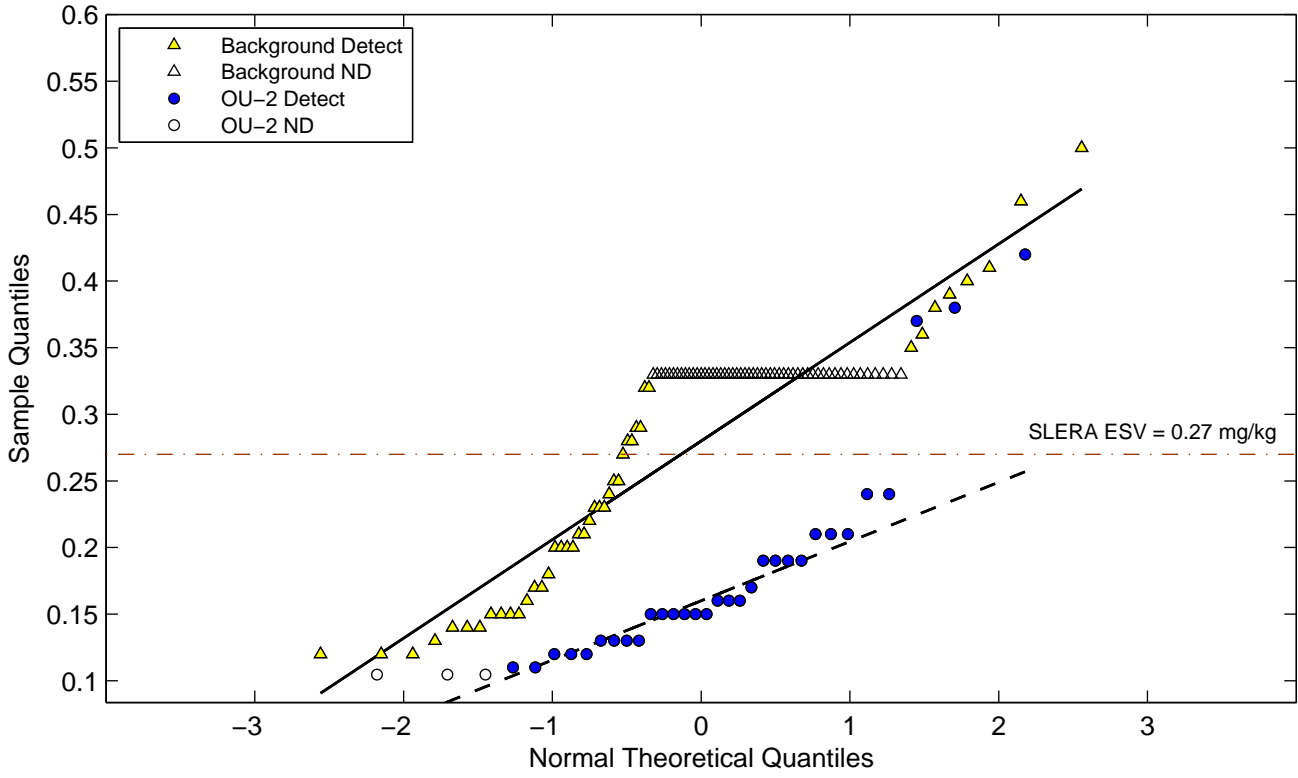


Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Arsenic

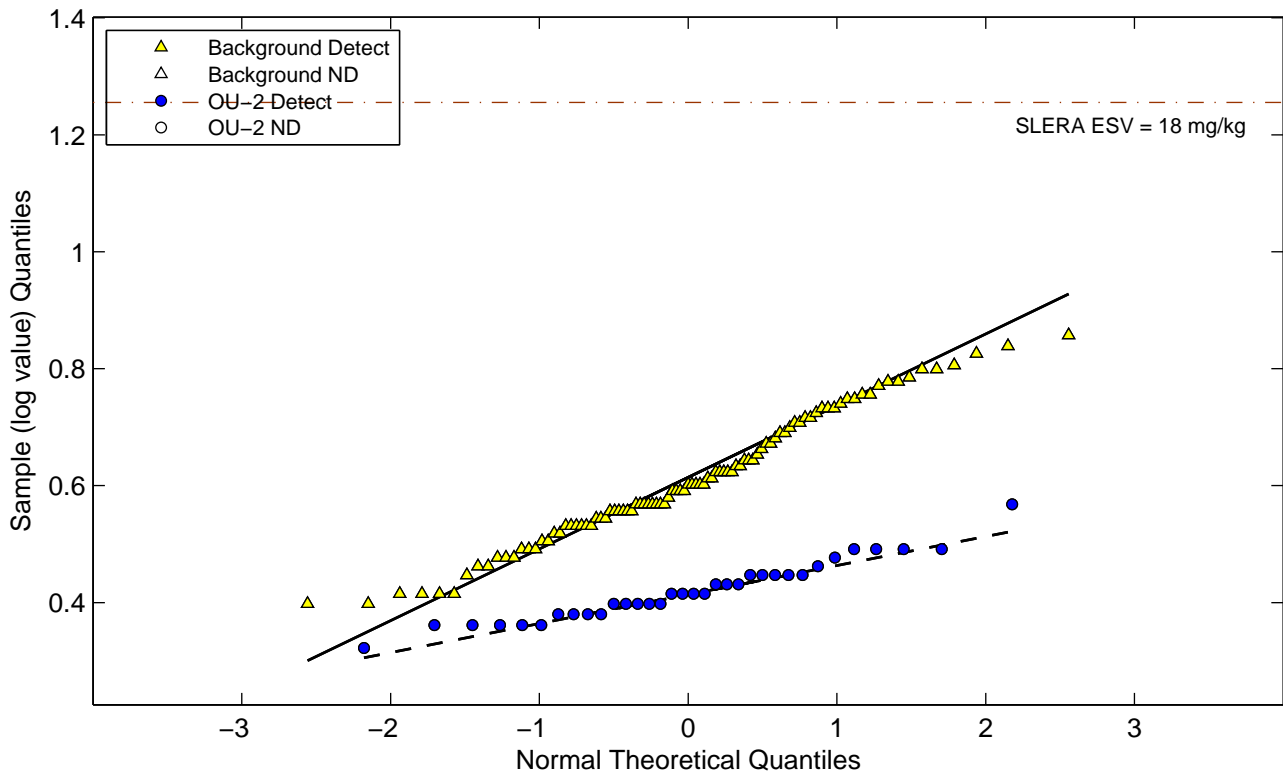
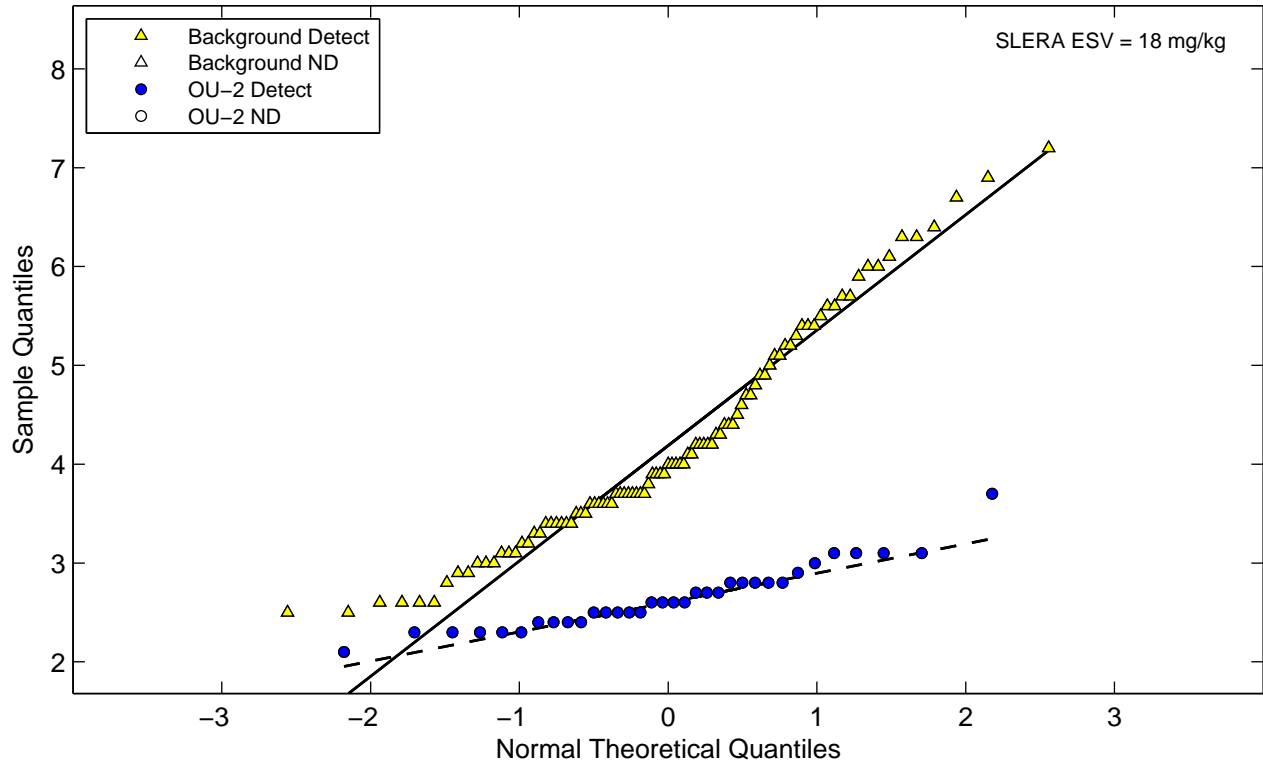
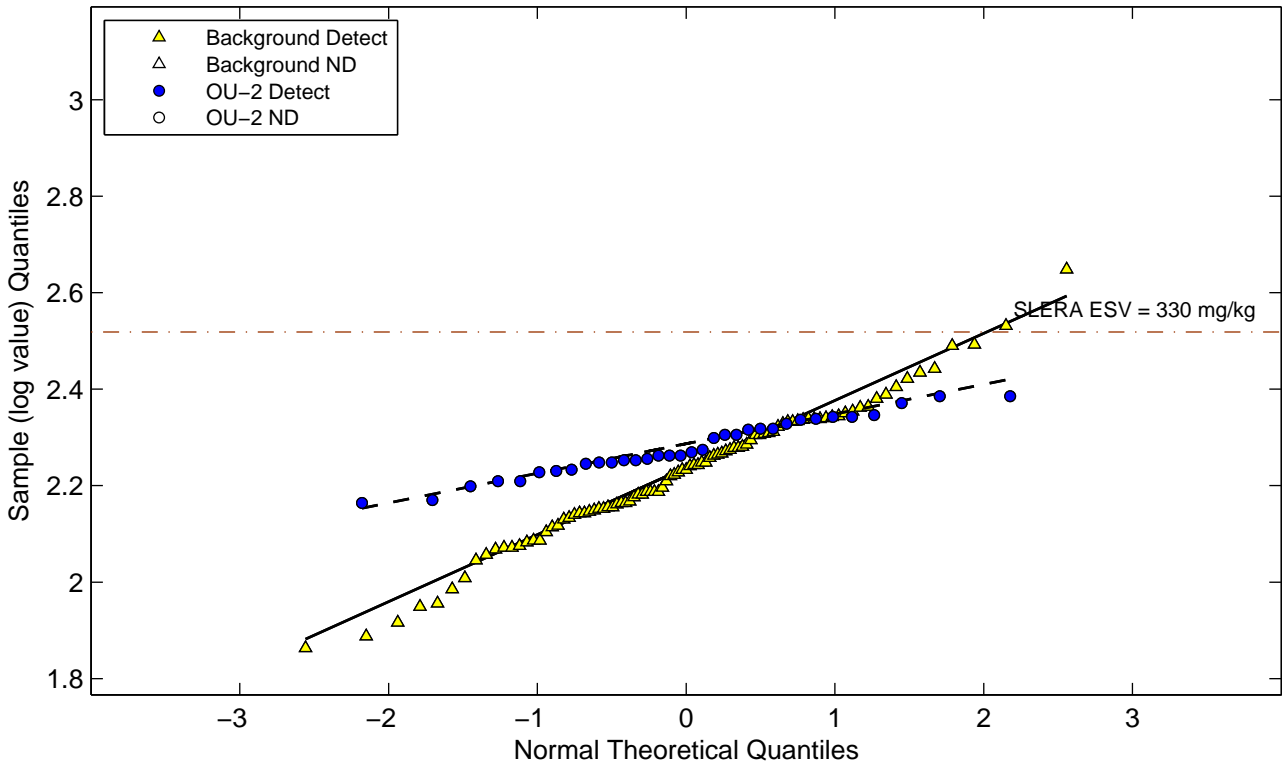
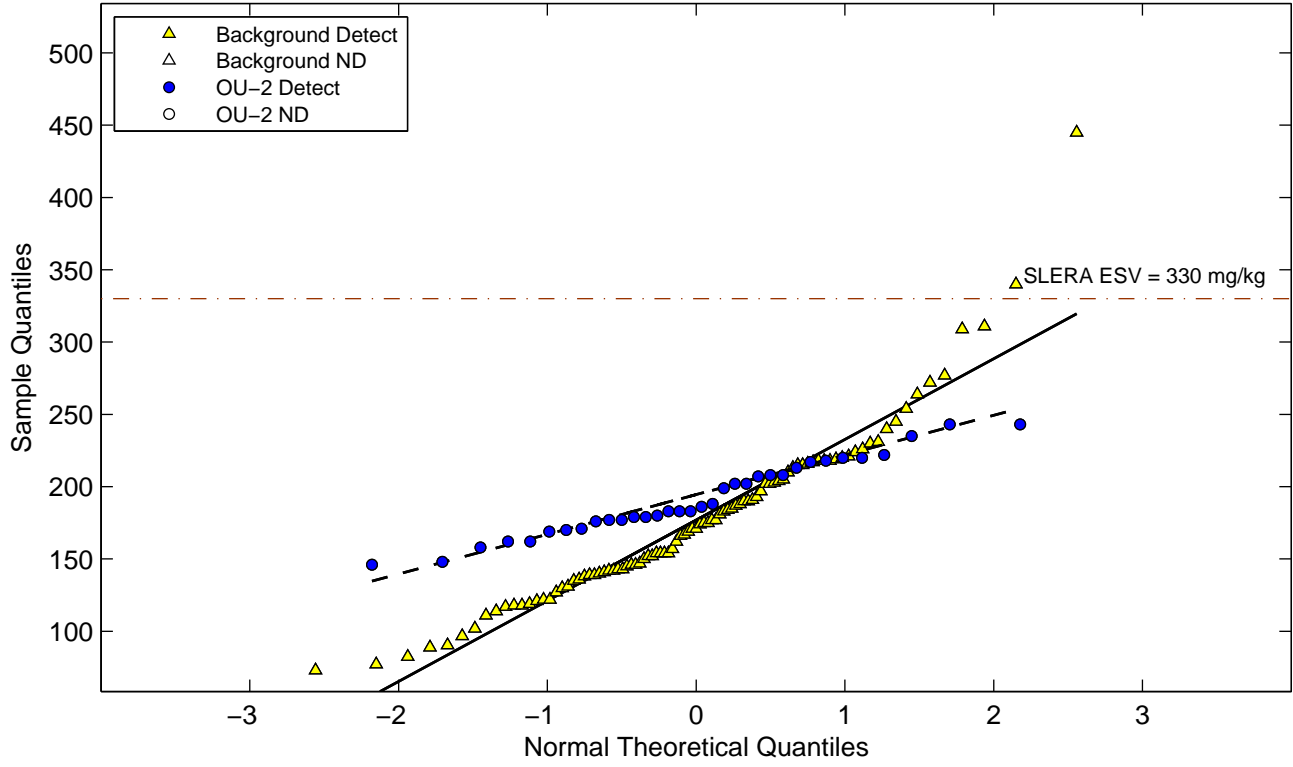
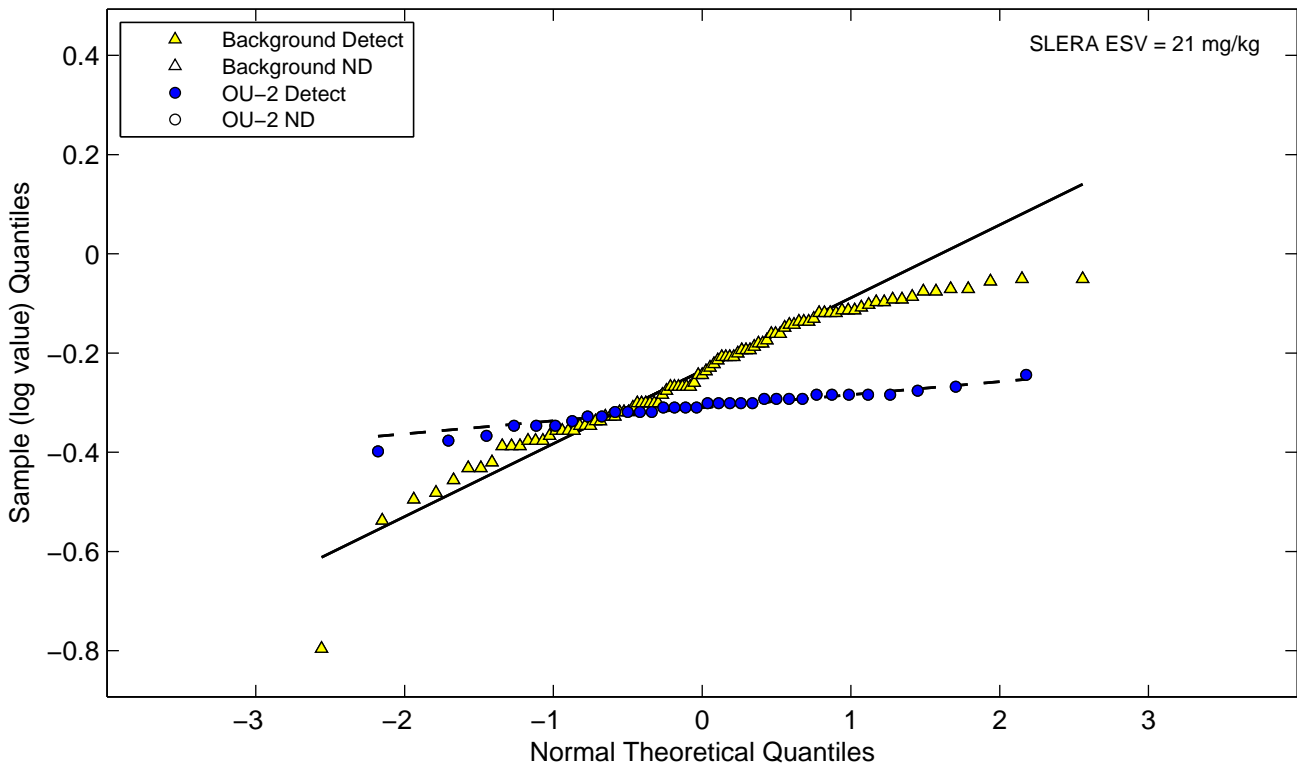
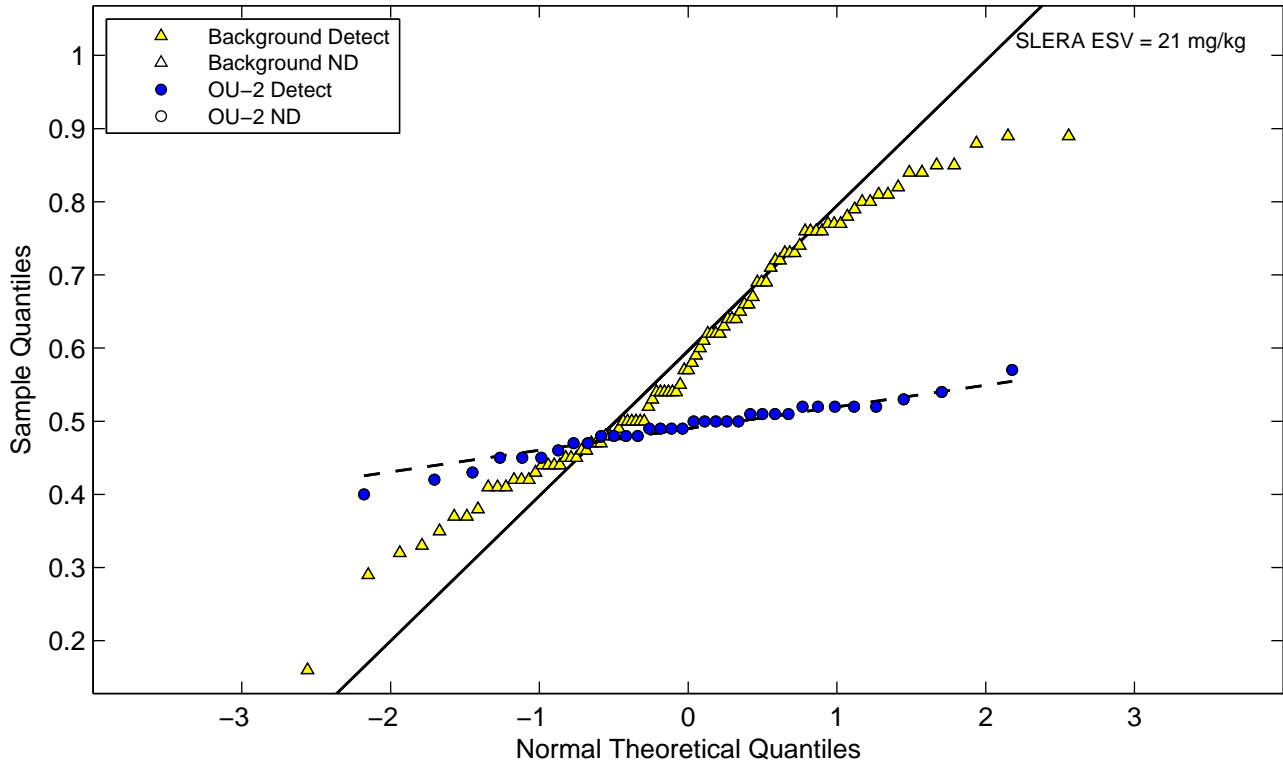


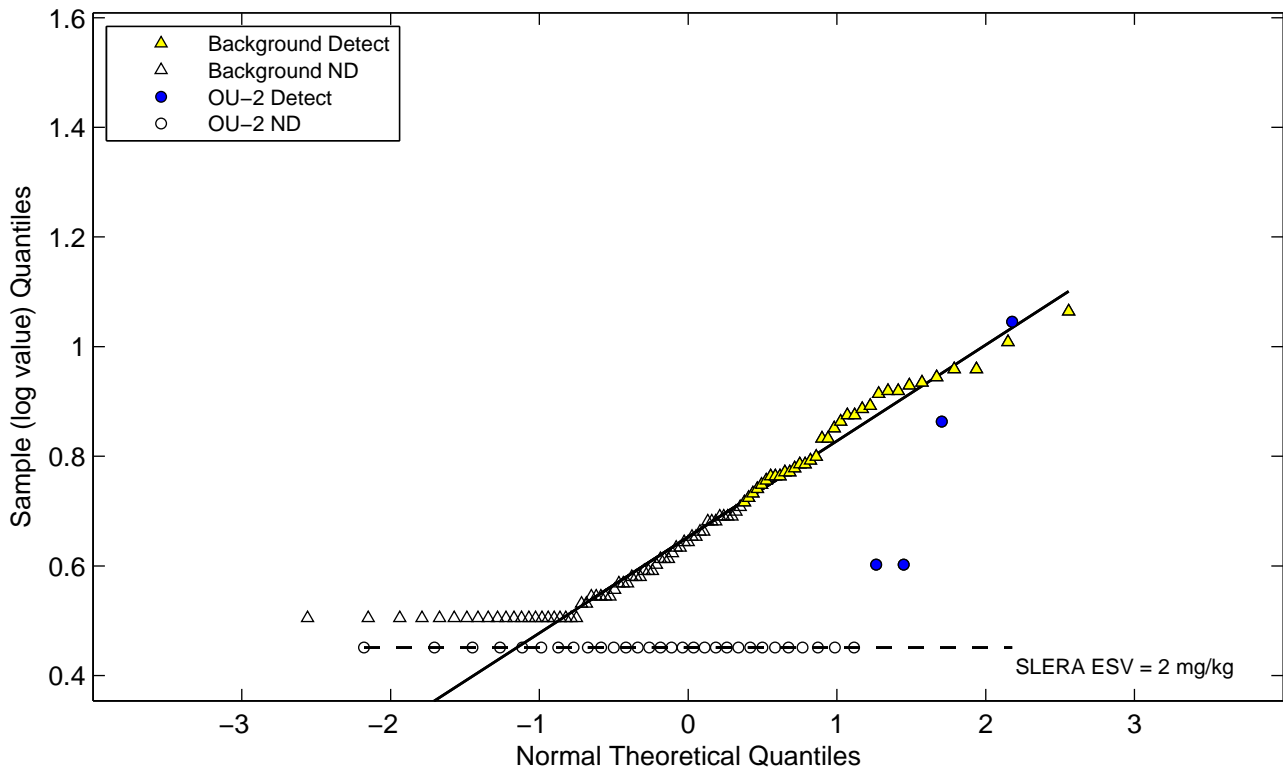
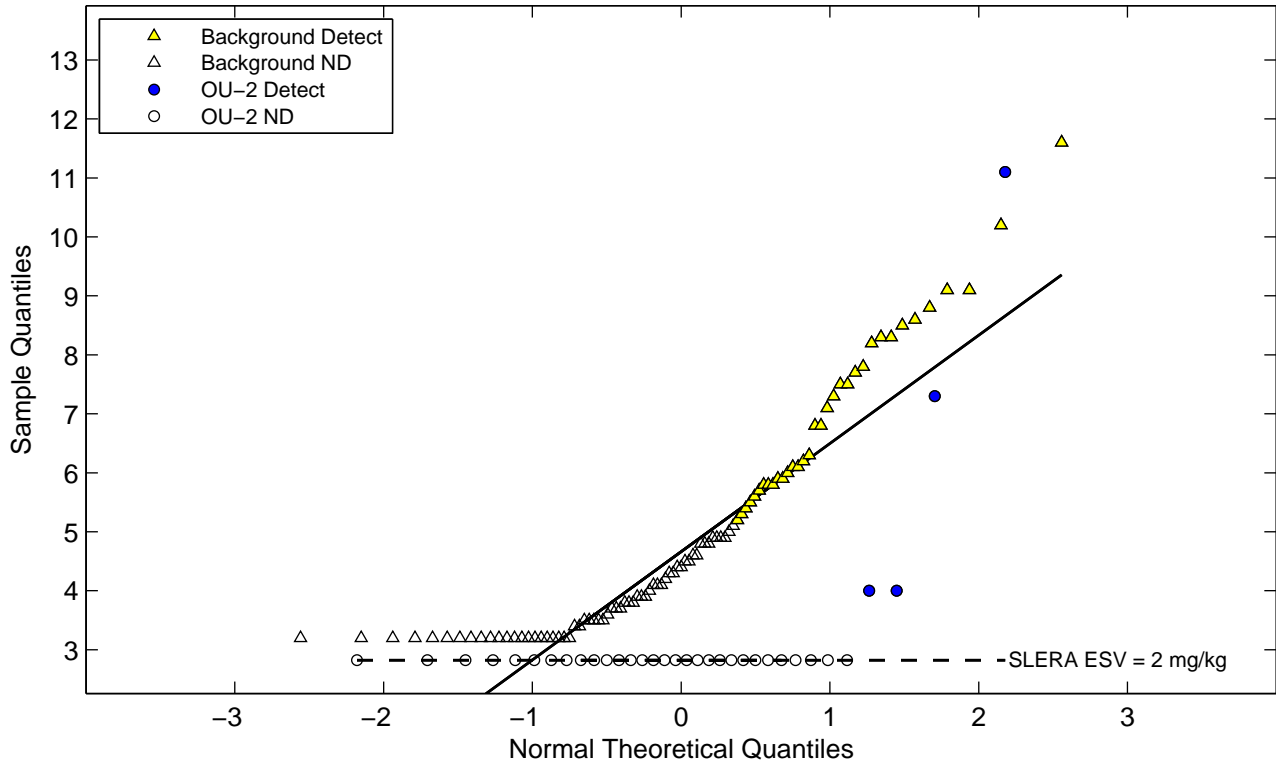
Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Barium



**Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Beryllium**



**Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Boron**



**Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Cadmium**

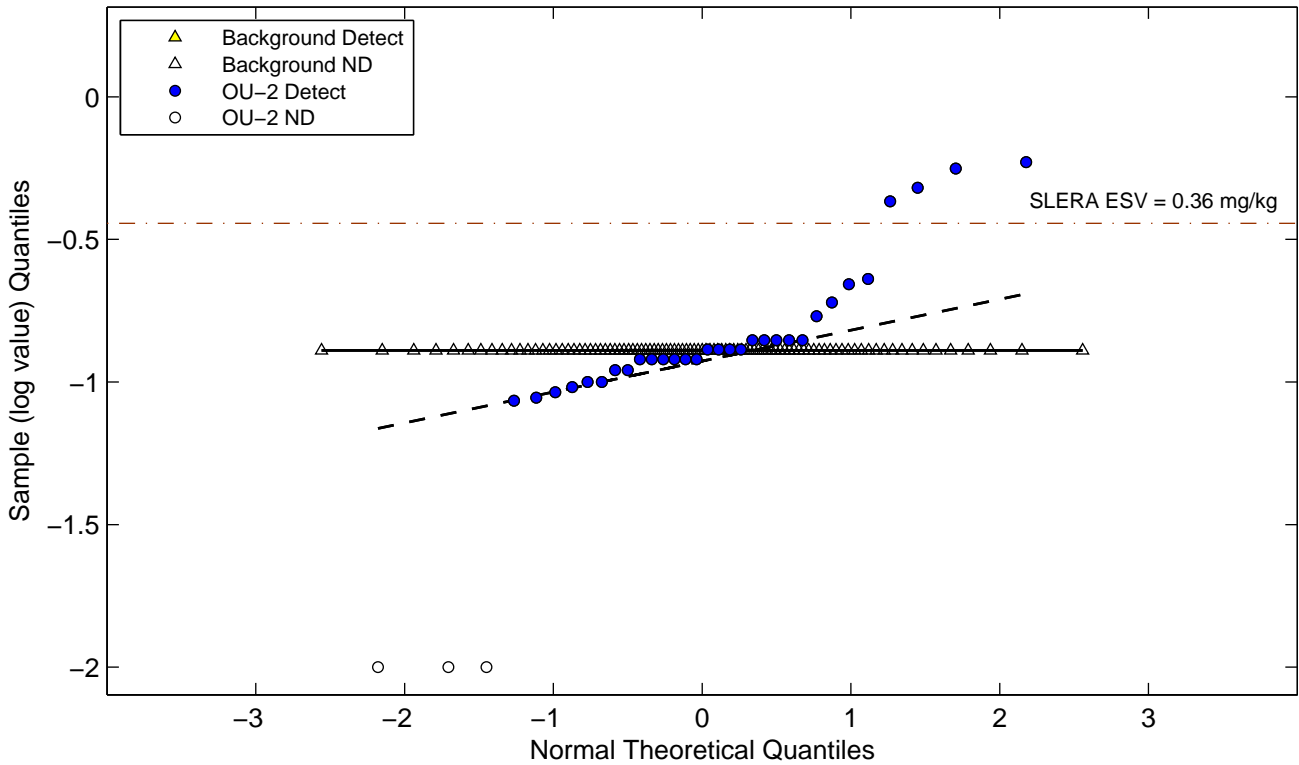
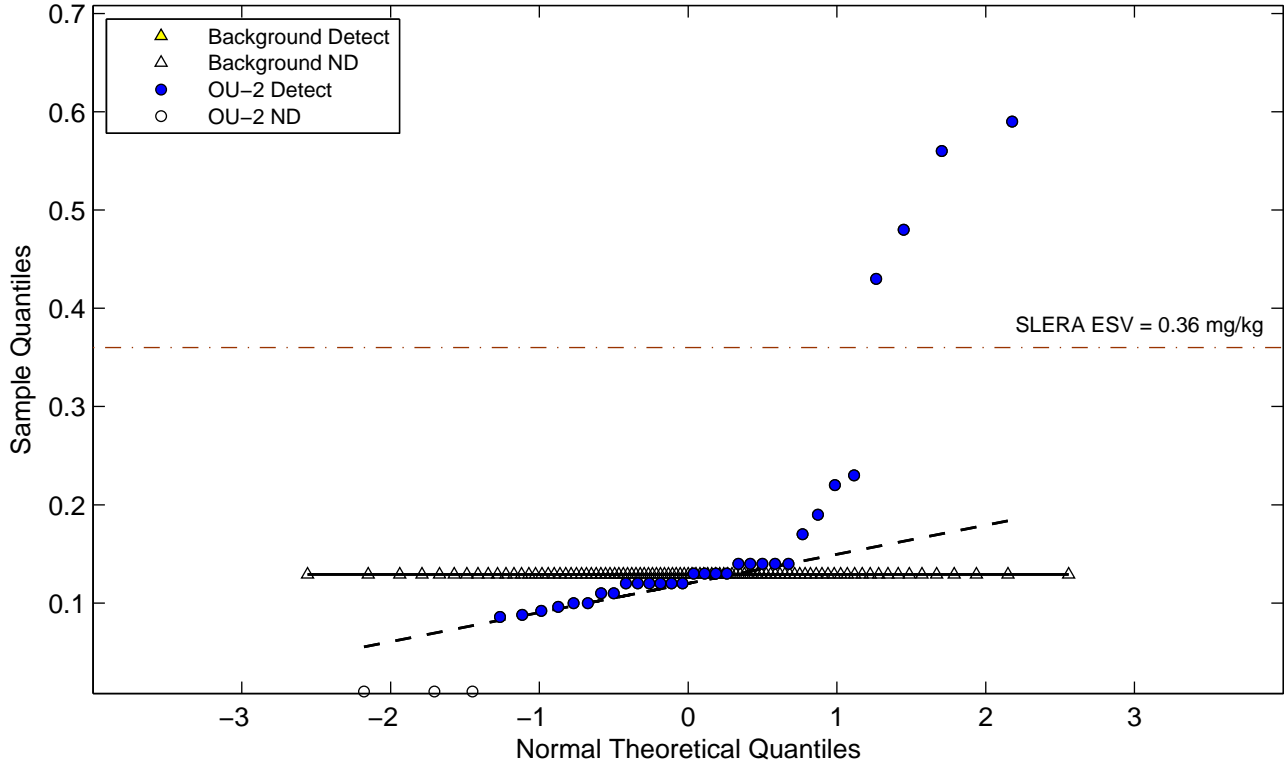
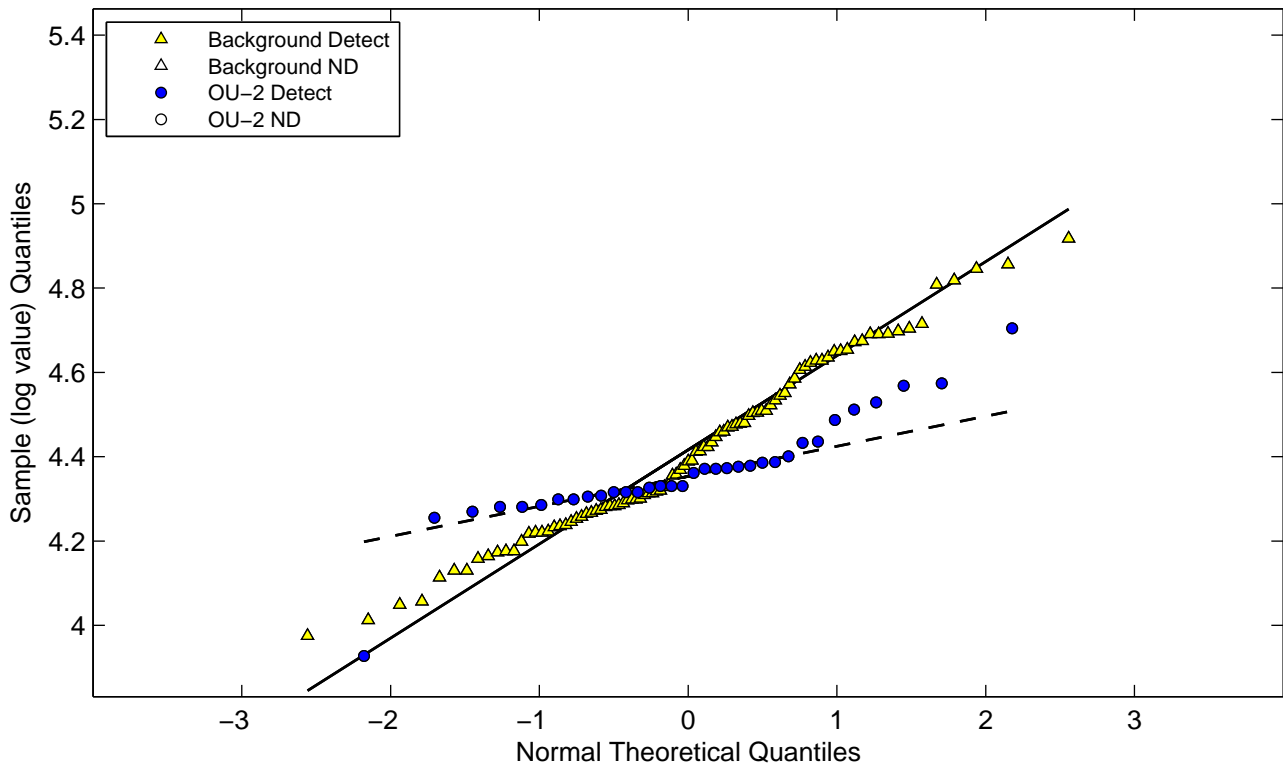
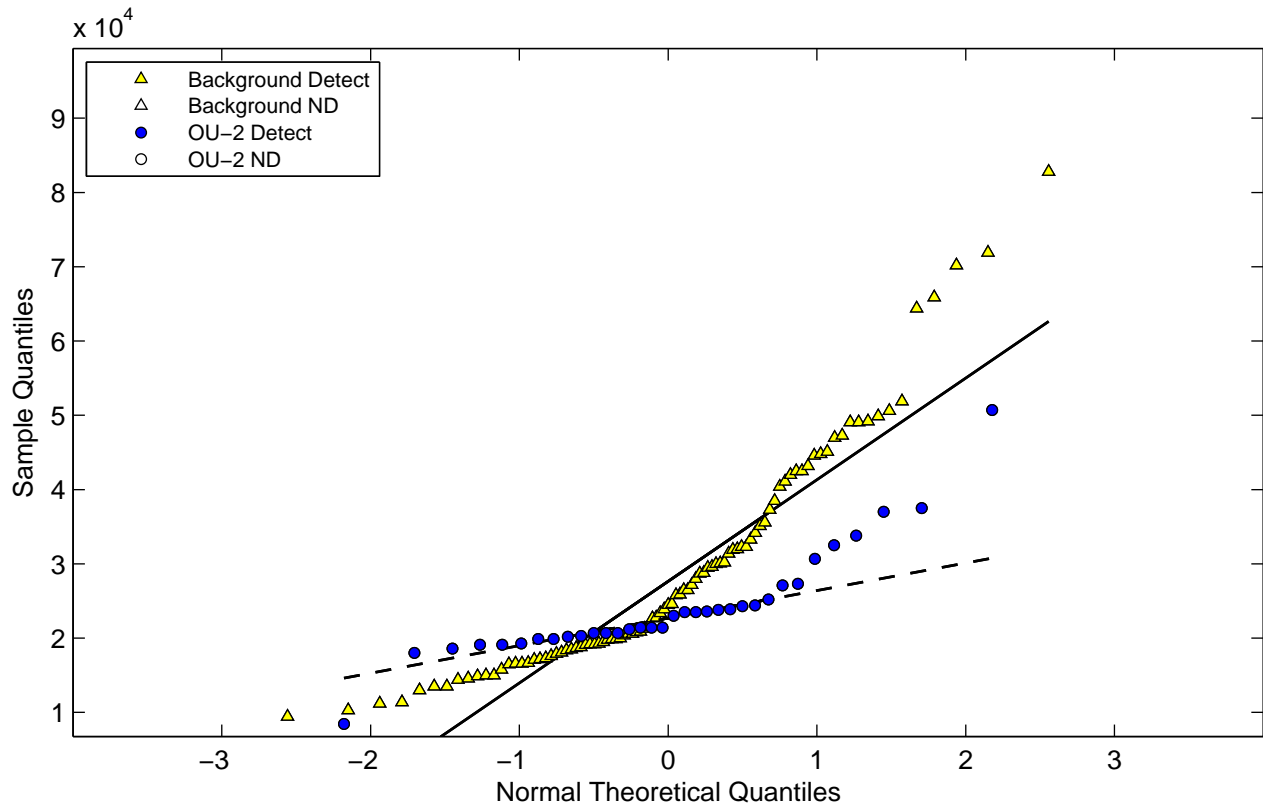
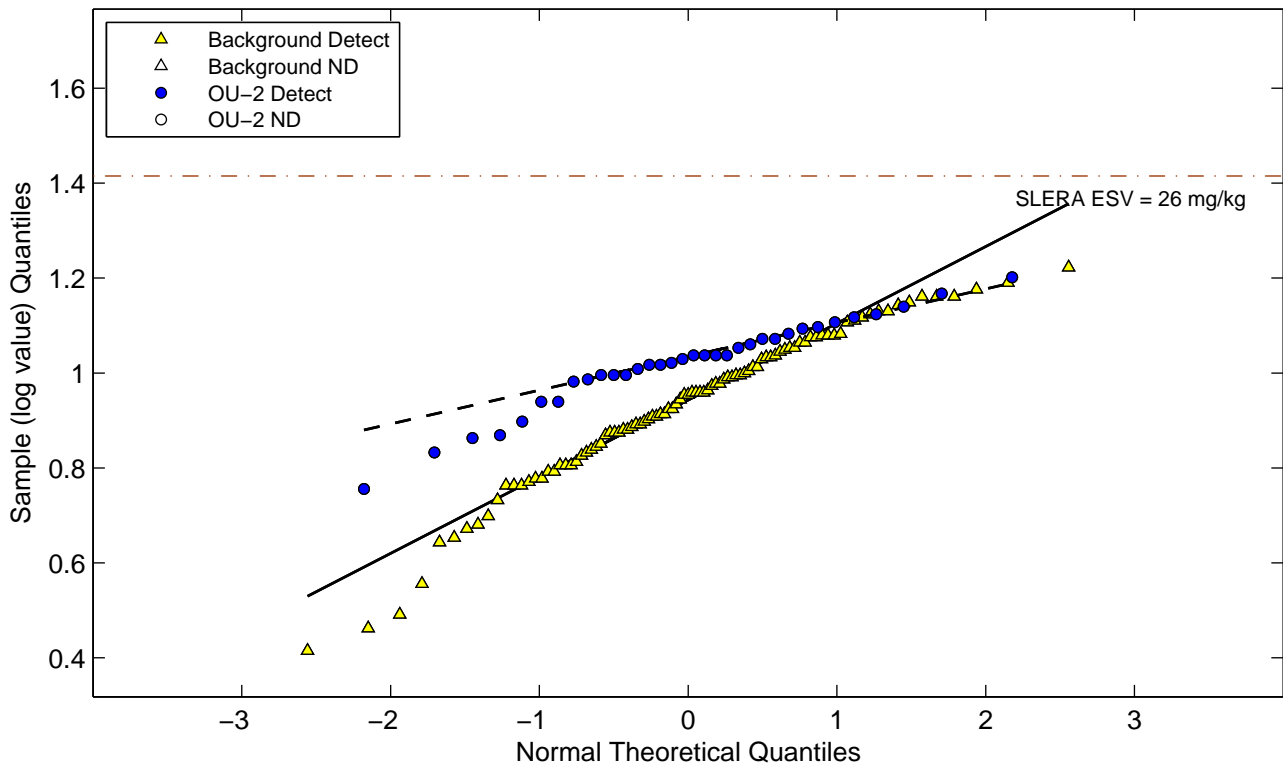
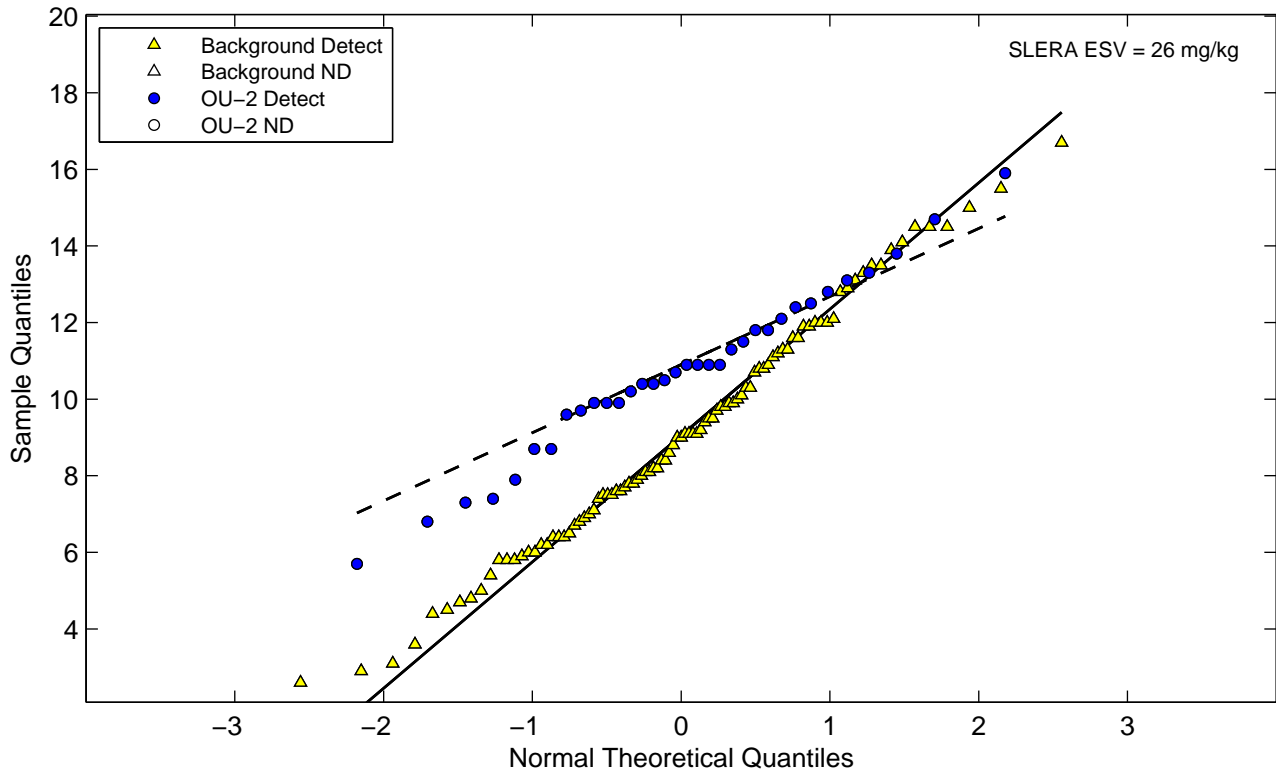


Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Calcium



**Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Chromium (total)**



**Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Chromium VI**

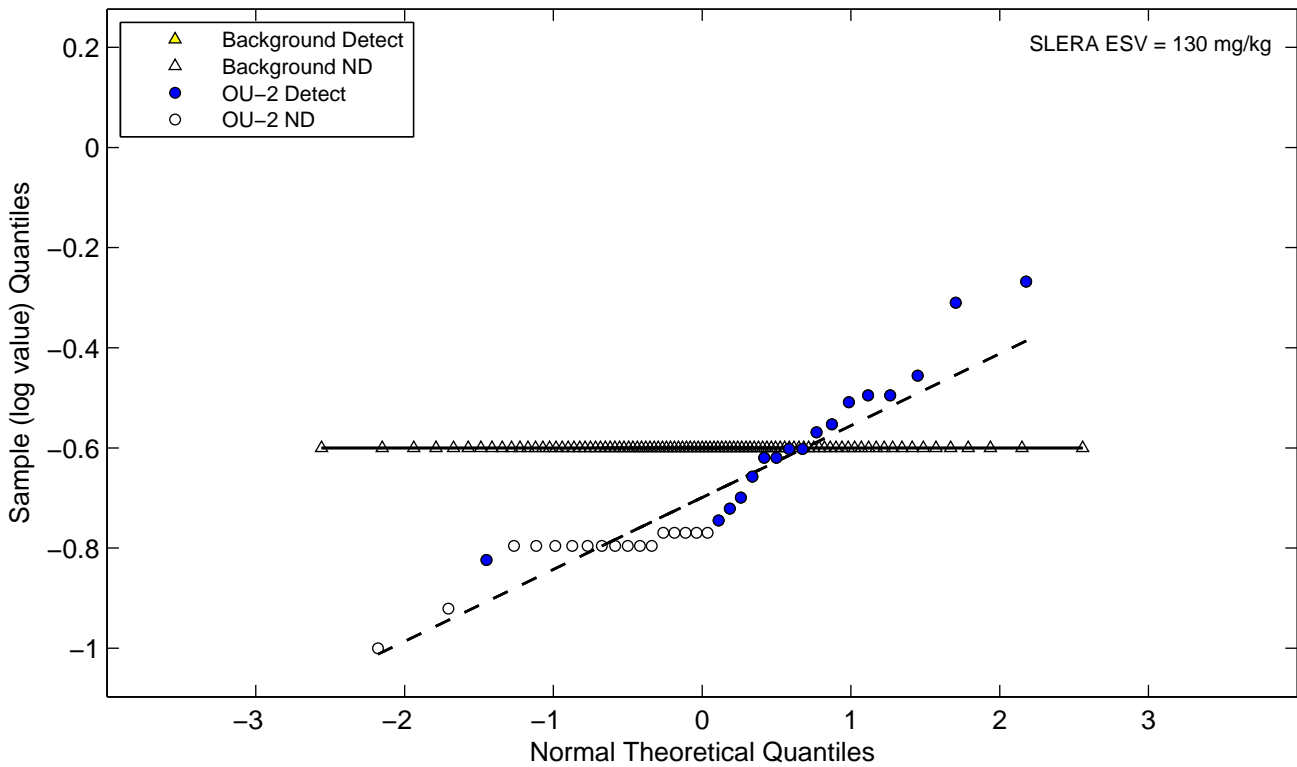
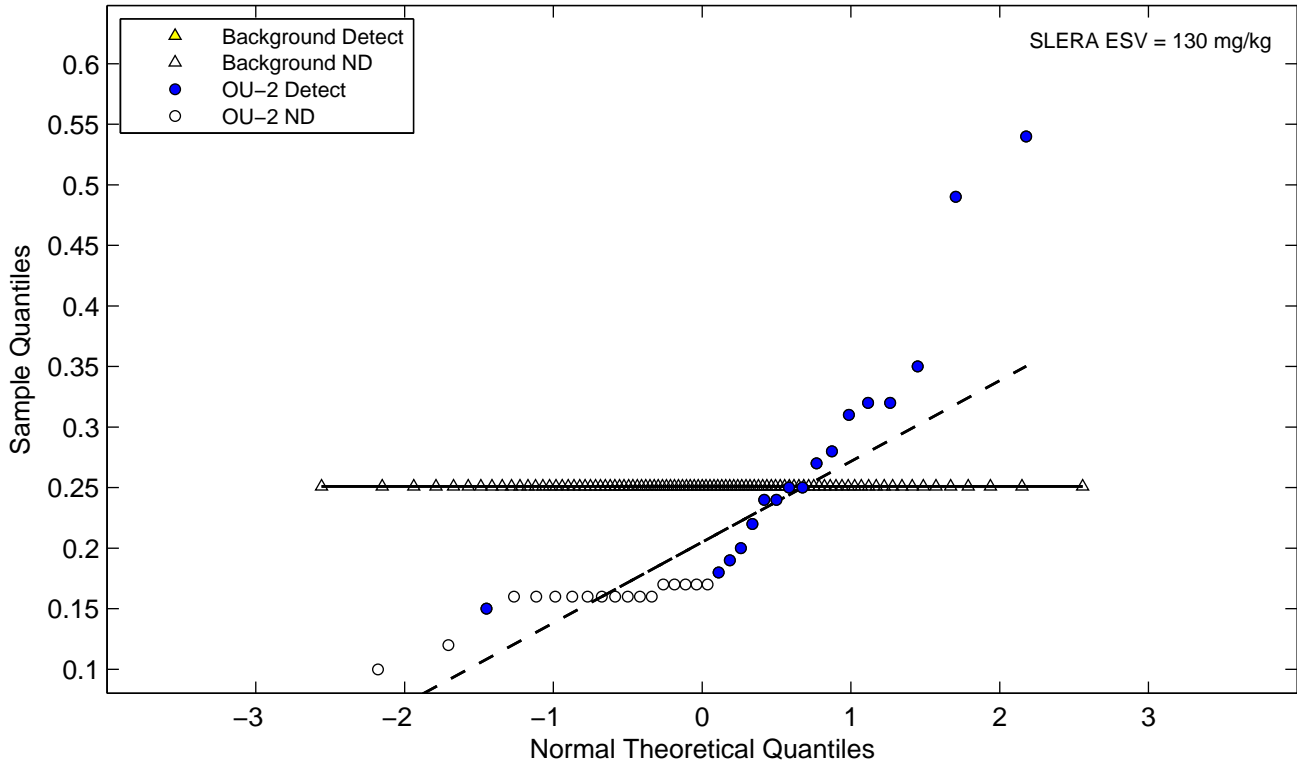


Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Cobalt

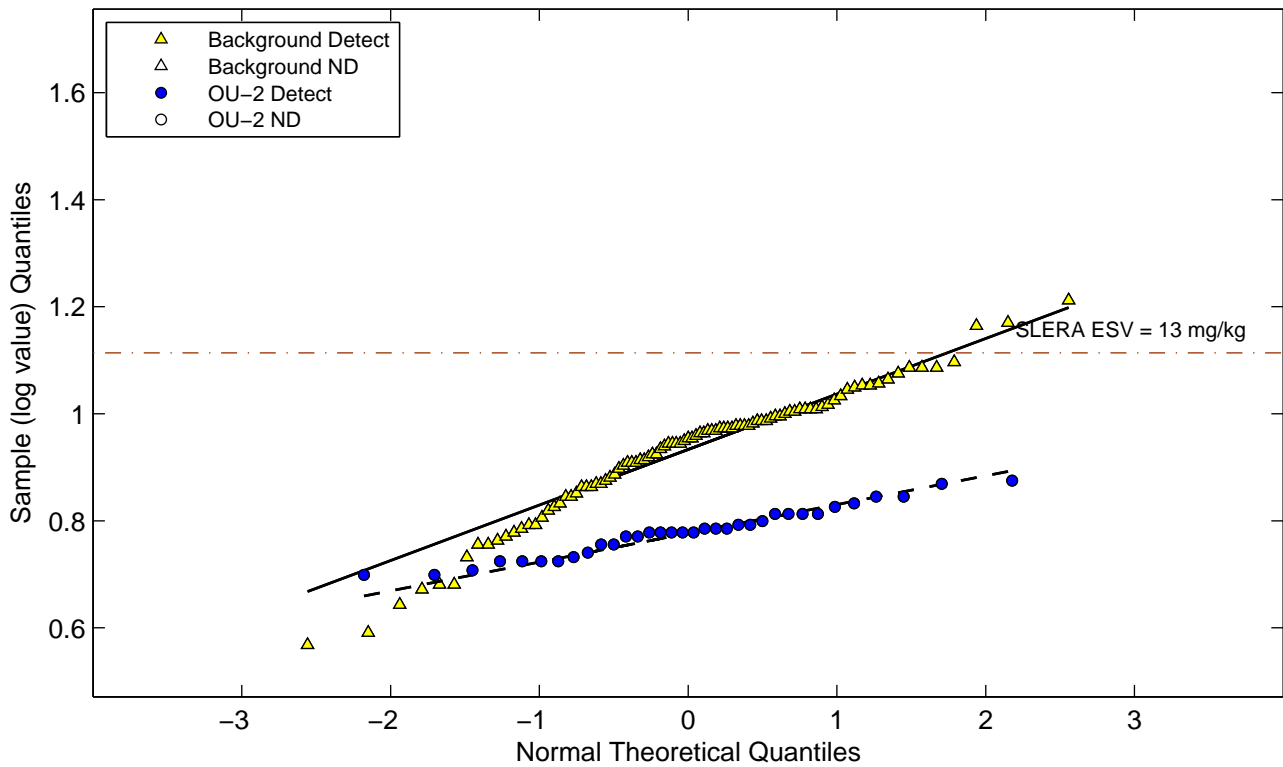
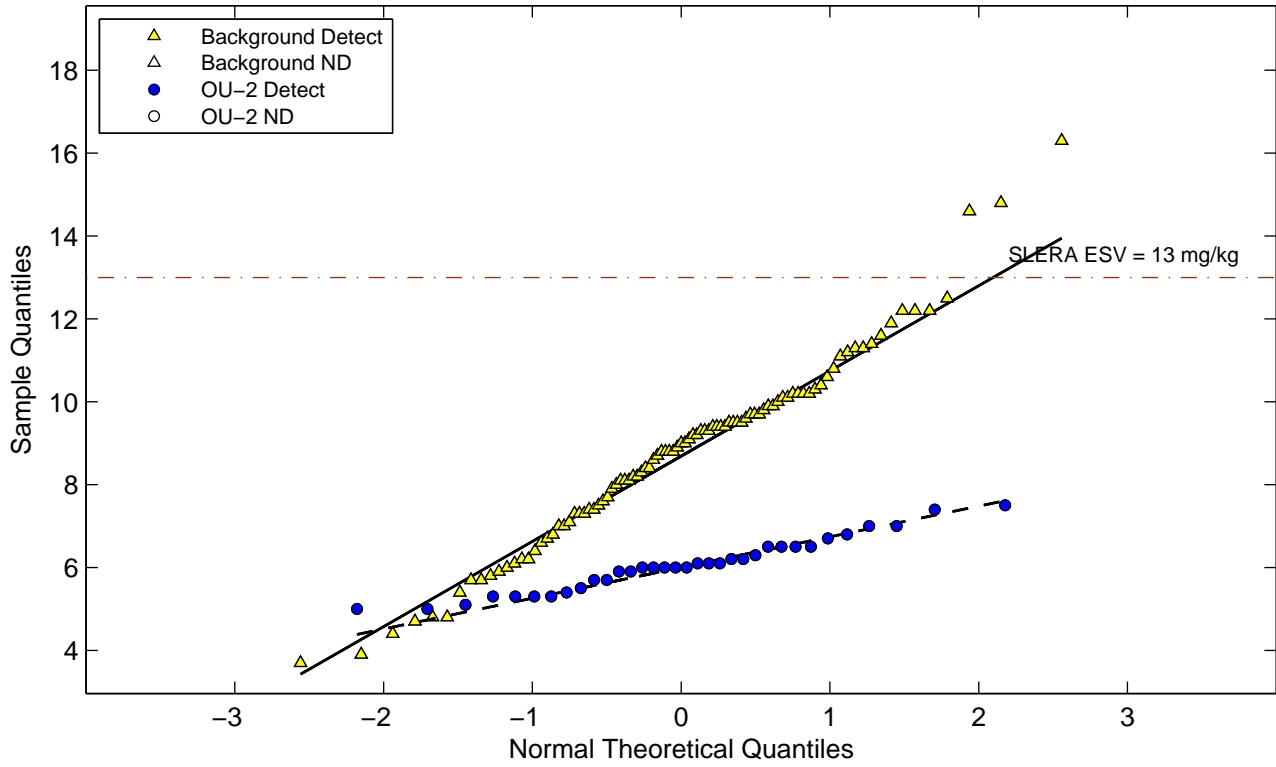


Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Copper

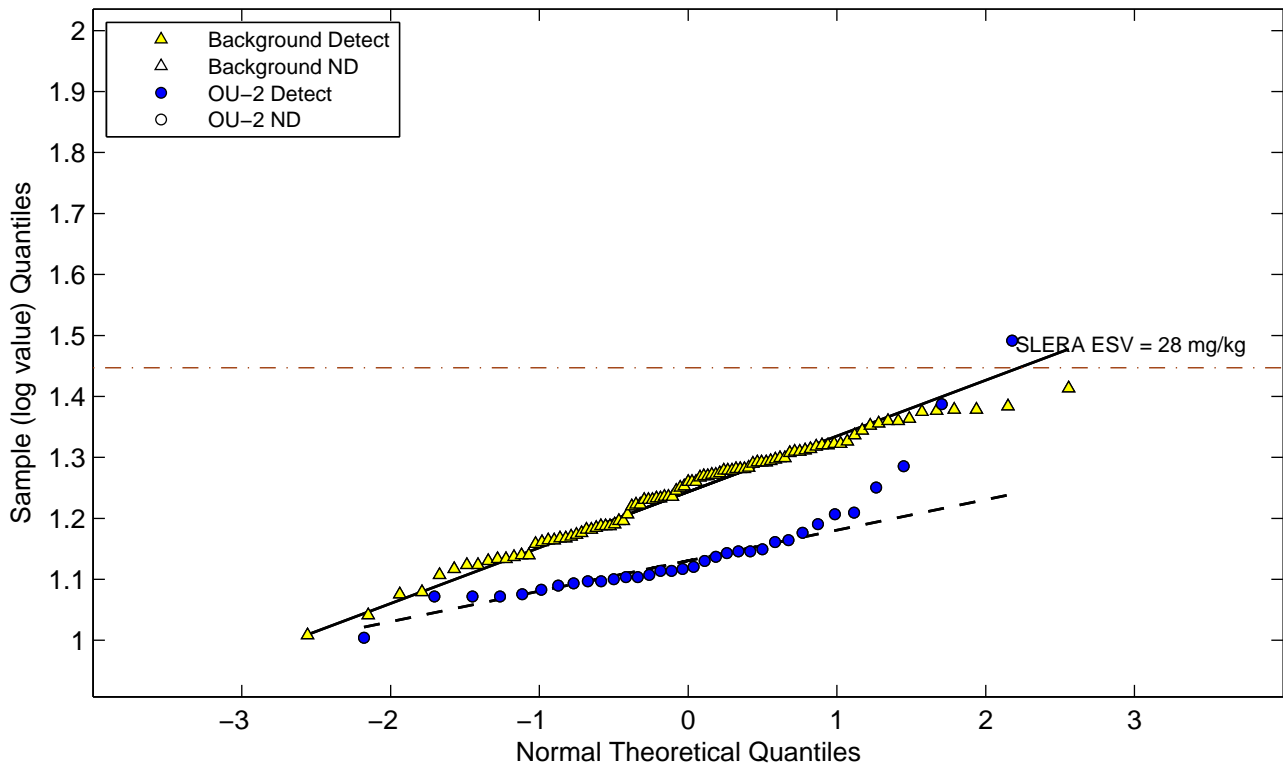
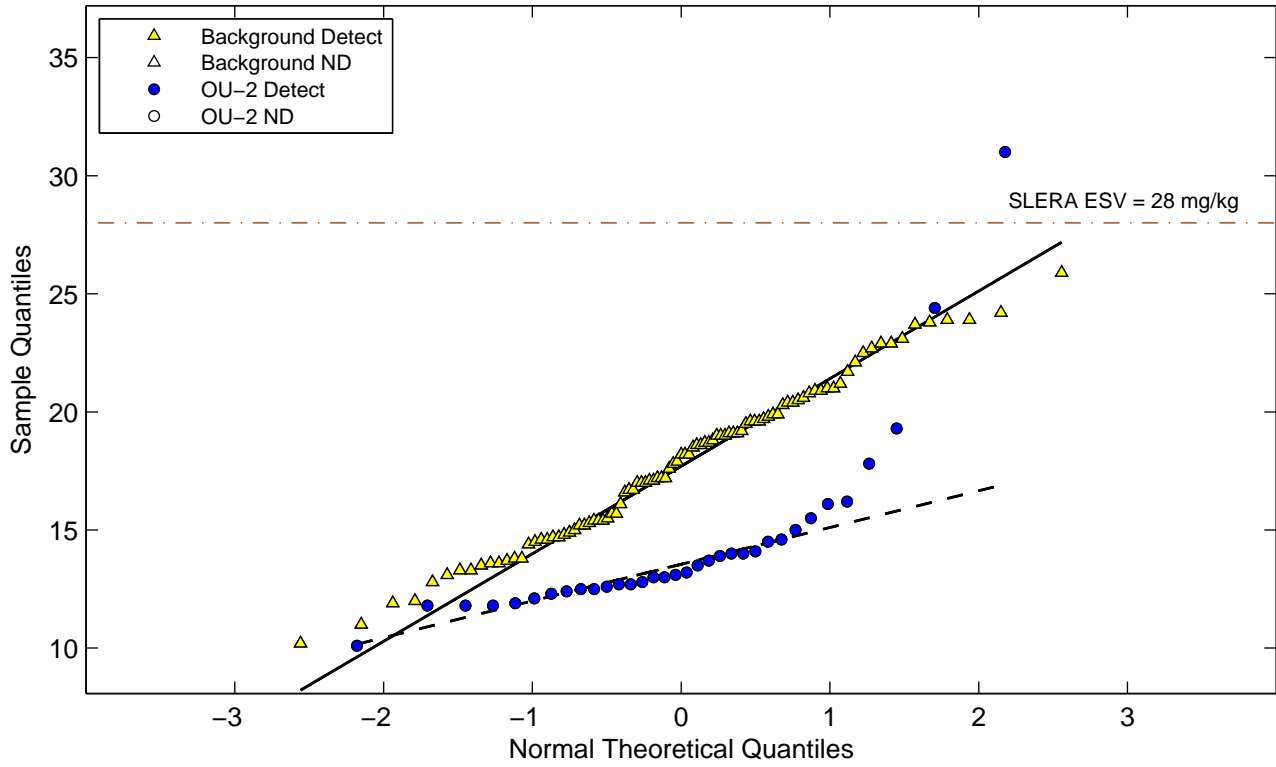


Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Iron

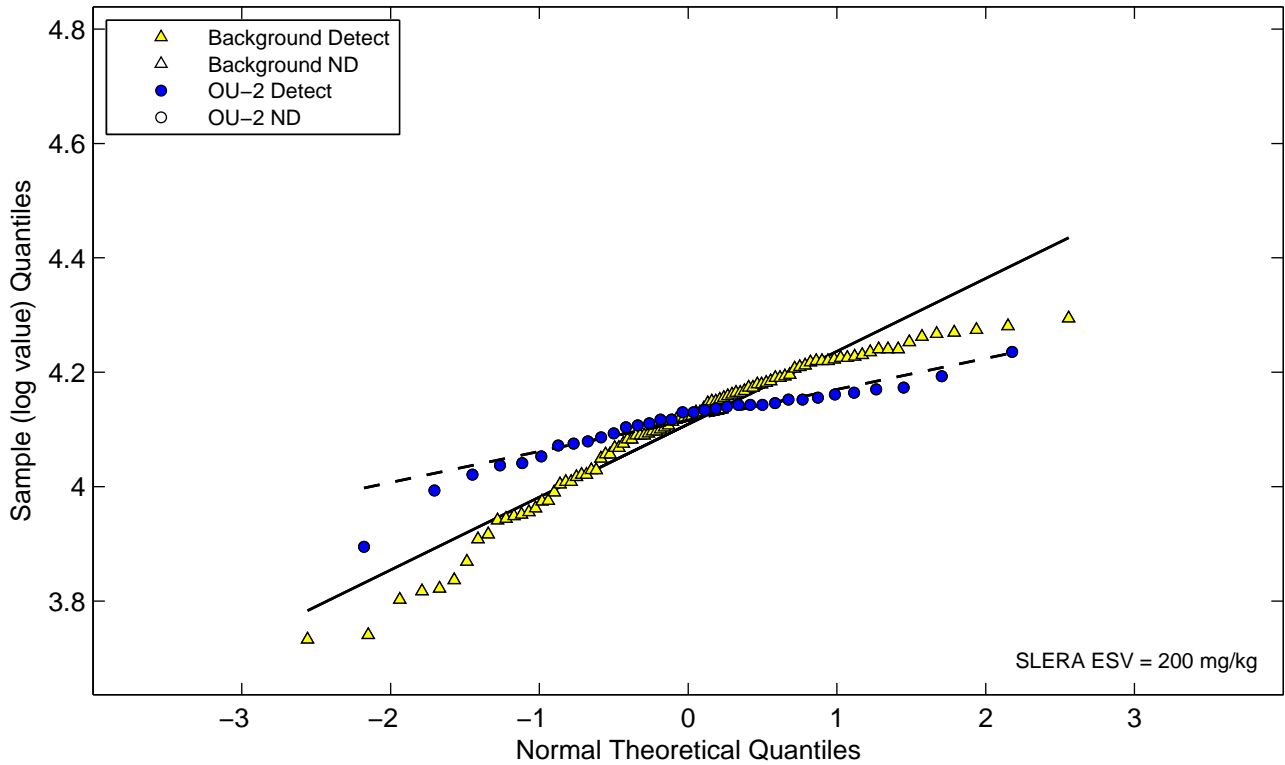
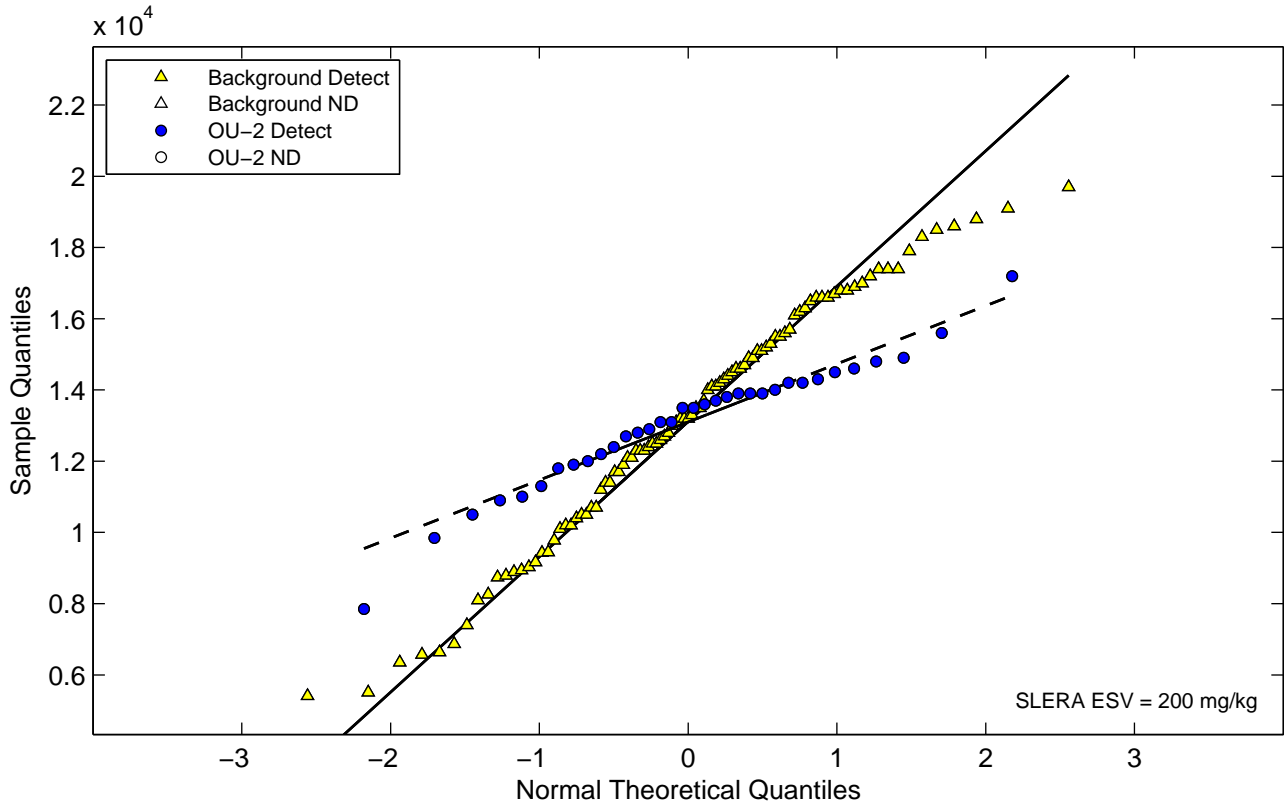


Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Lead

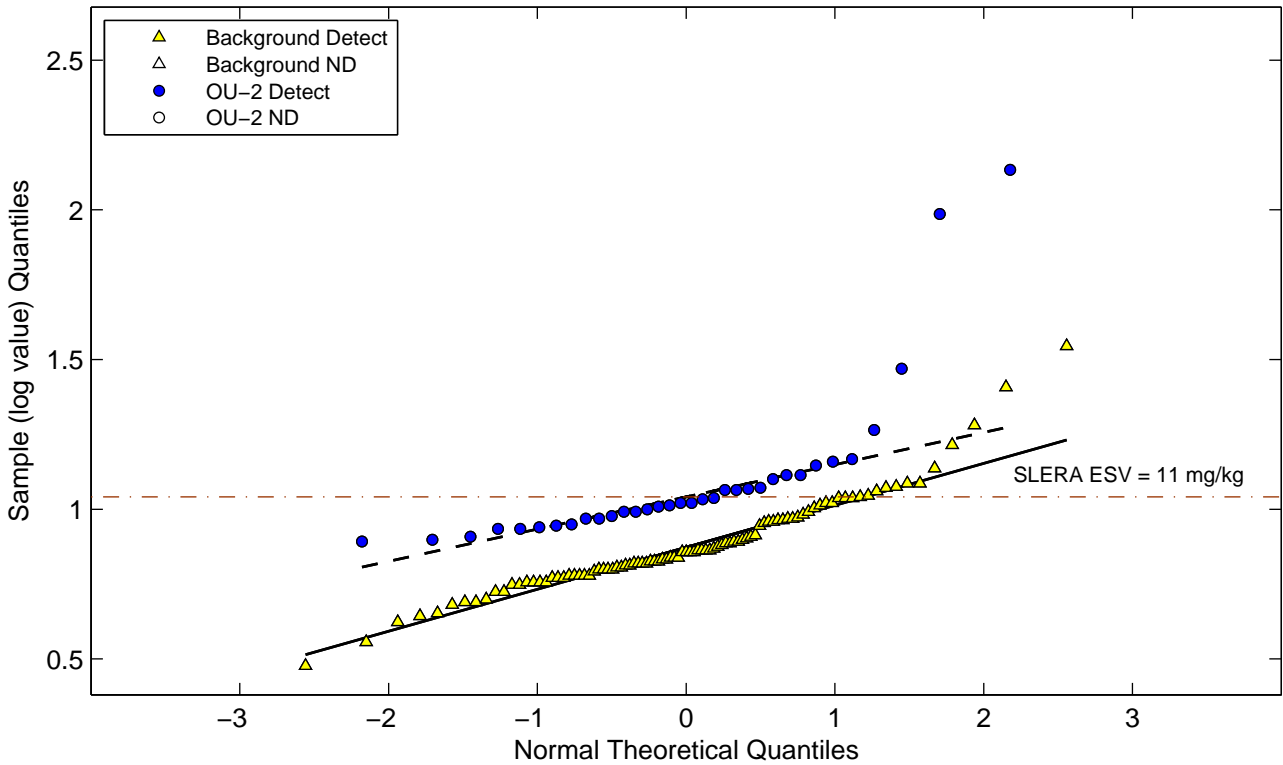
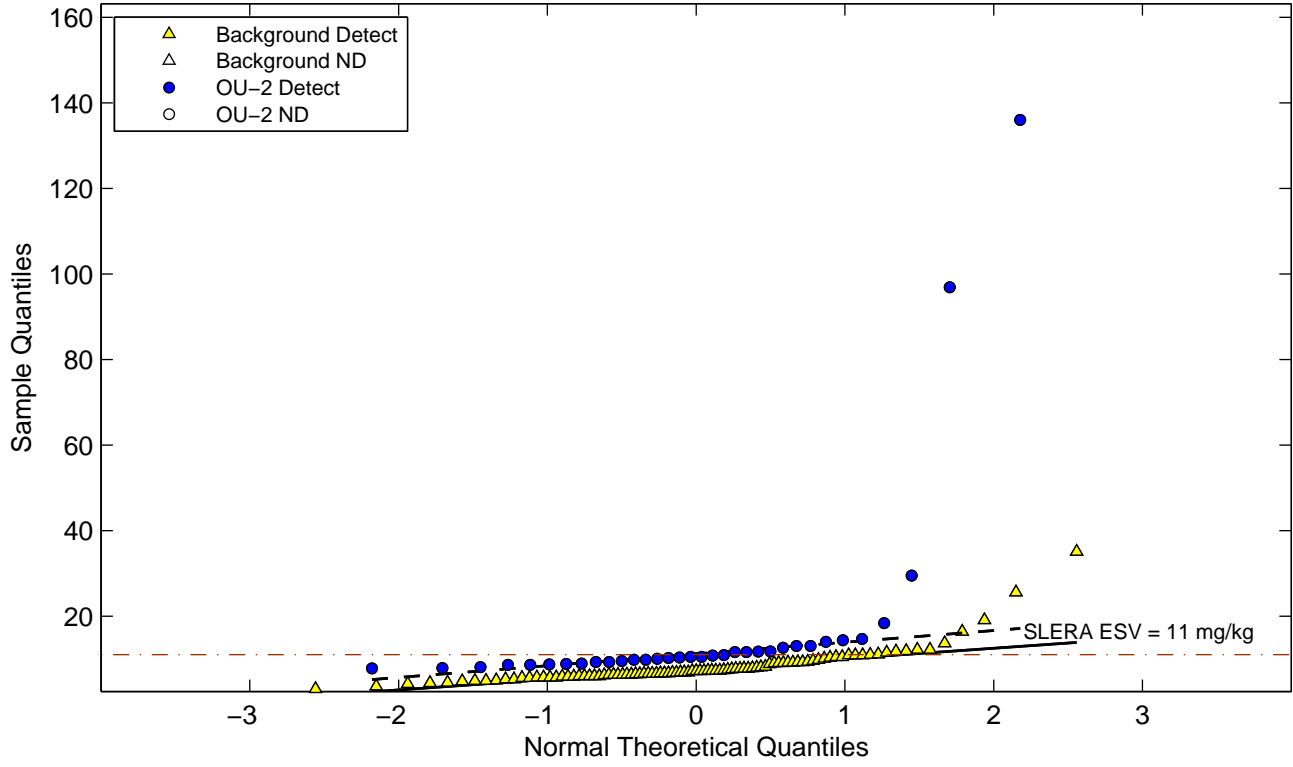
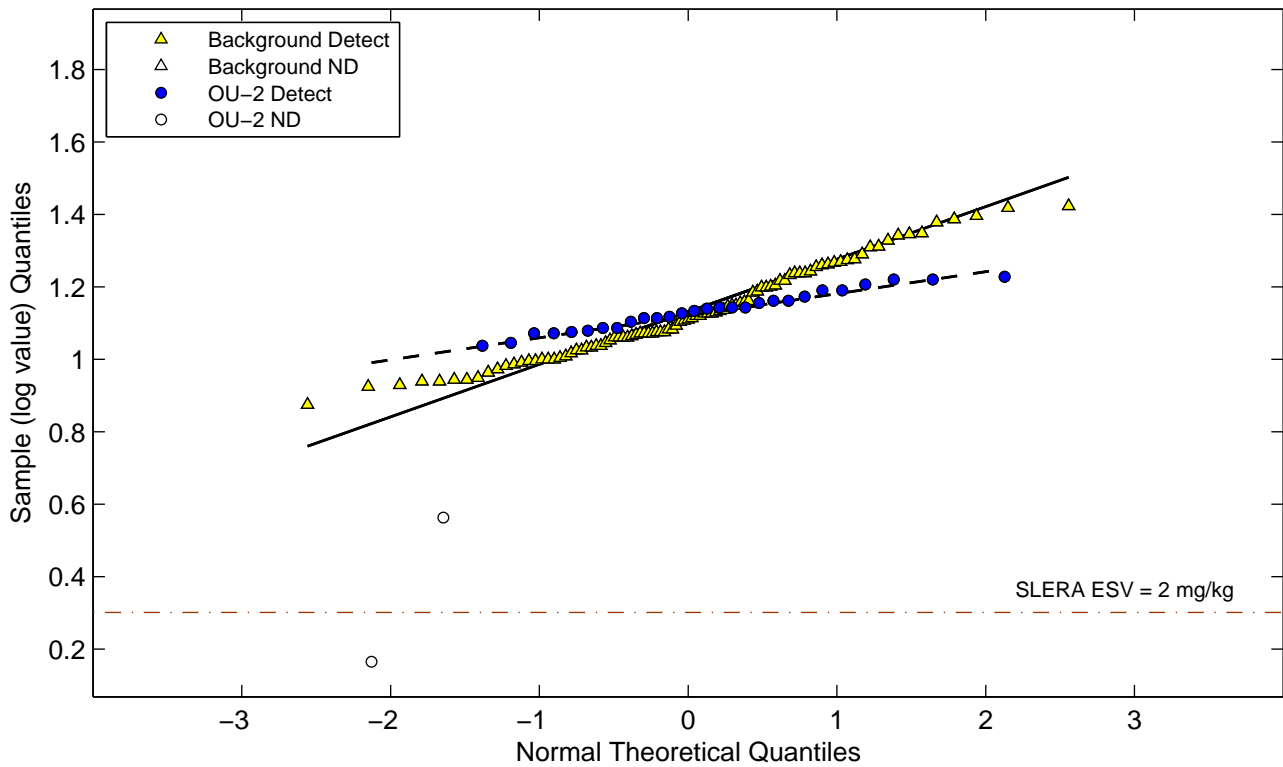
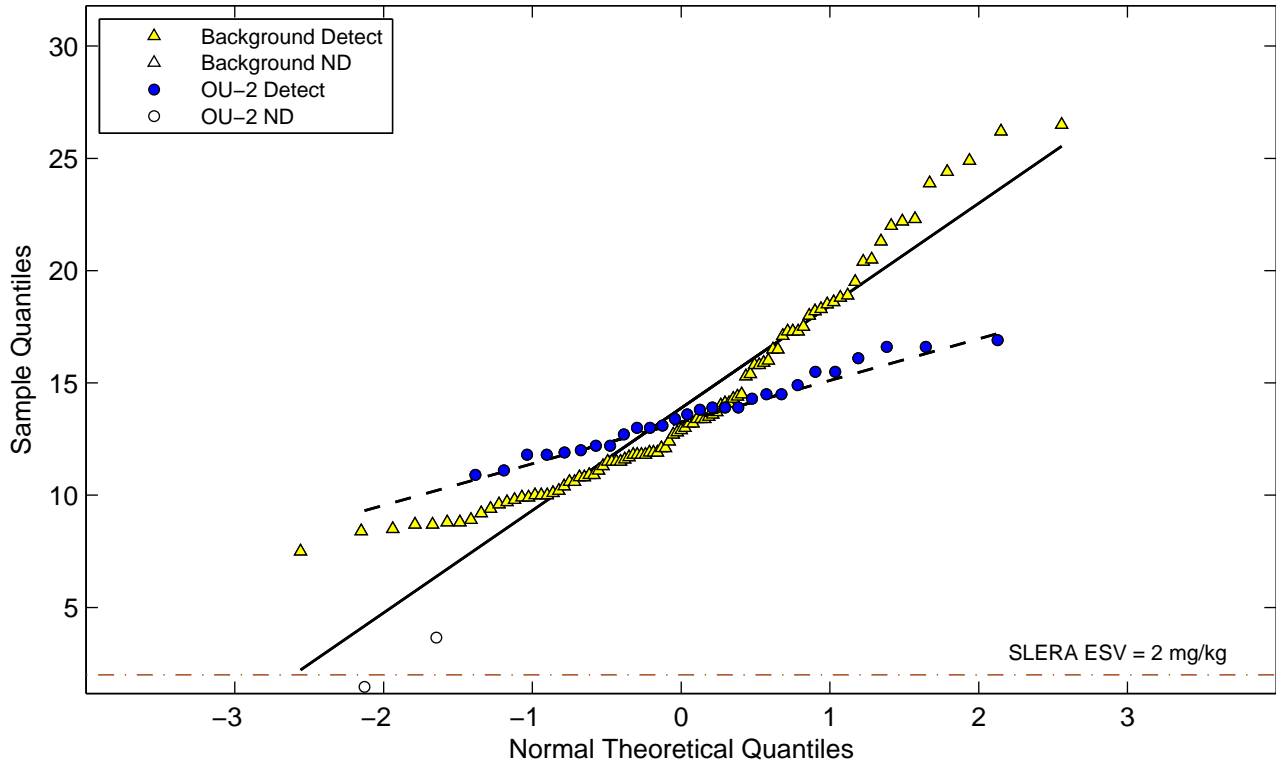
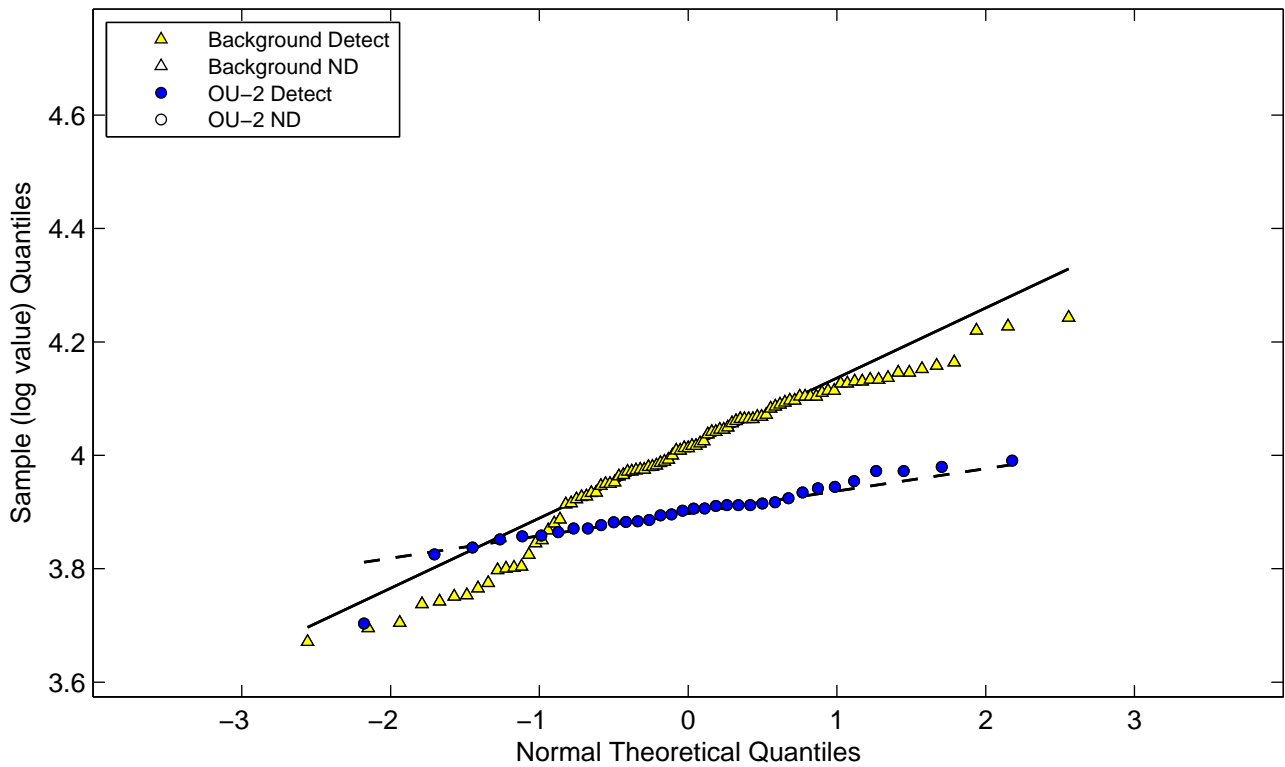
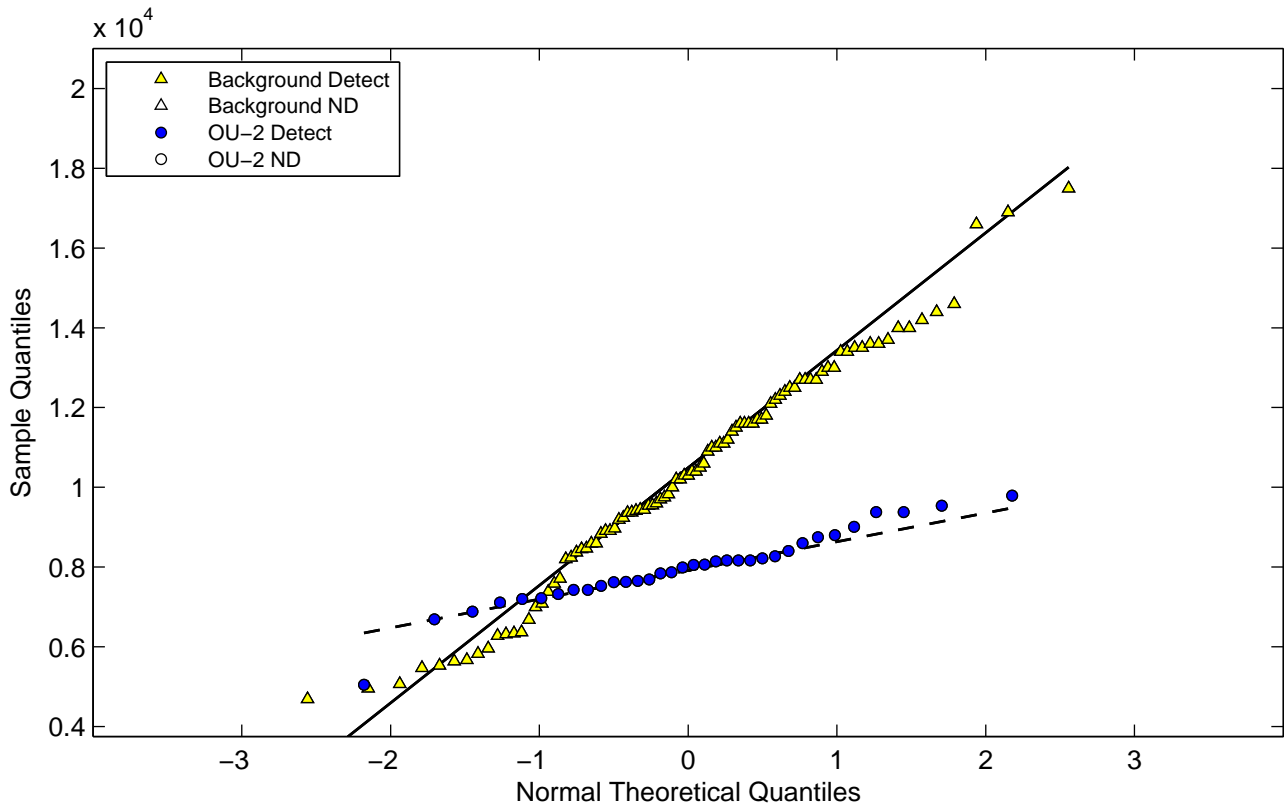


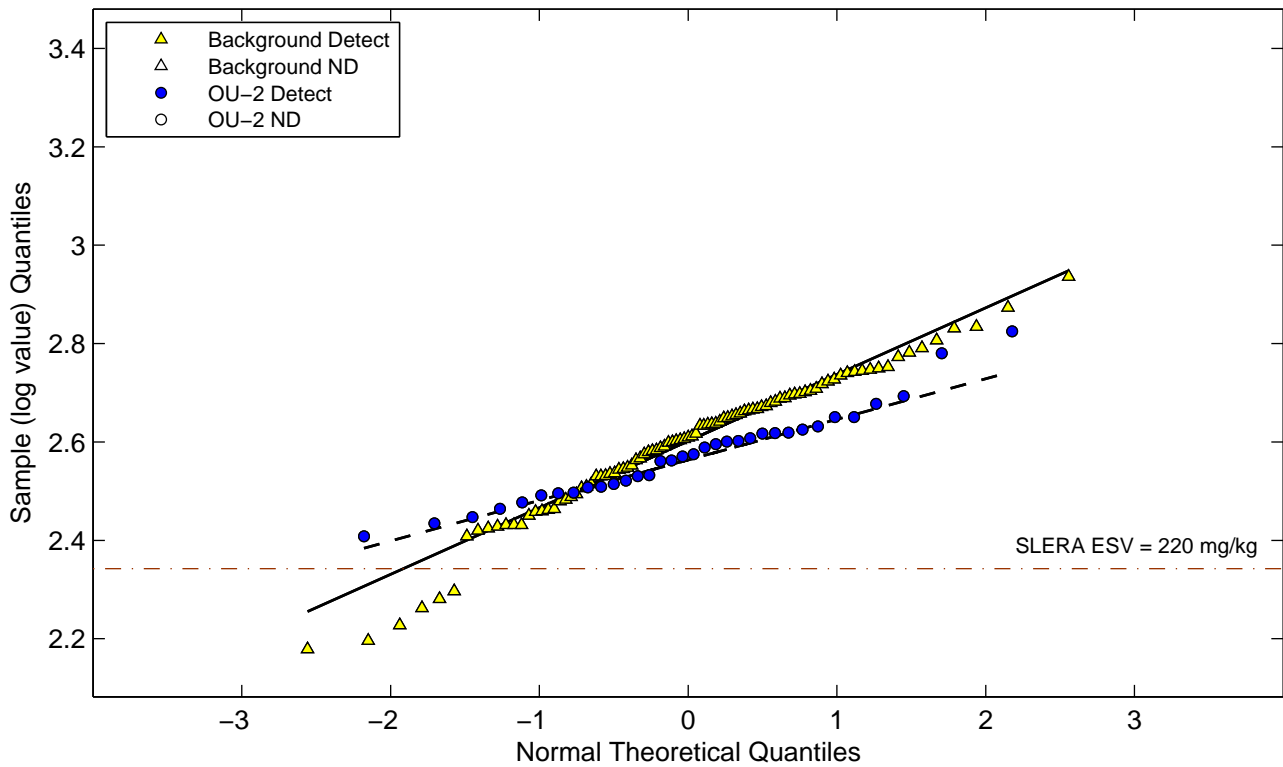
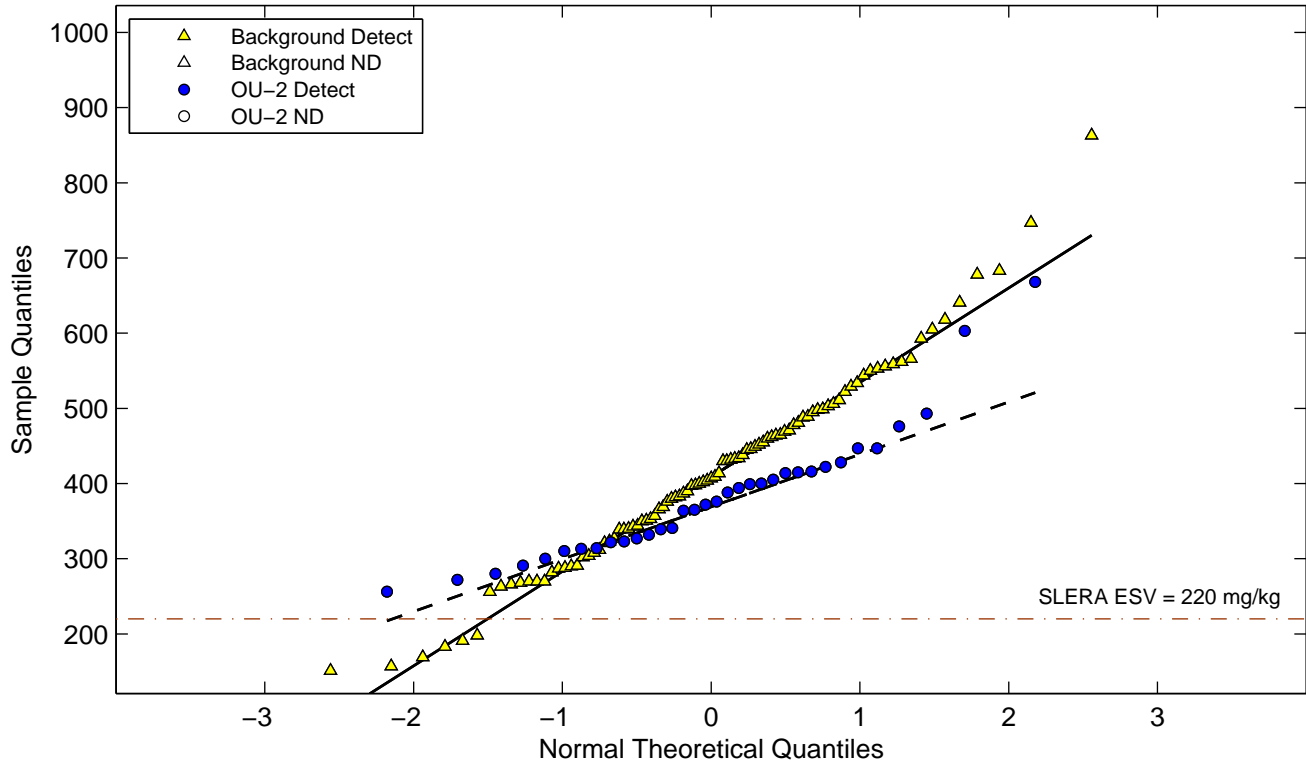
Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Lithium



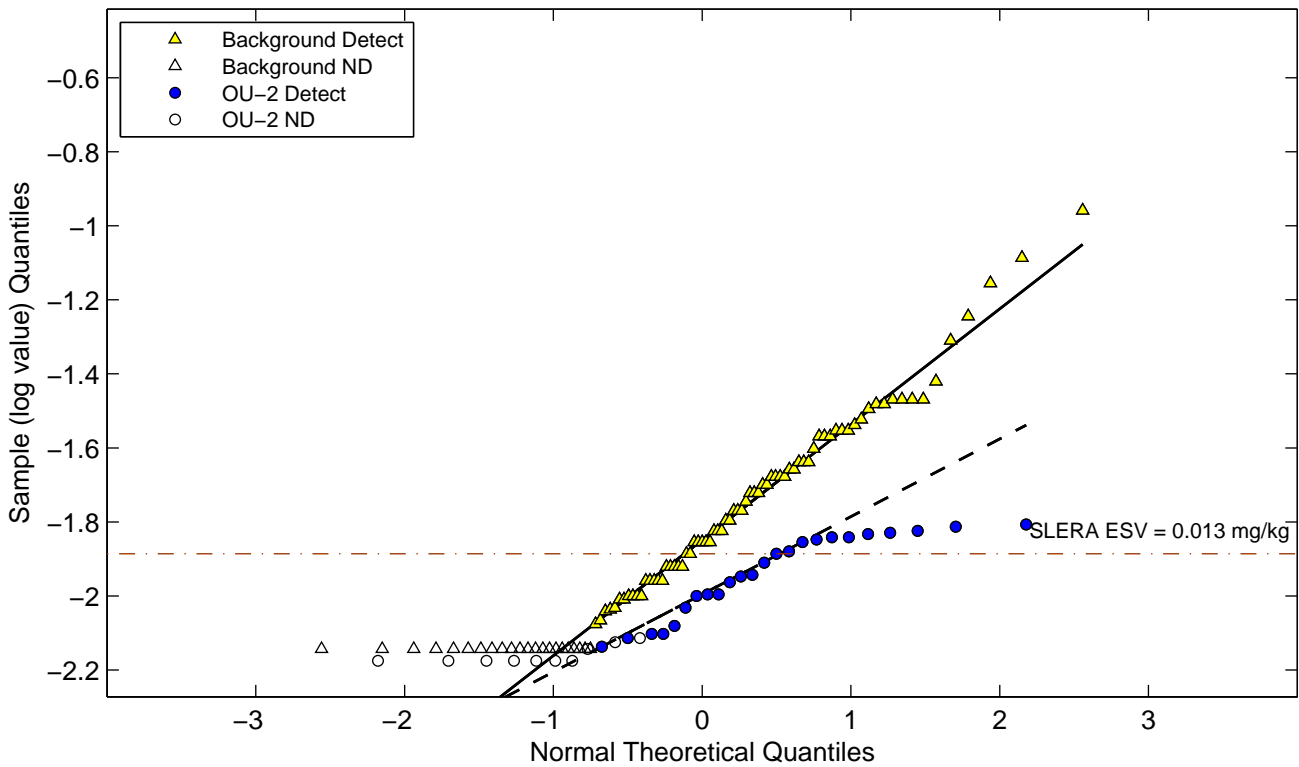
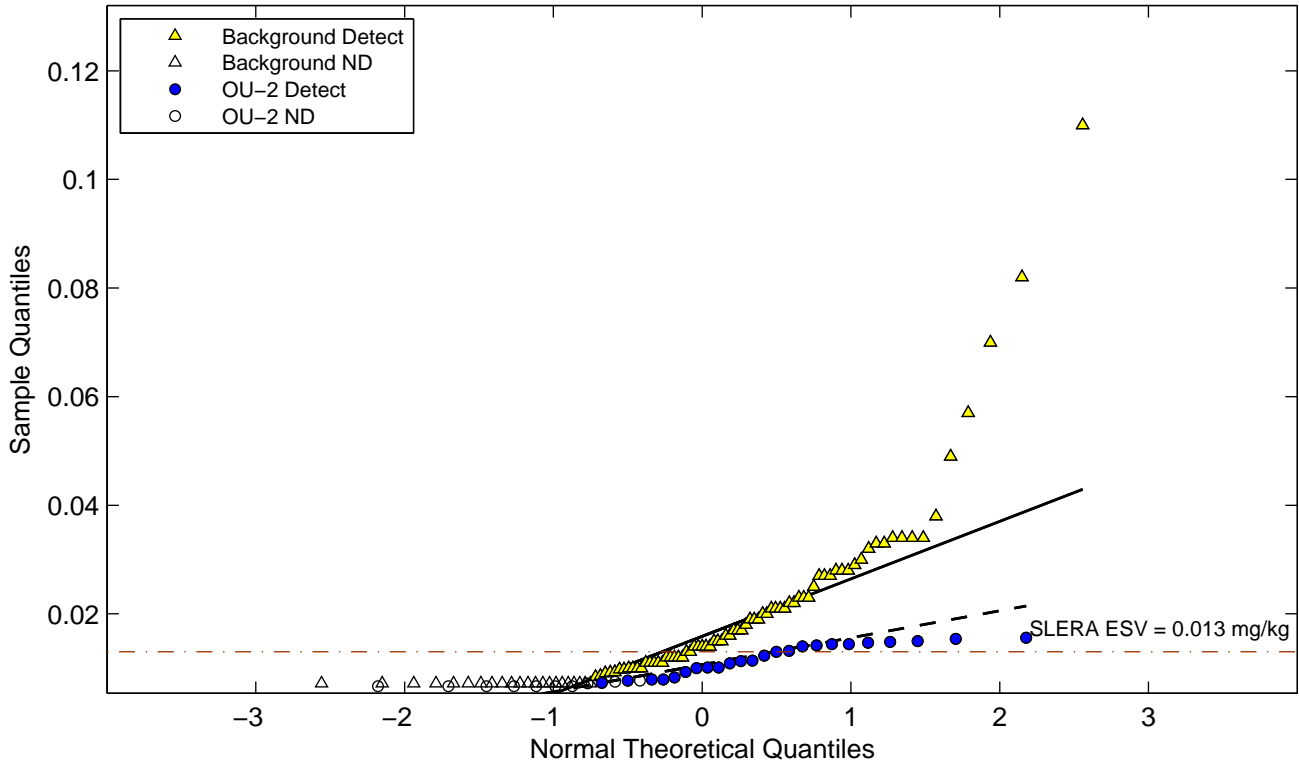
**Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Magnesium**



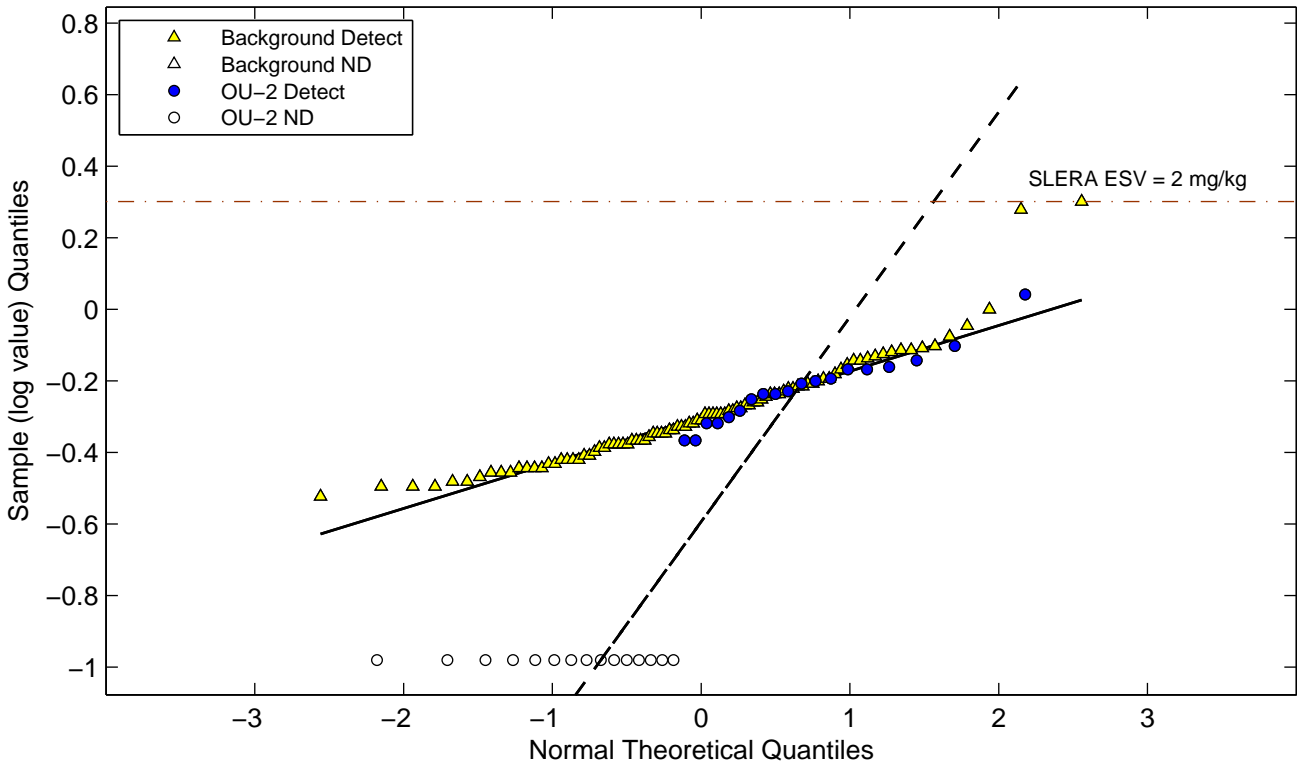
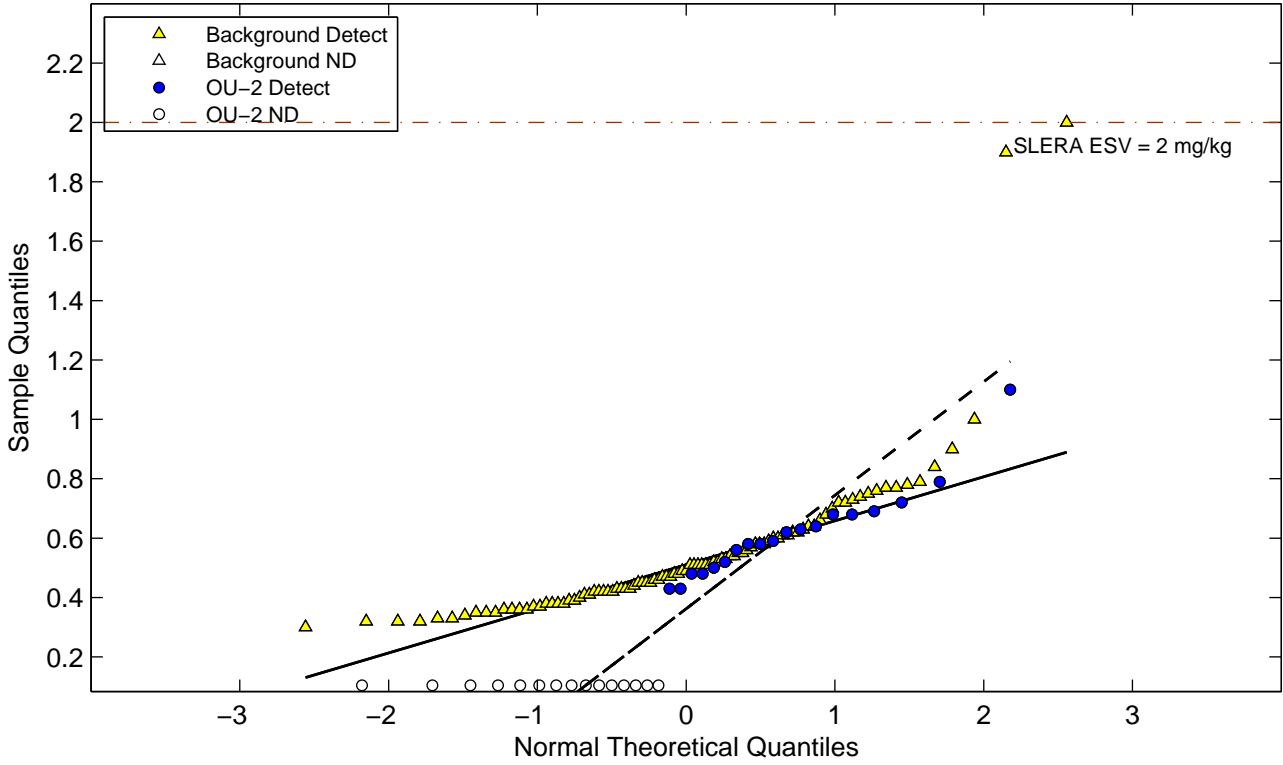
**Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Manganese**



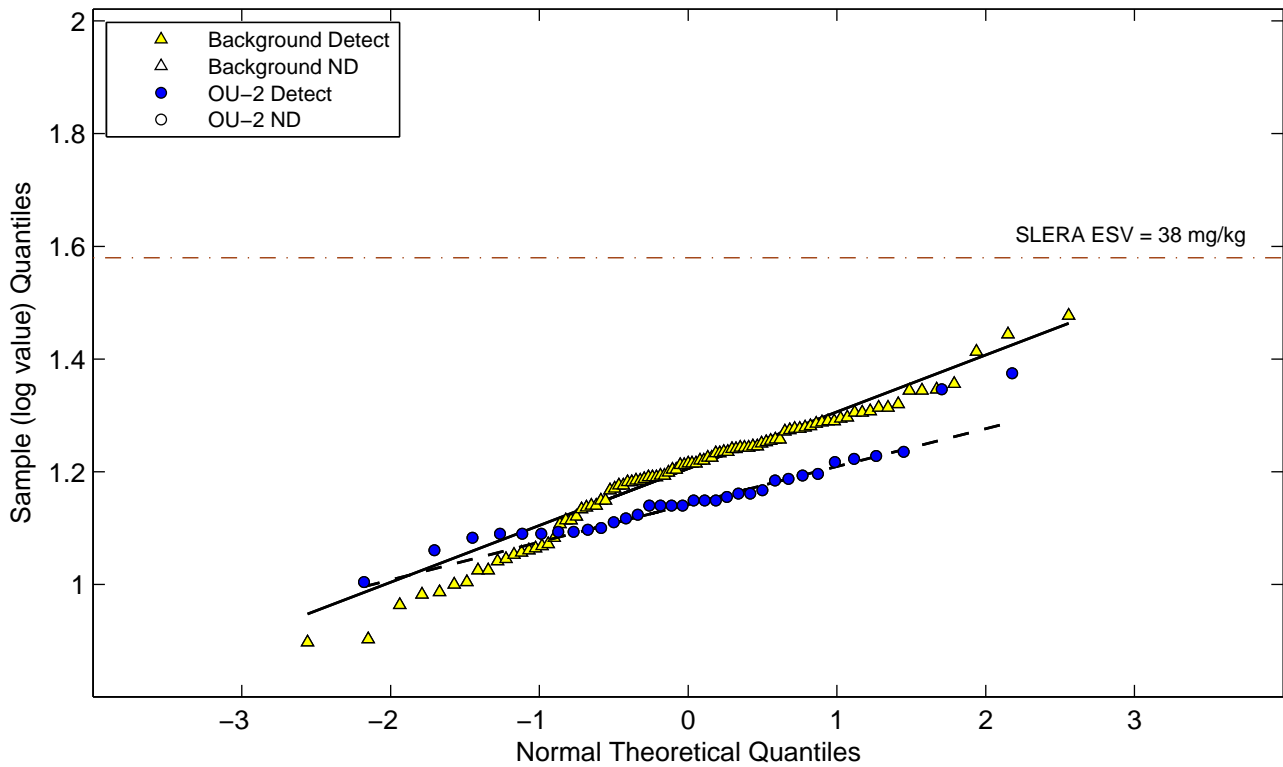
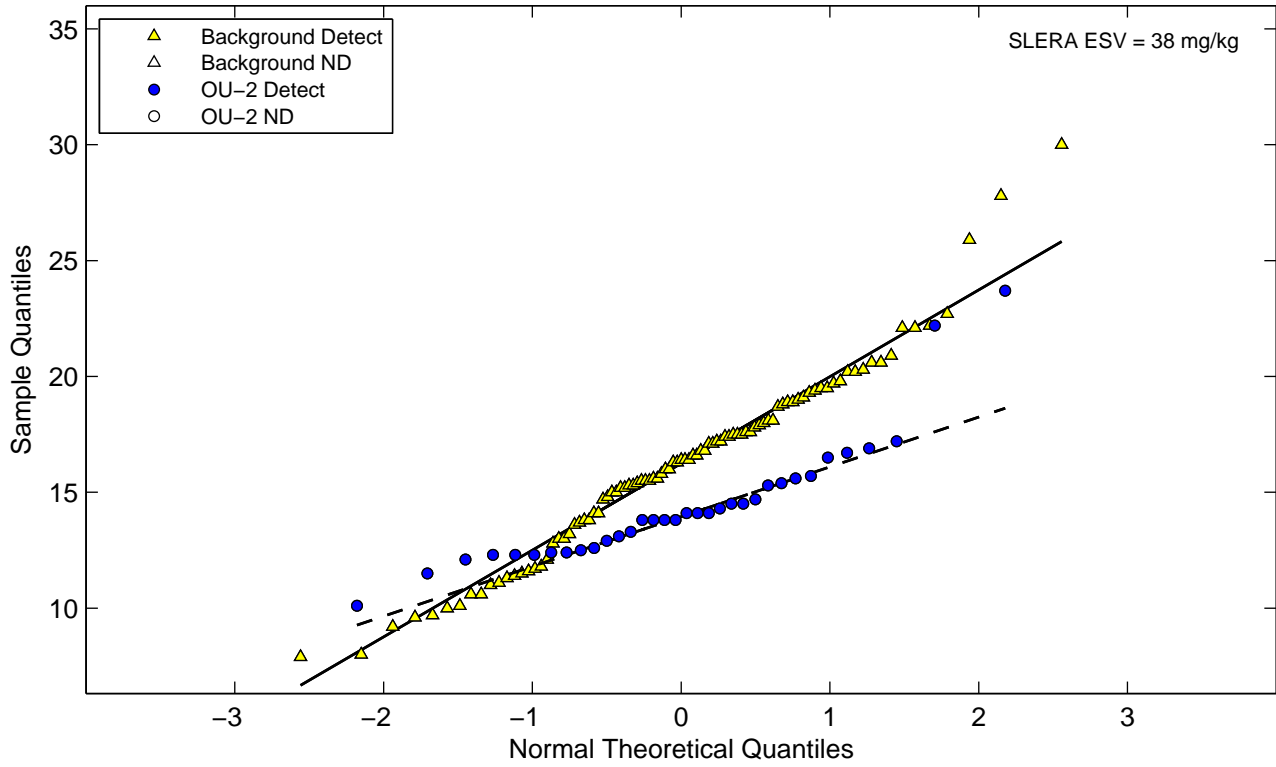
**Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Mercury**



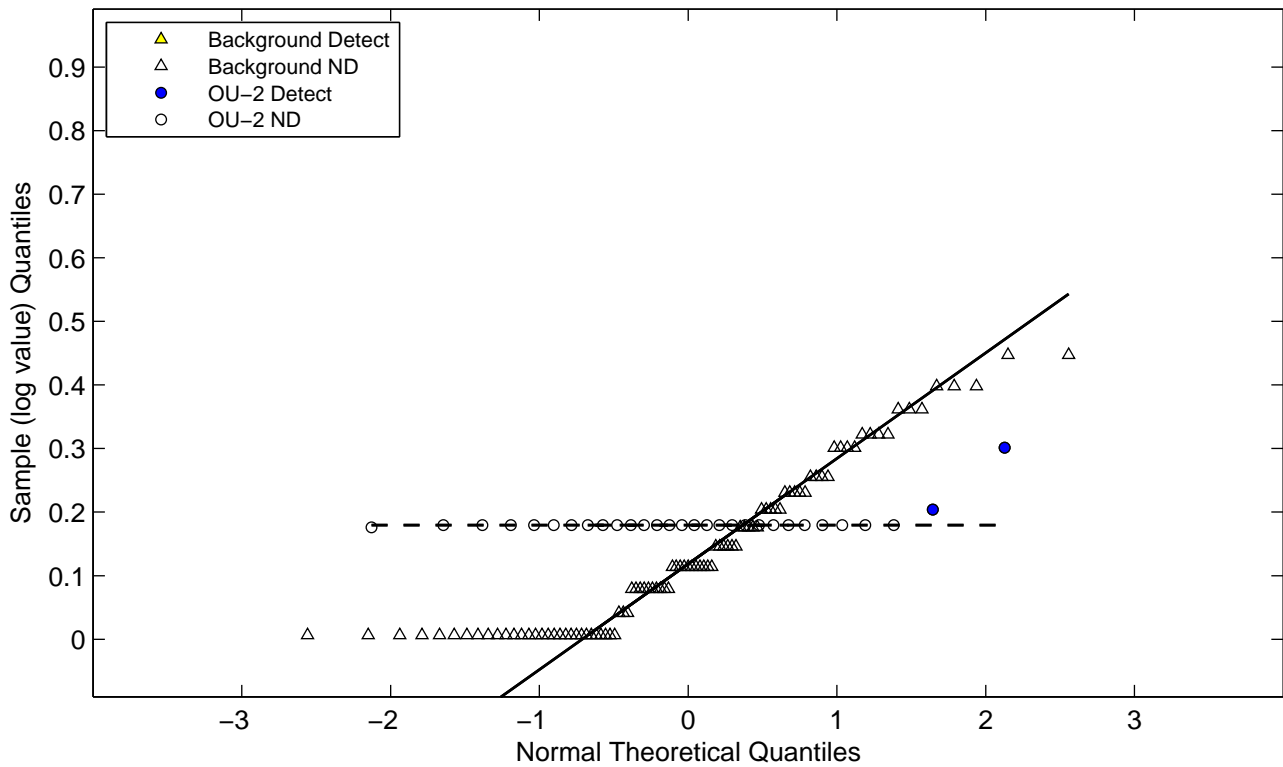
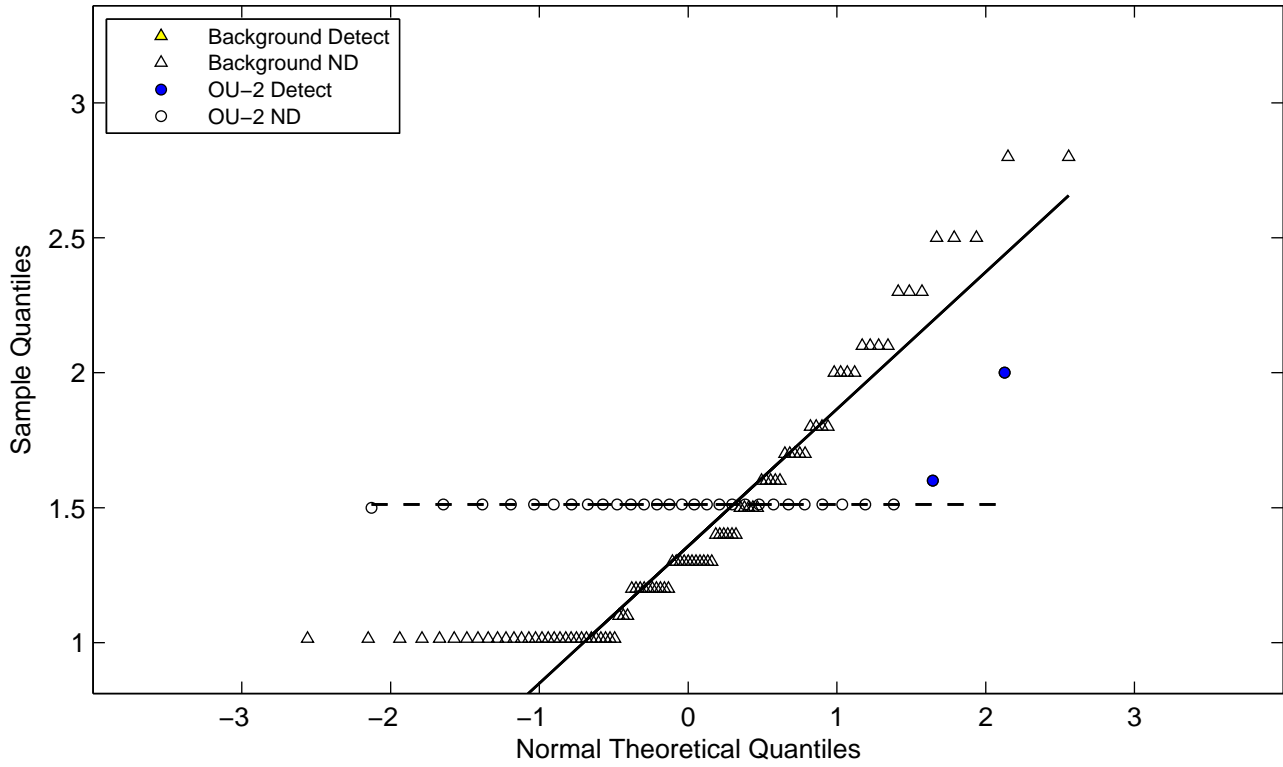
**Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Molybdenum**



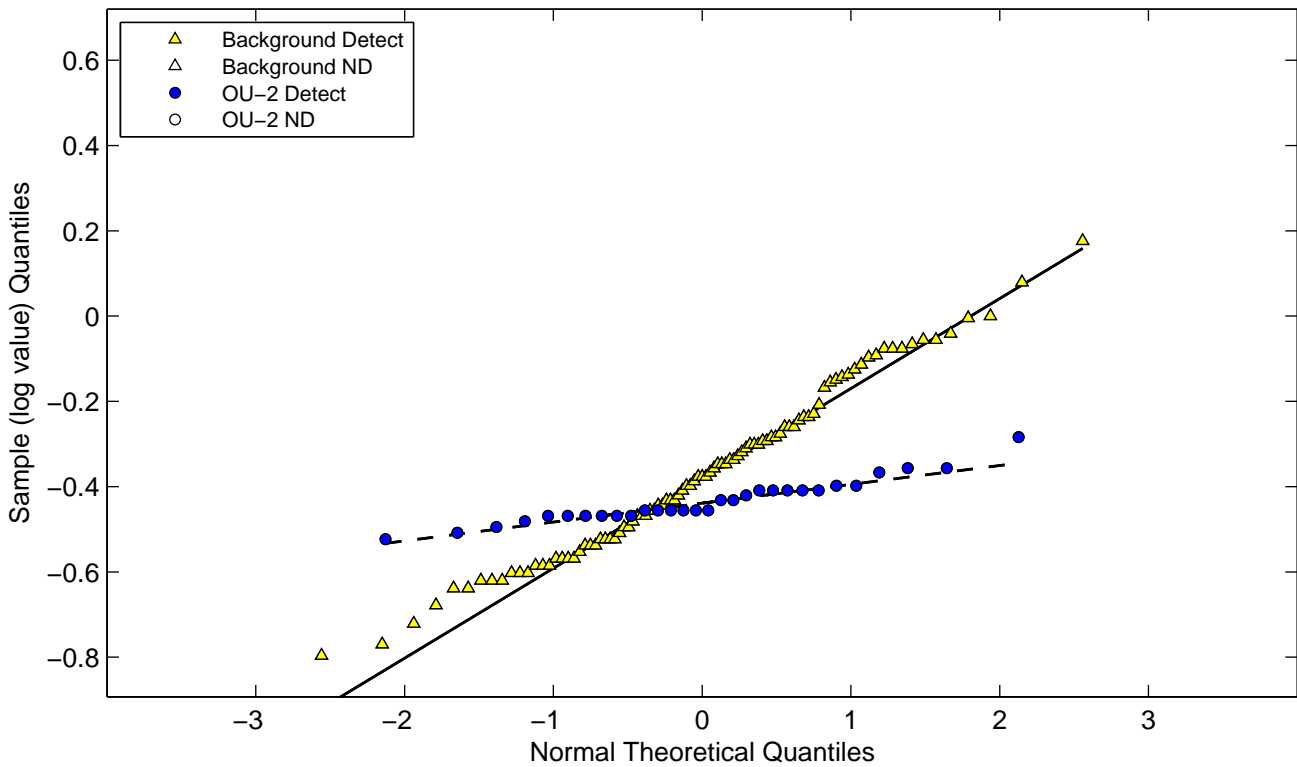
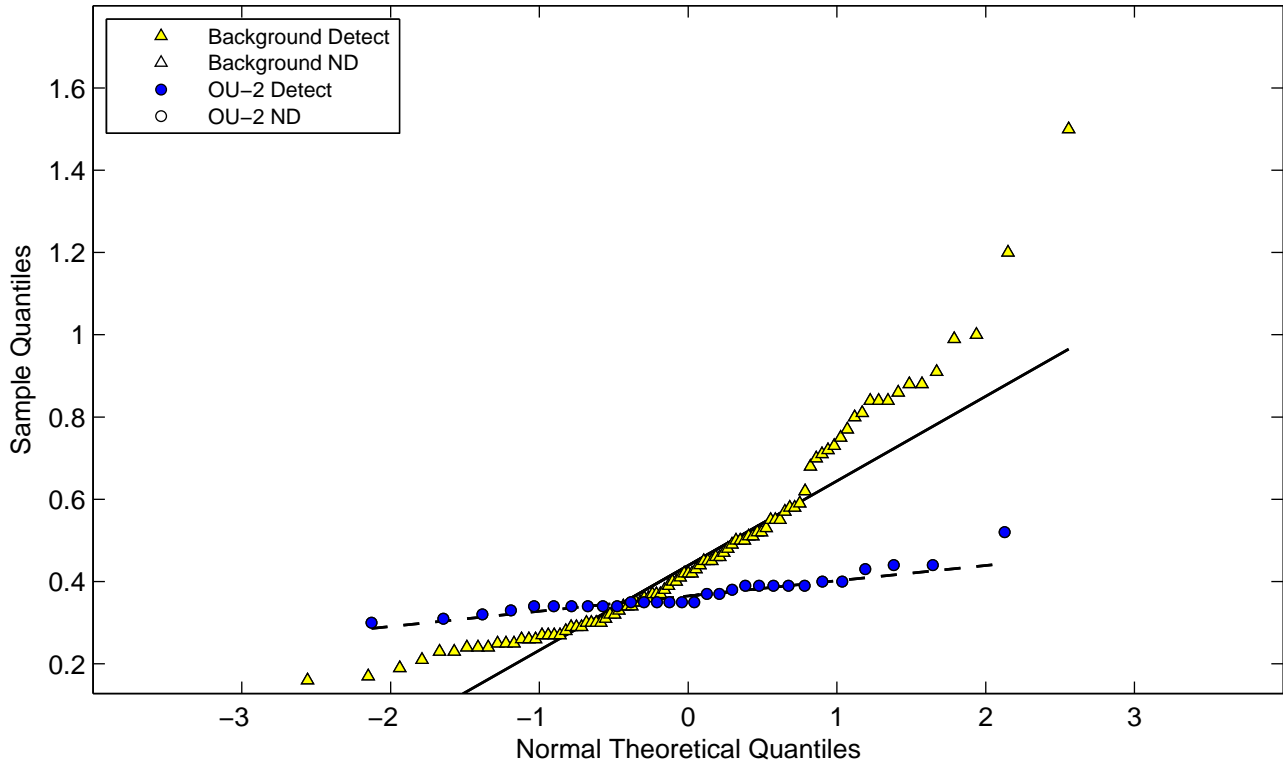
**Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Nickel**



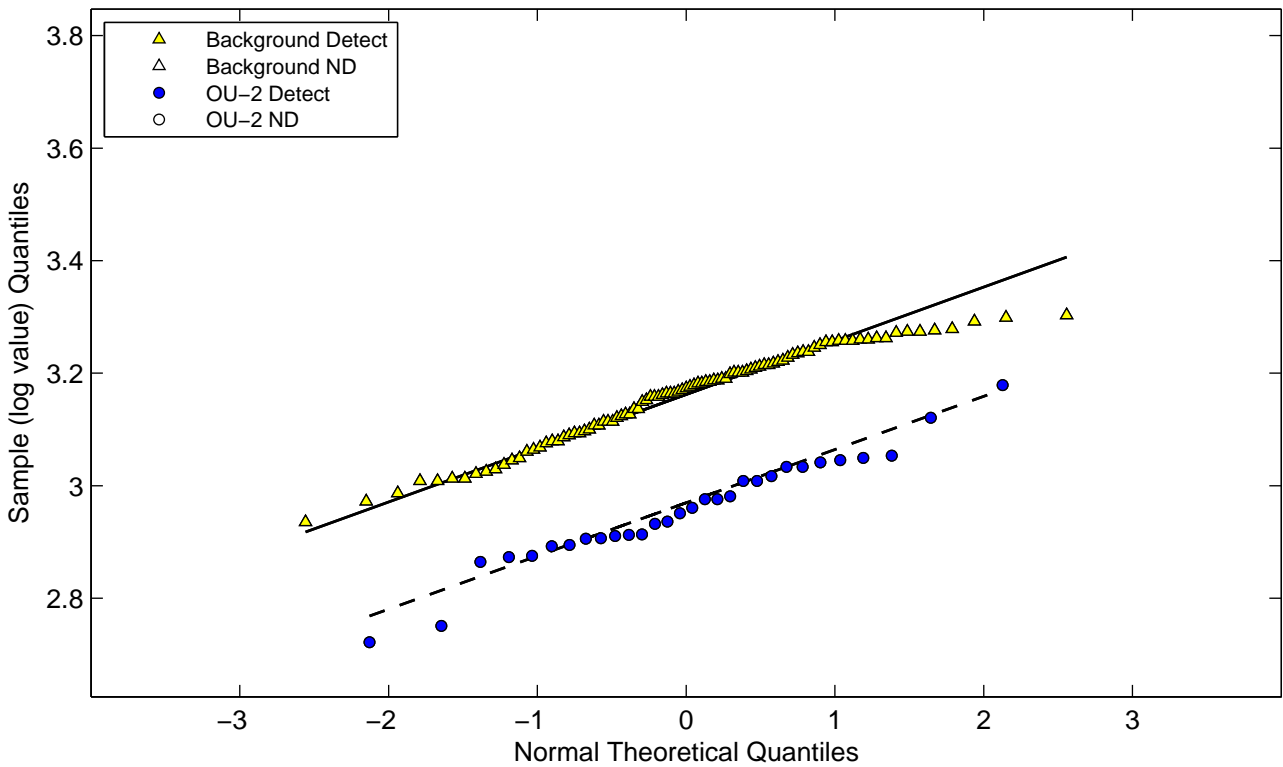
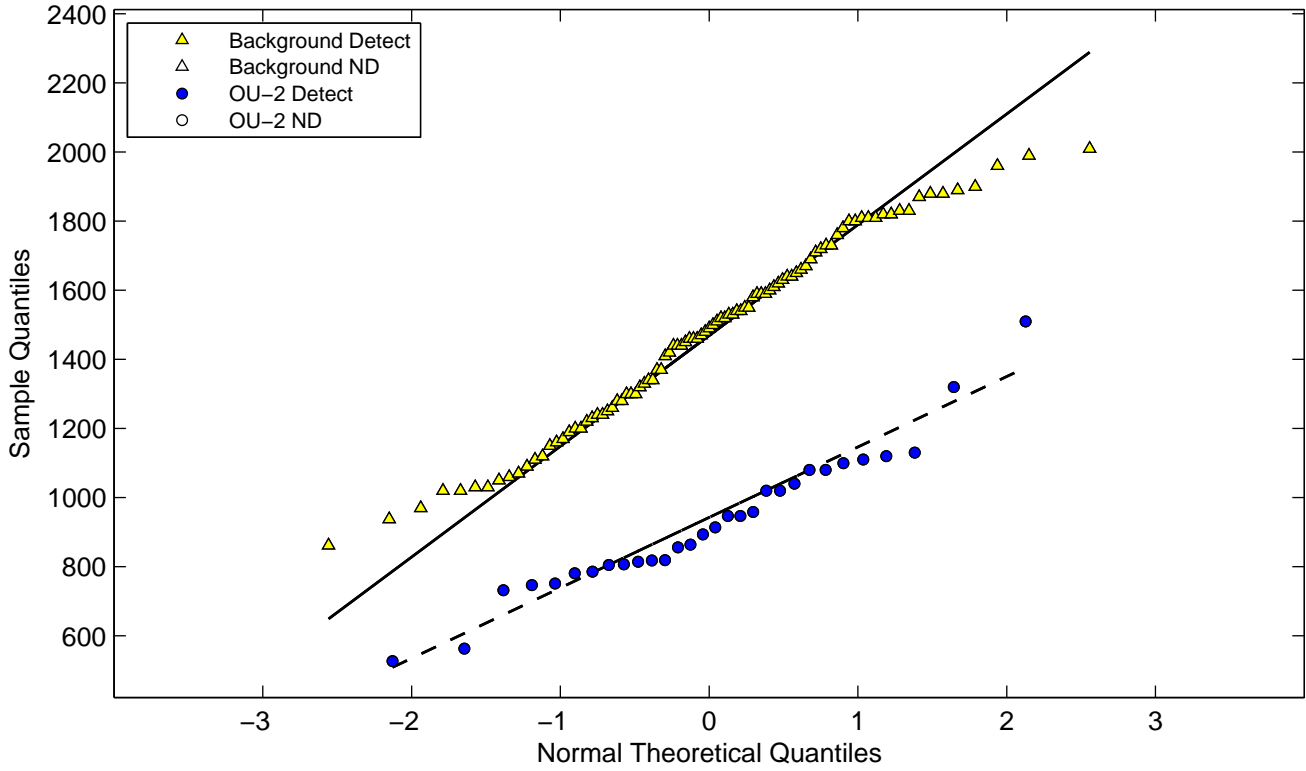
**Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Niobium**



**Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Palladium**



**Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Phosphorus (total)**



**Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Platinum**

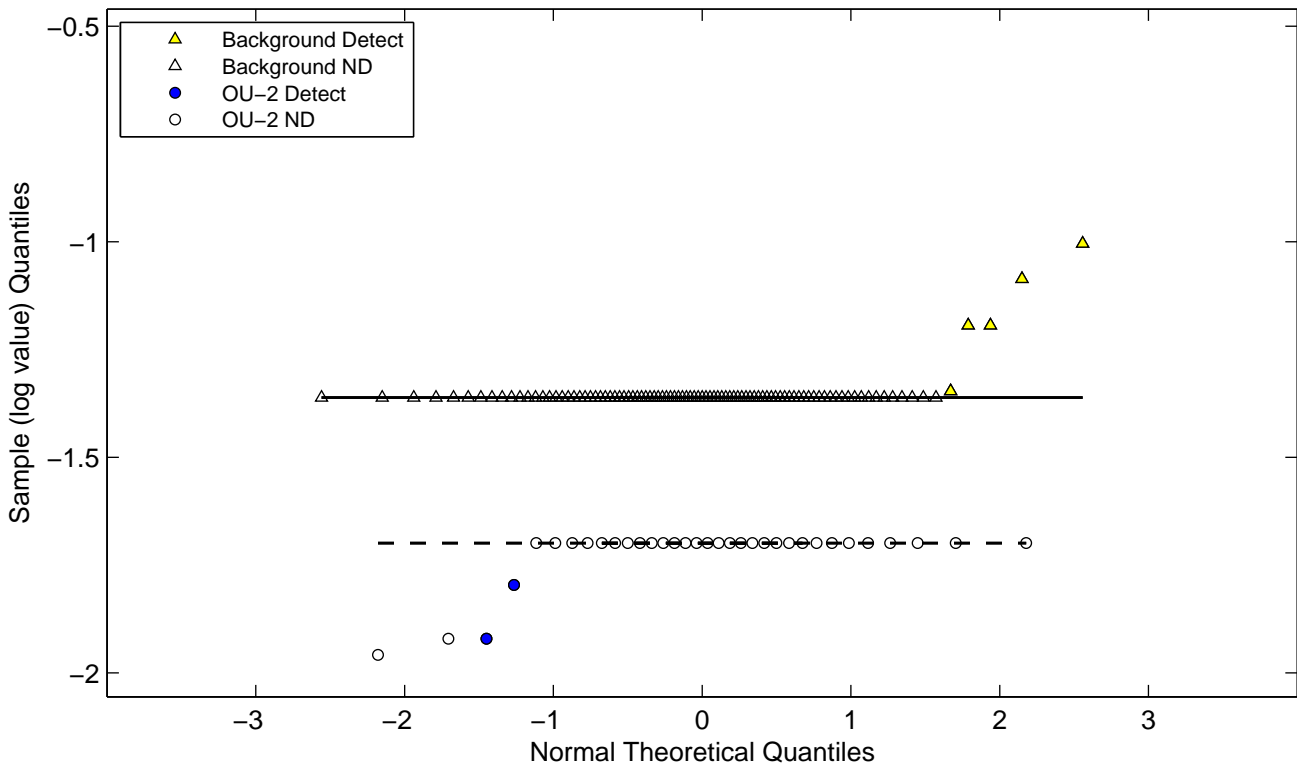
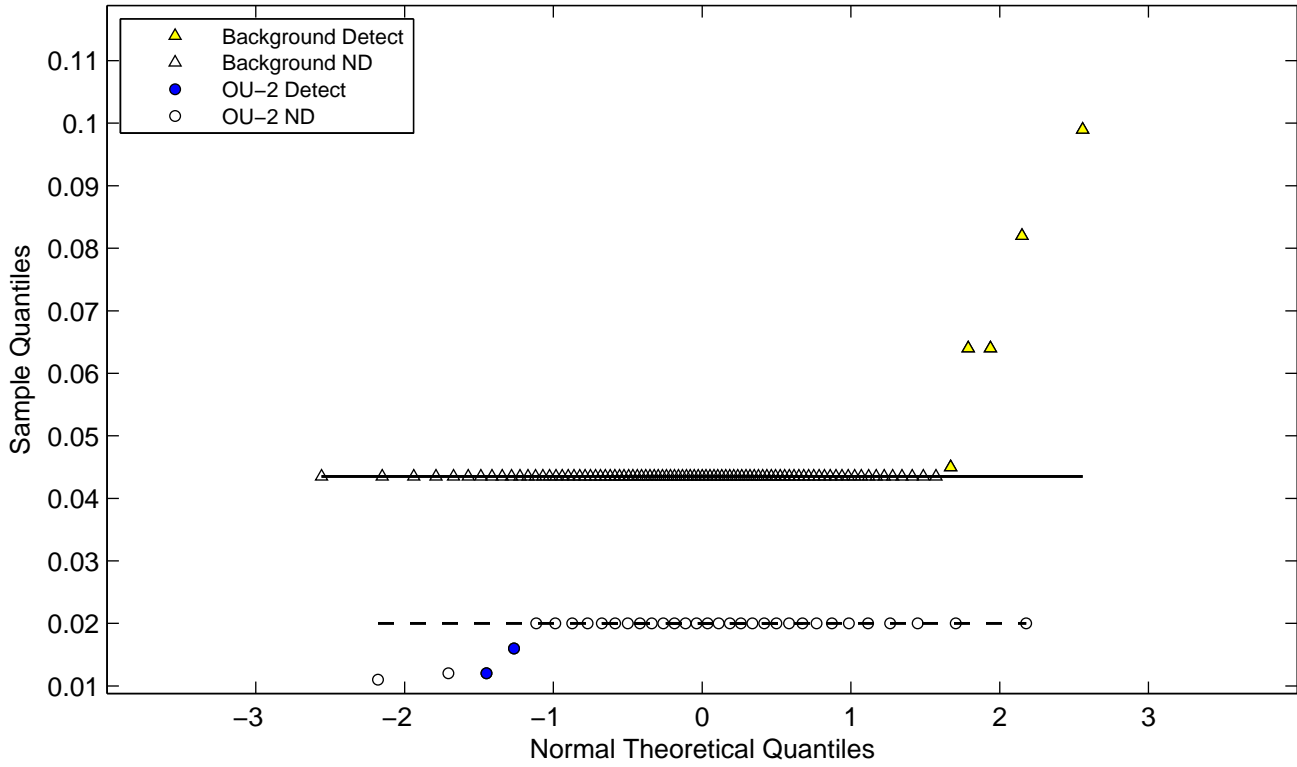
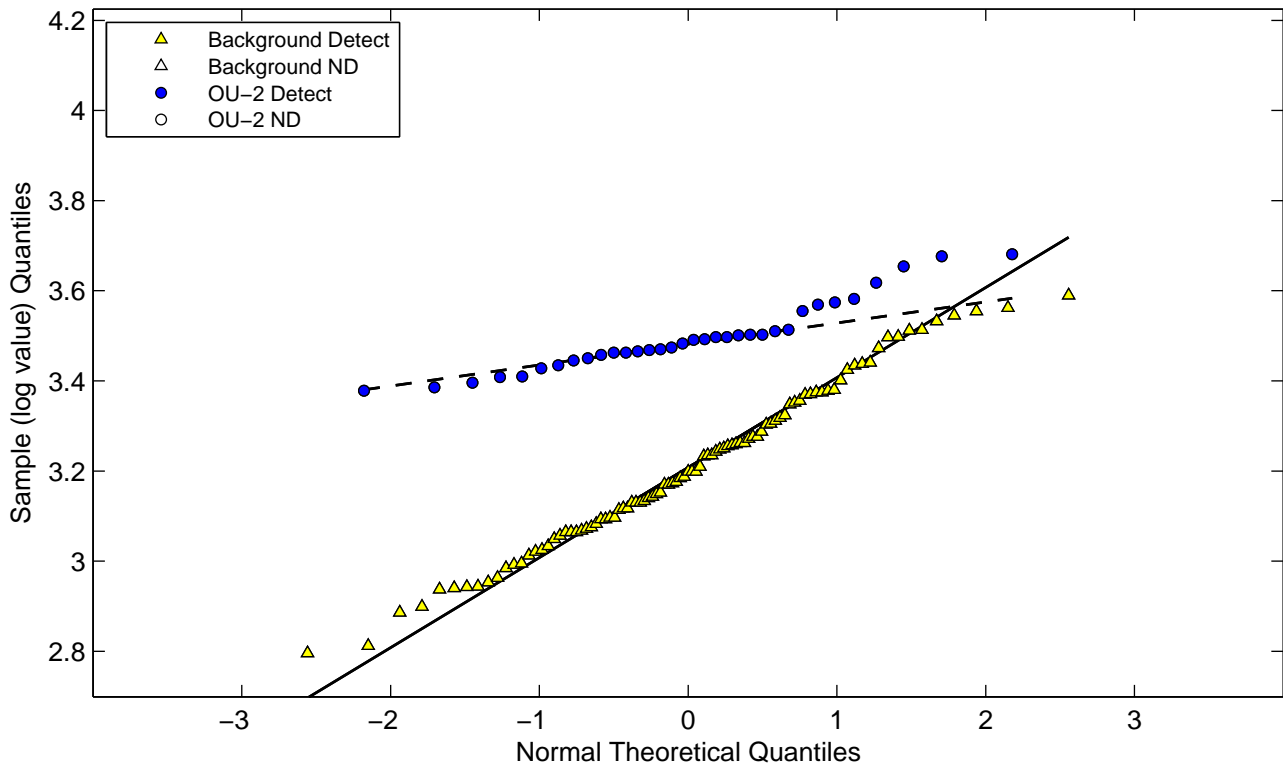
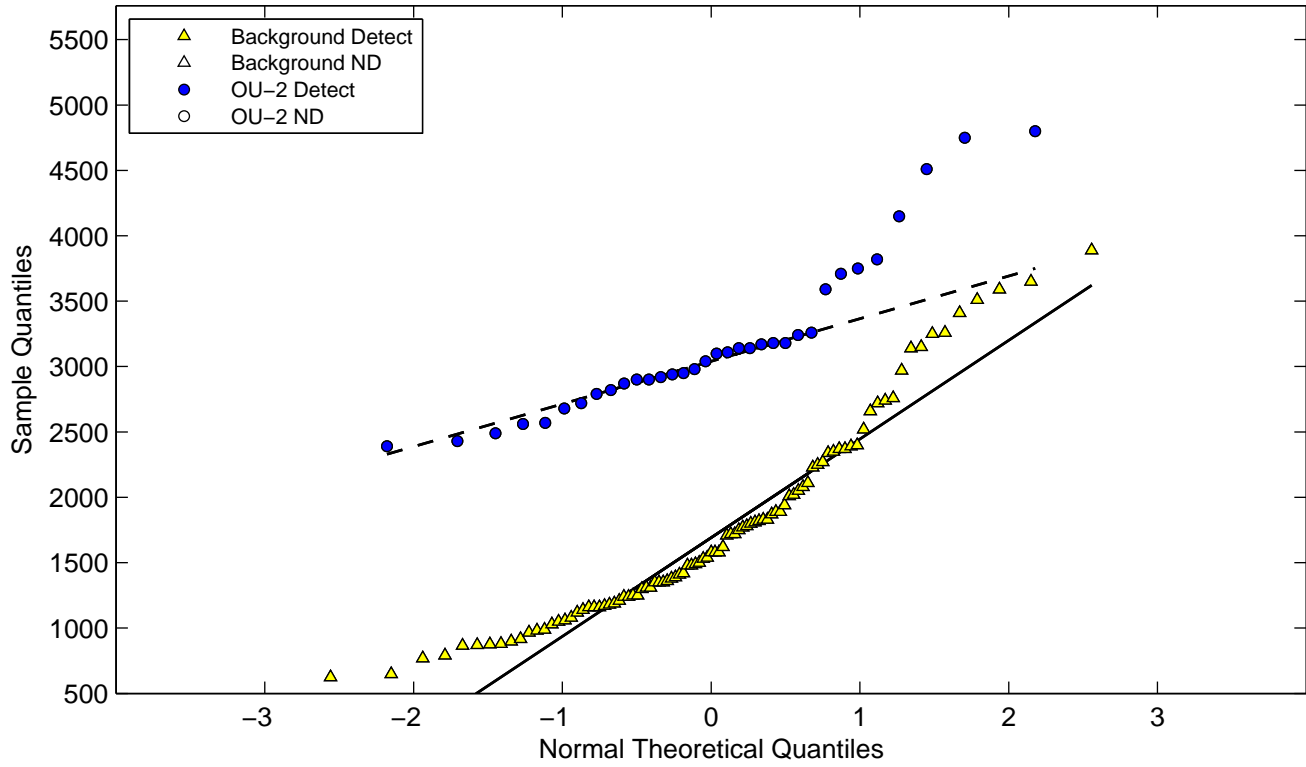


Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Potassium



**Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Selenium**

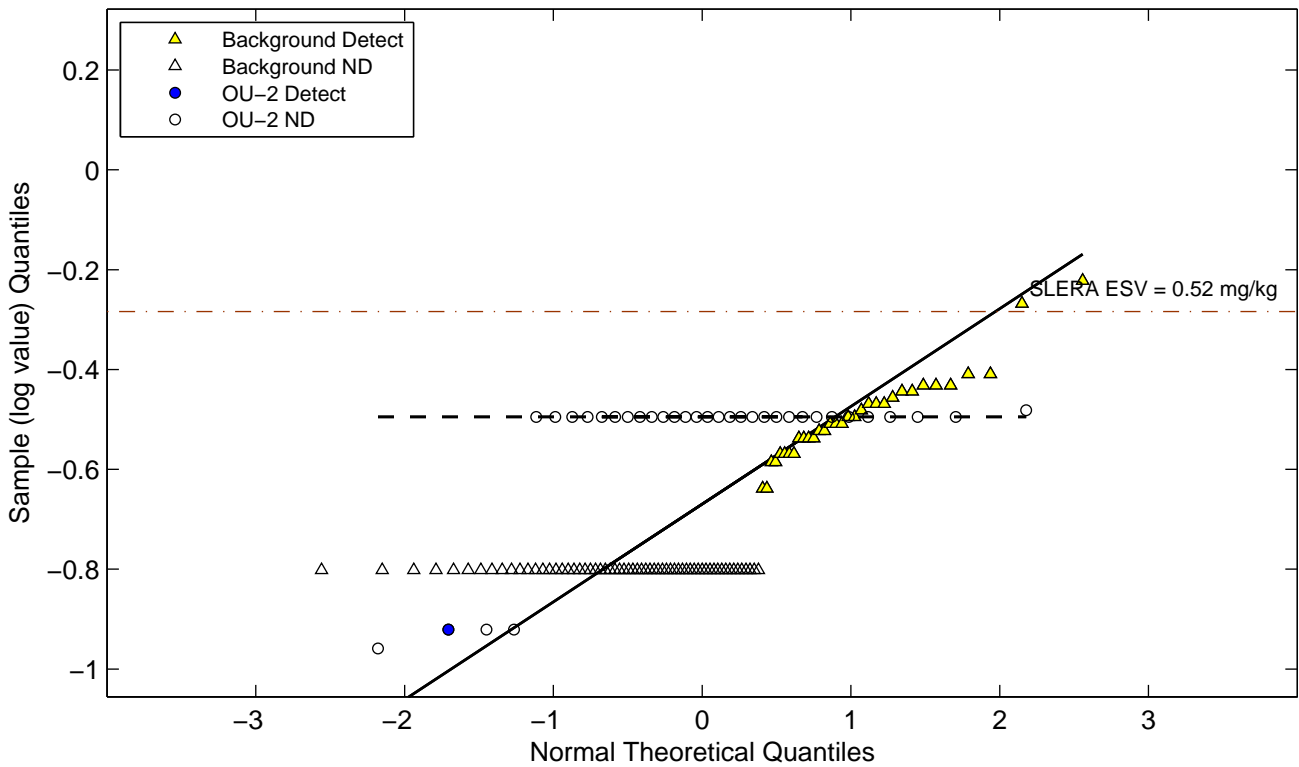
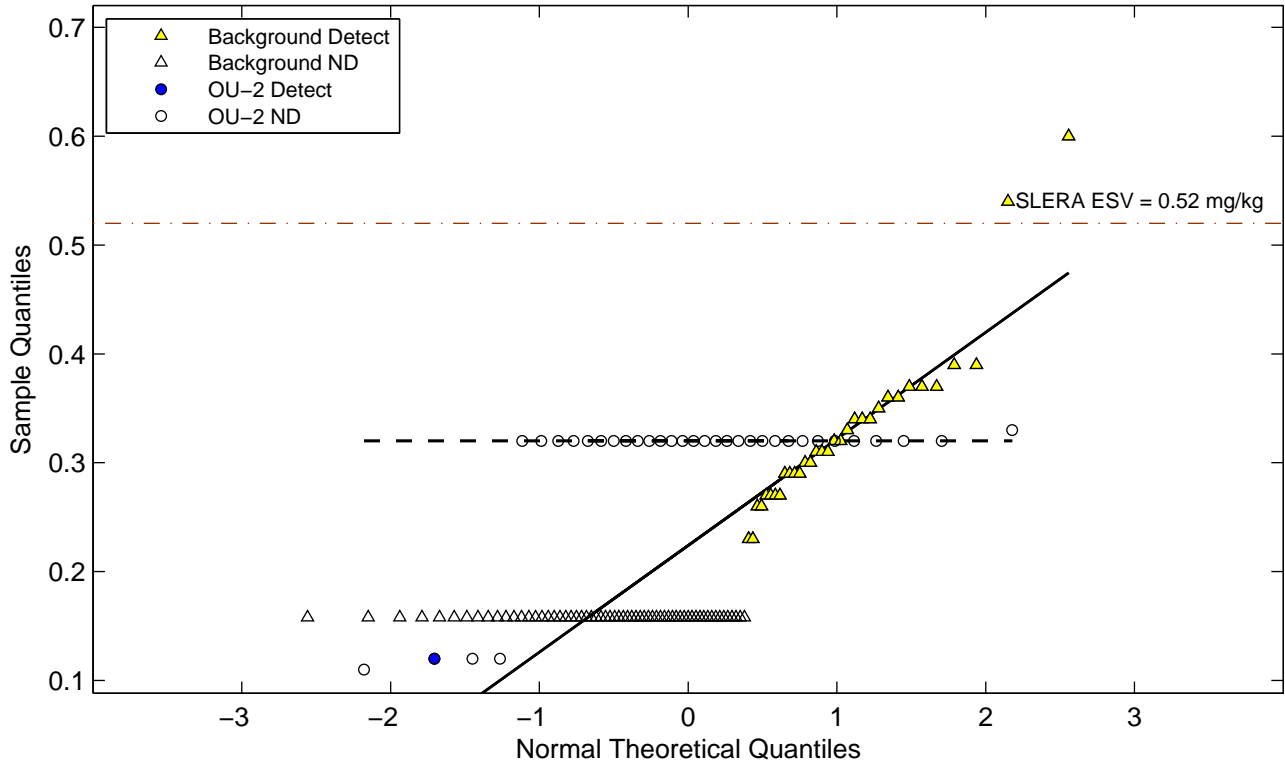


Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Silicon

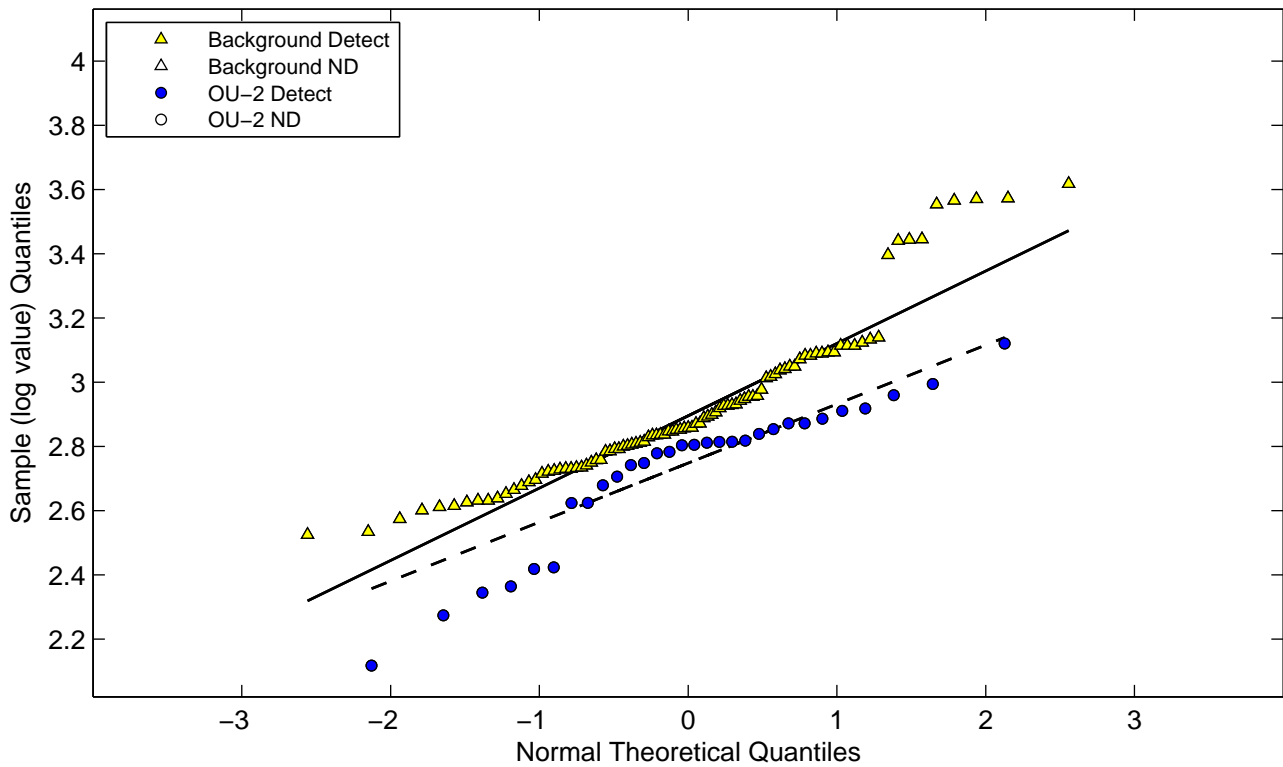
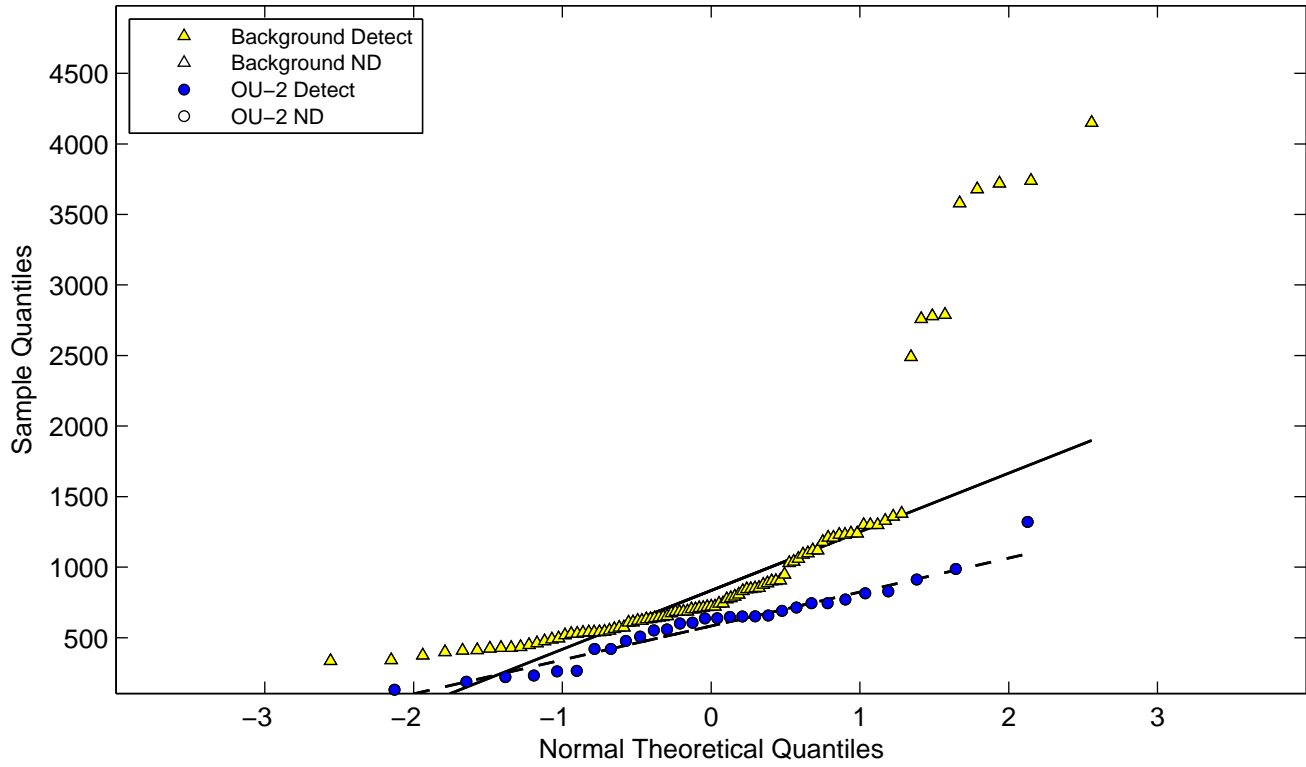


Figure C-5c. Normal and Lognormal Q-Q Plots for Metals Silver

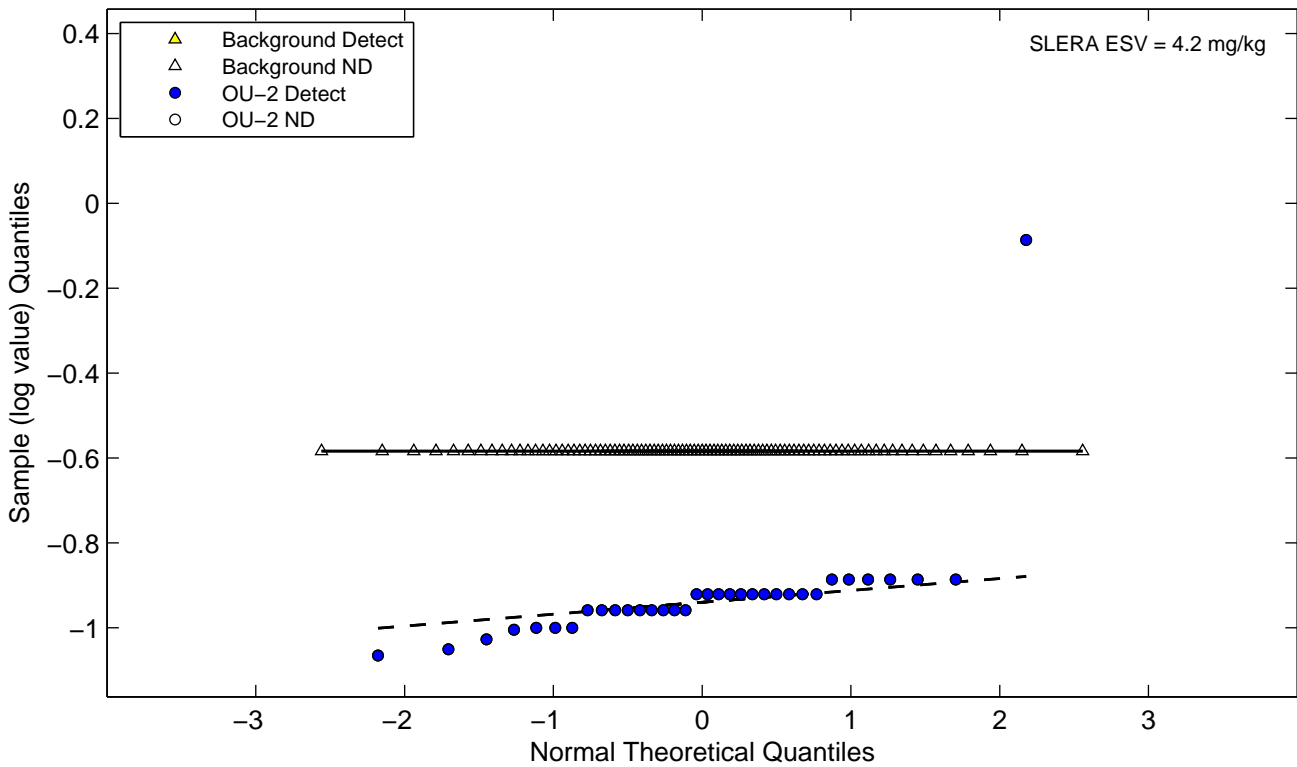
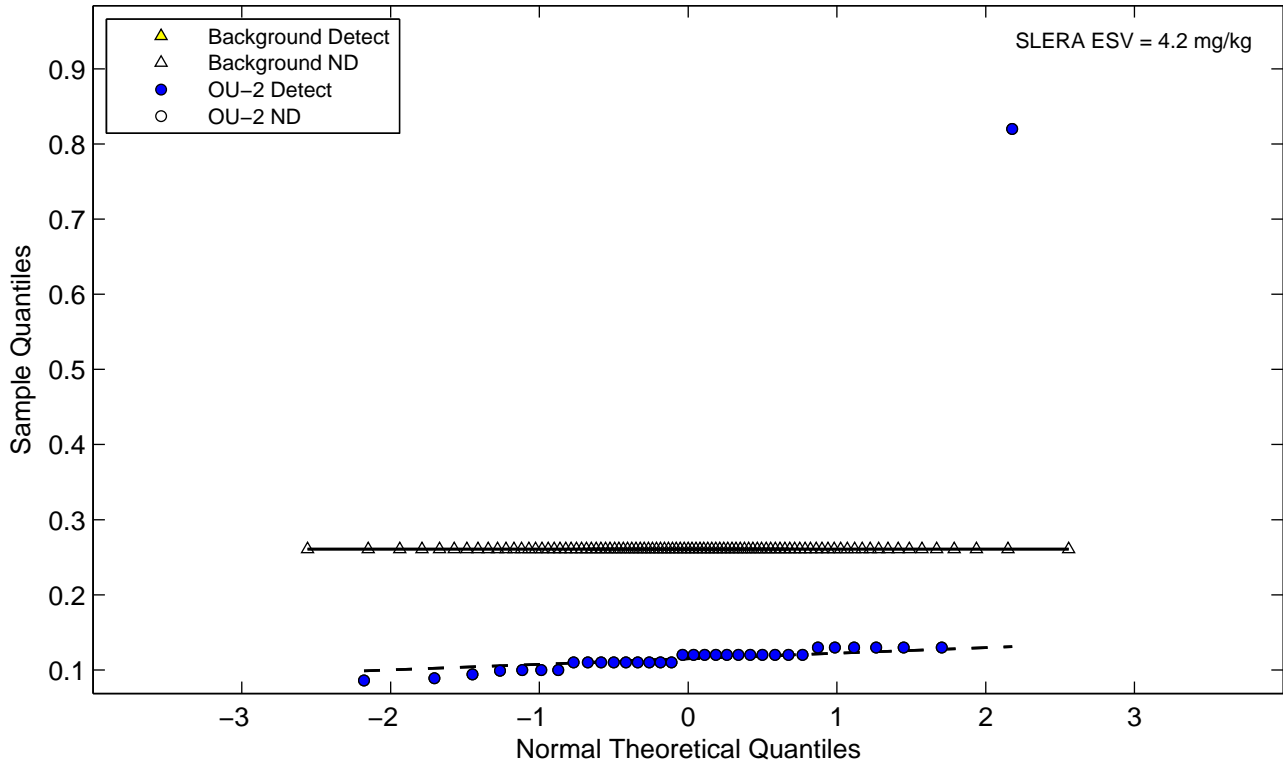
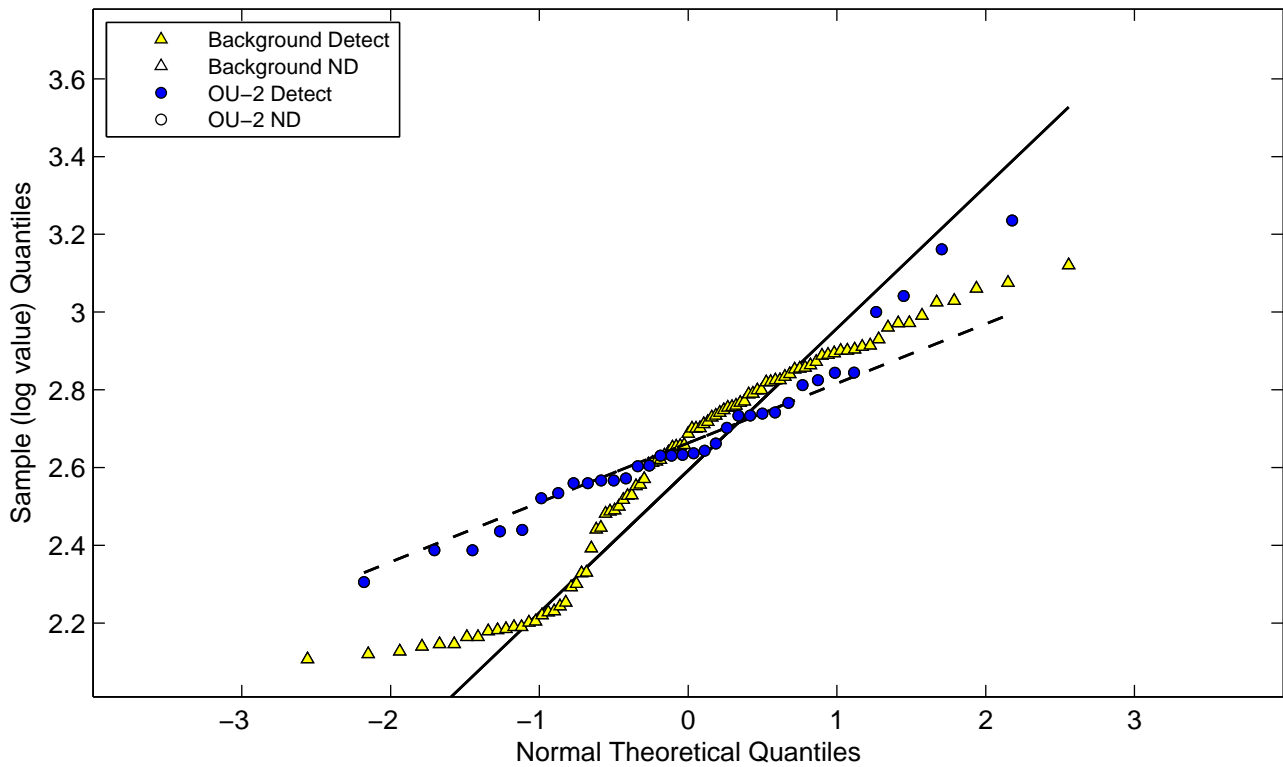
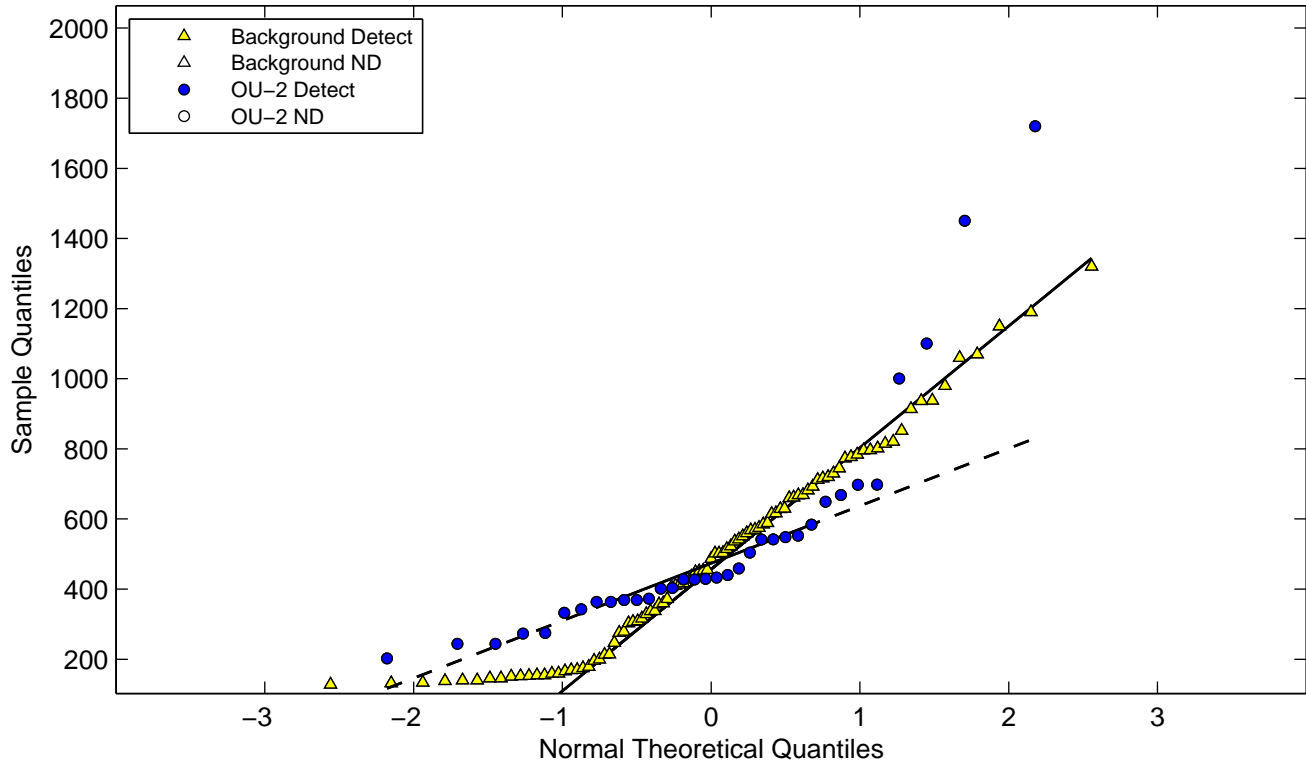


Figure C-5c. Normal and Lognormal Q-Q Plots for Metals Sodium



**Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Strontium**

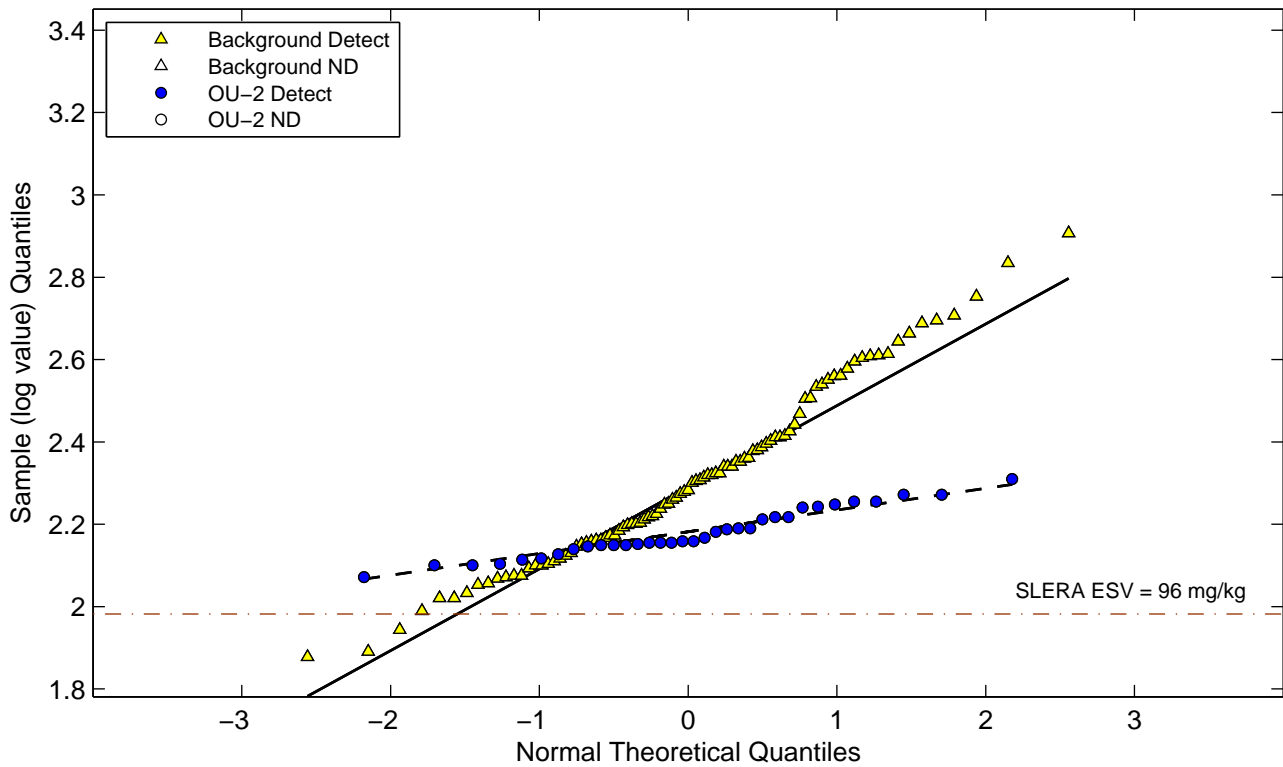
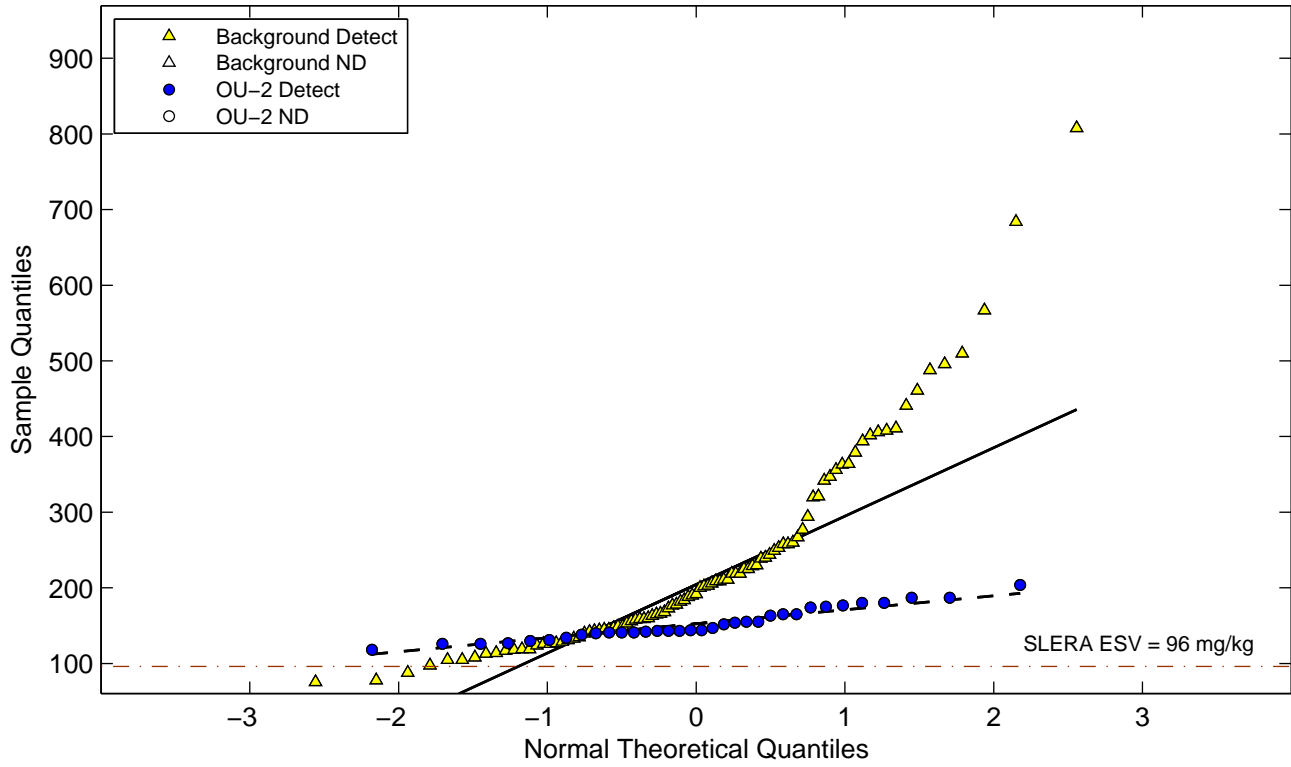


Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Thallium

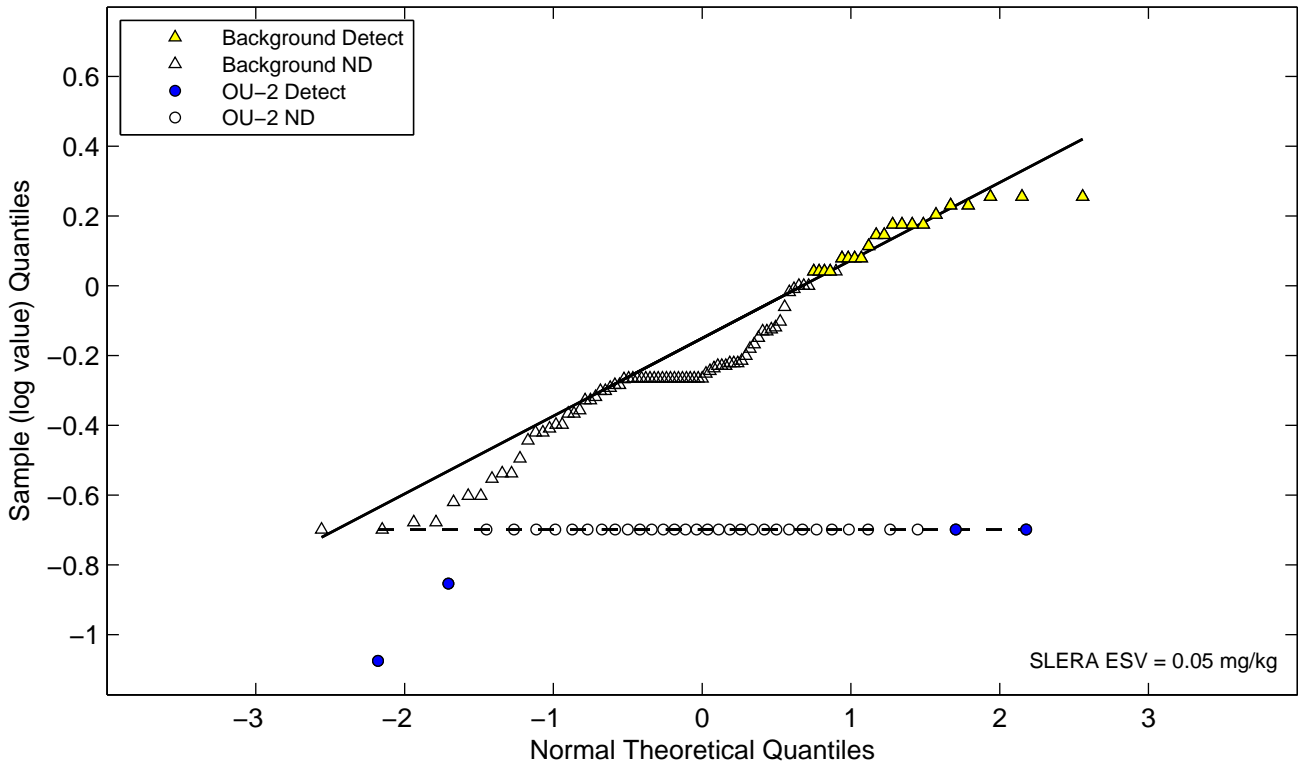
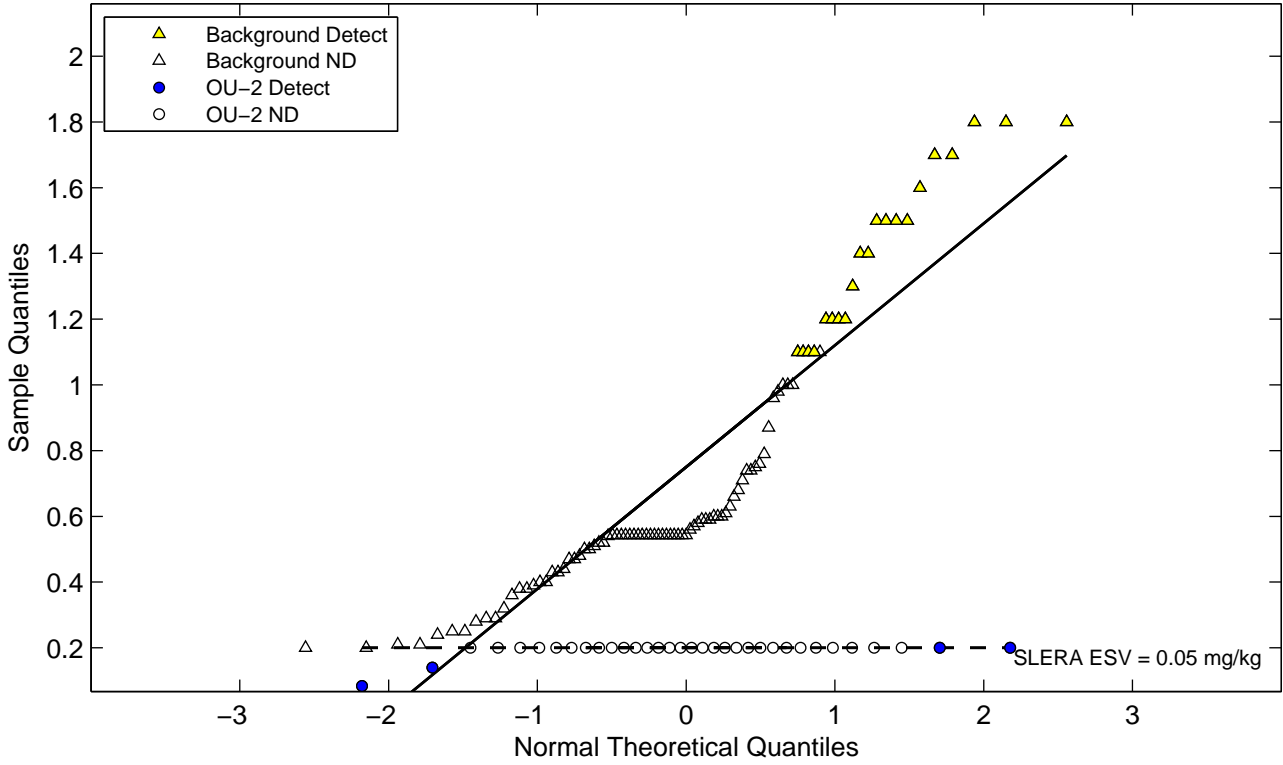
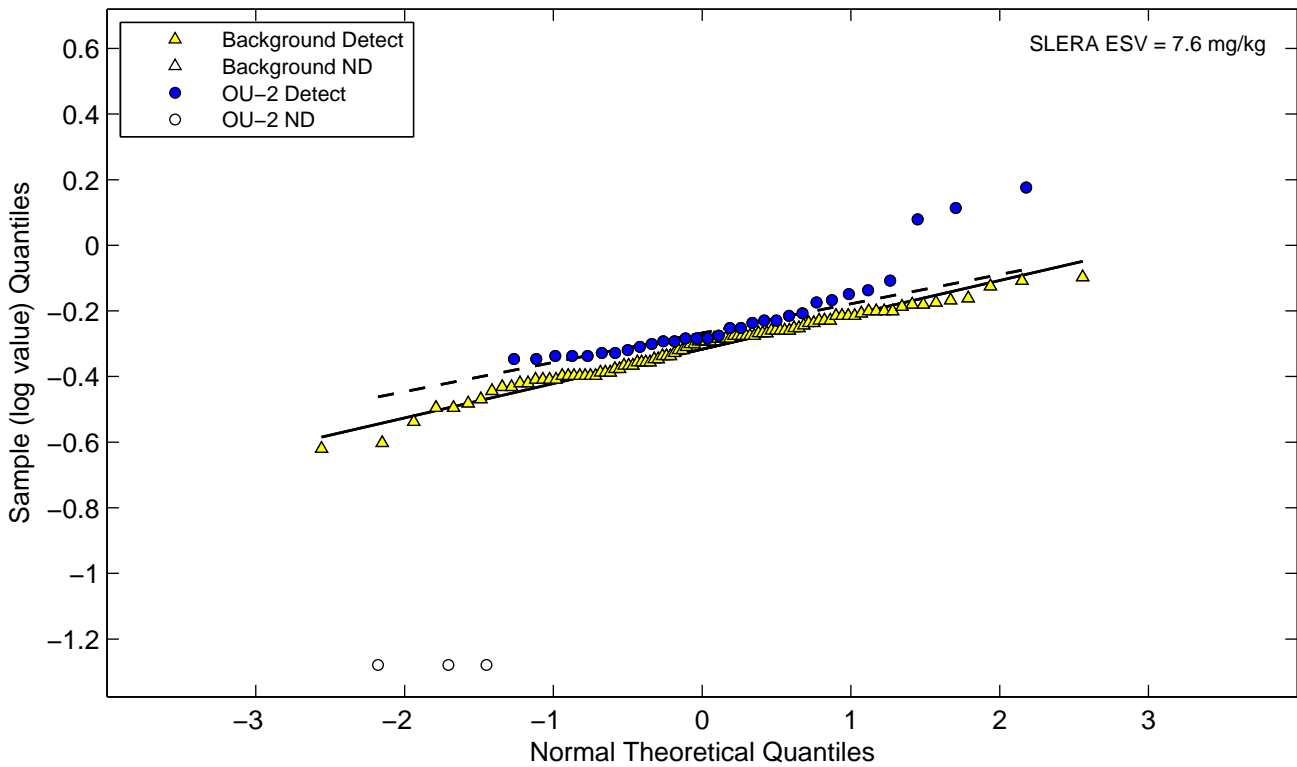
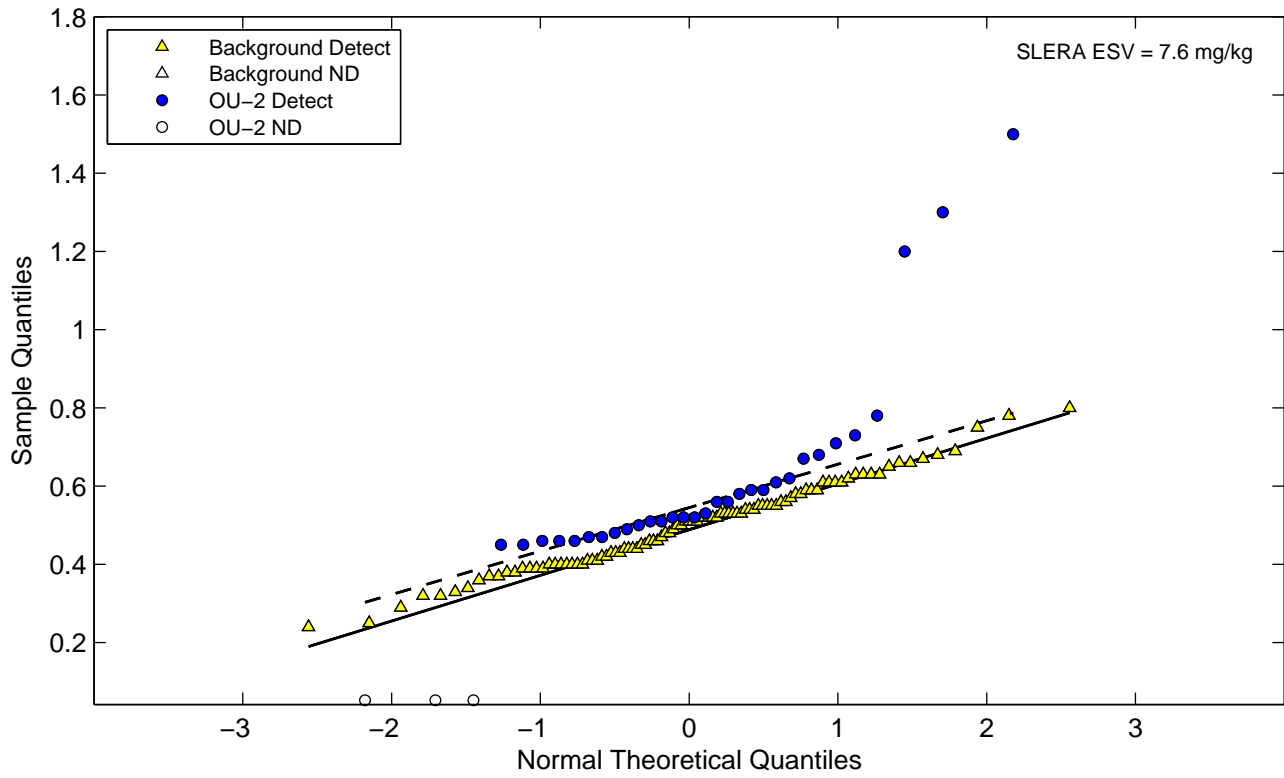


Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Tin



**Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Titanium**

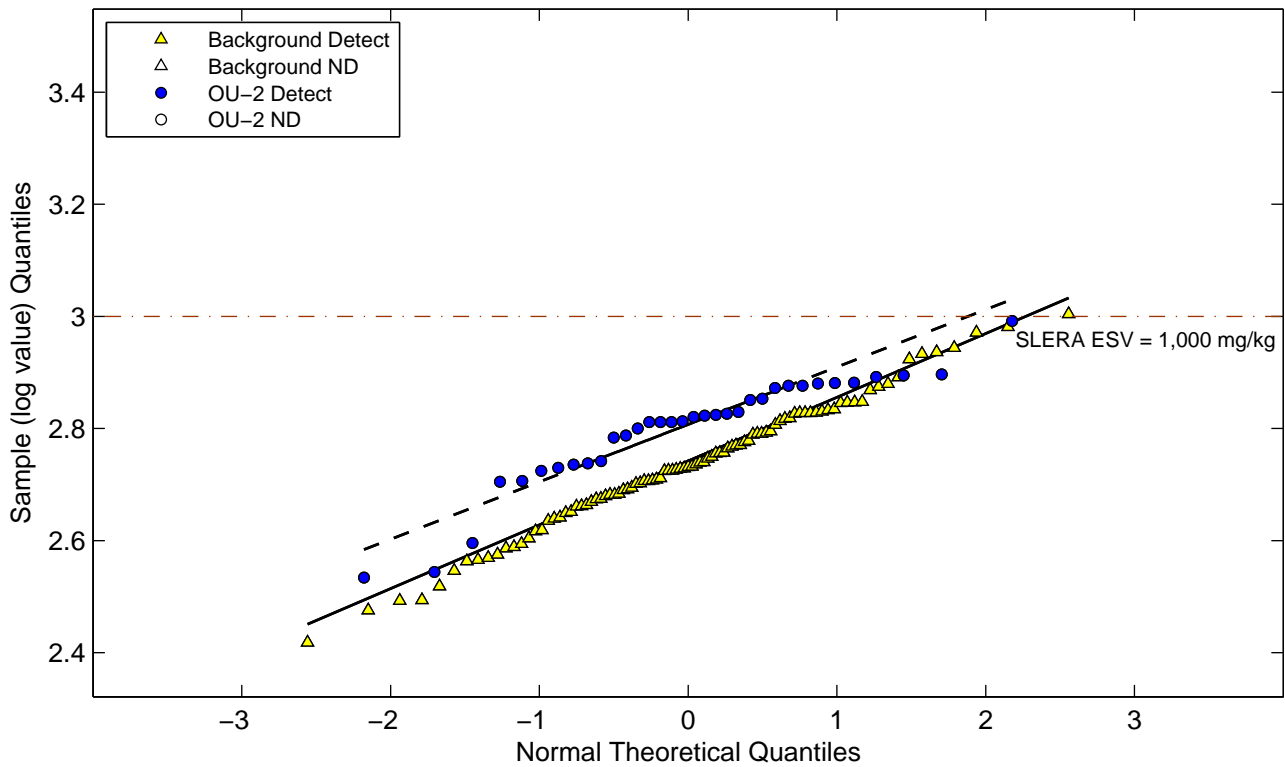
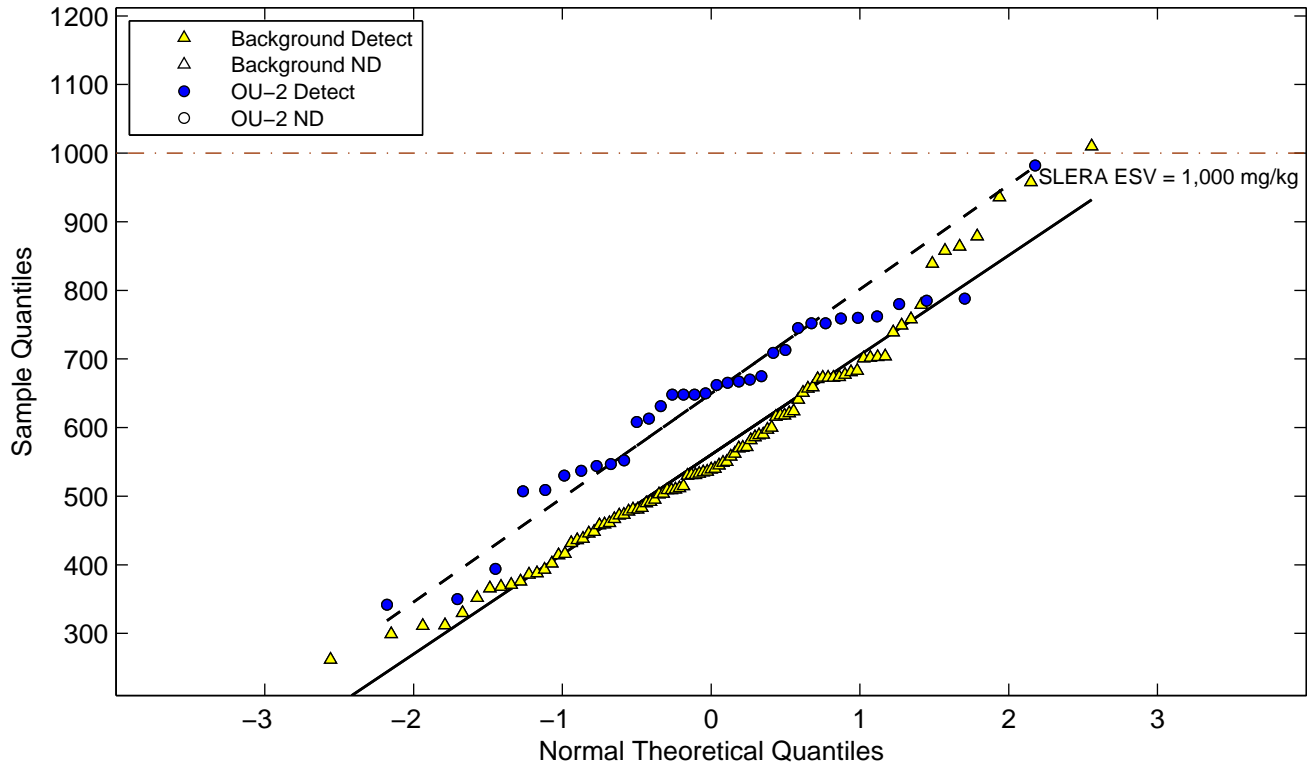
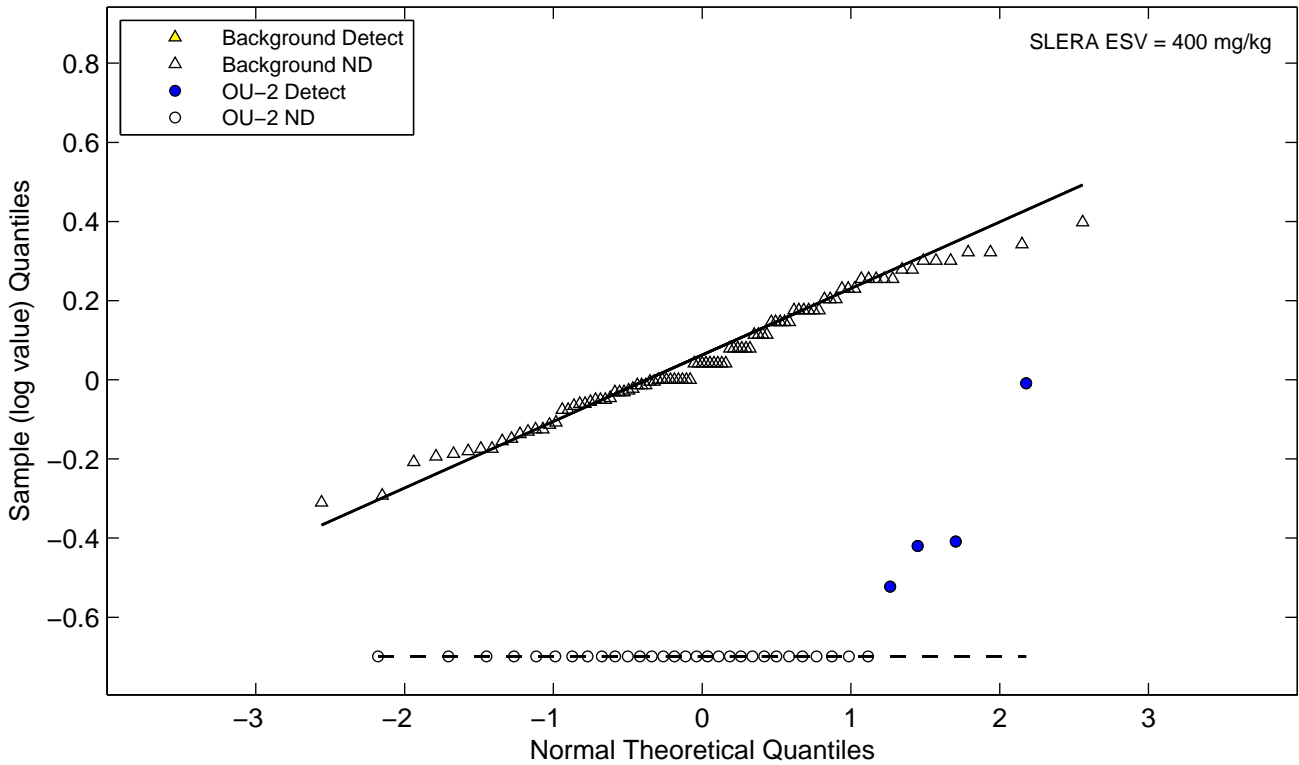
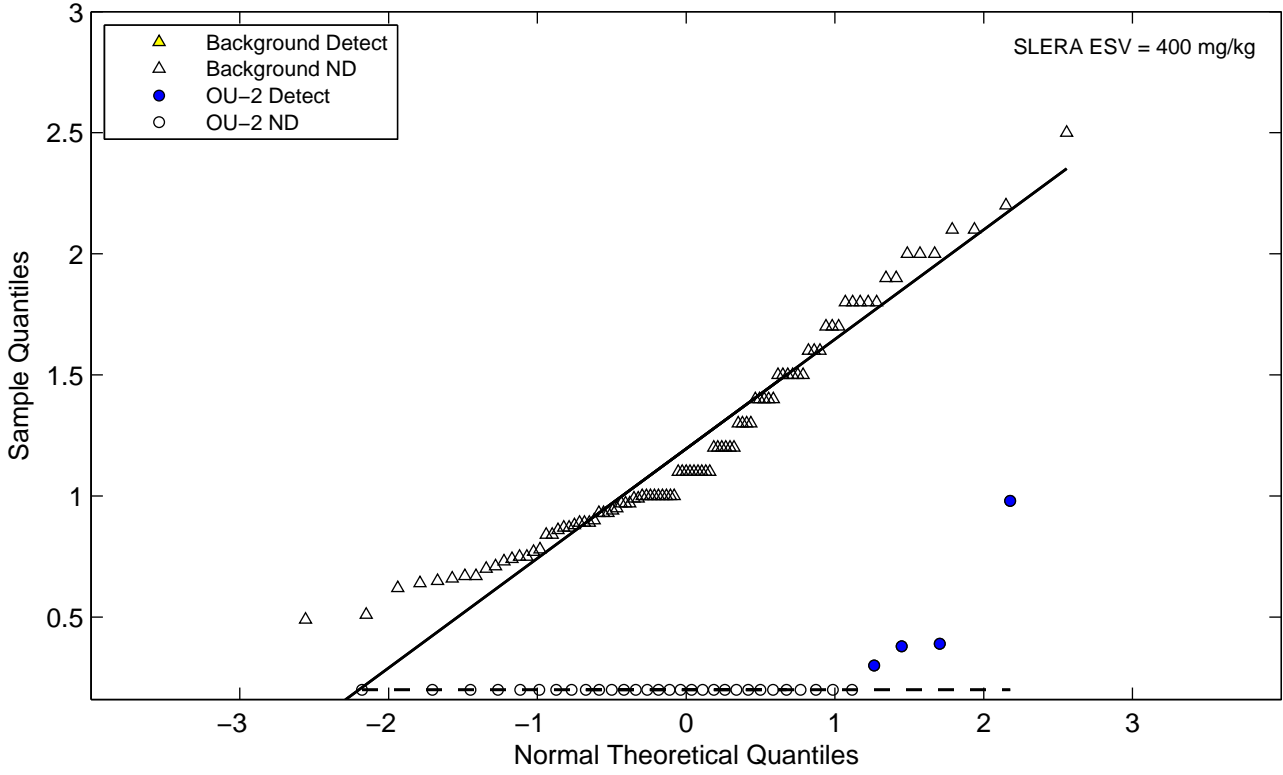


Figure C-5c. Normal and Lognormal Q-Q Plots for Metals Tungsten



**Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Uranium (total)**

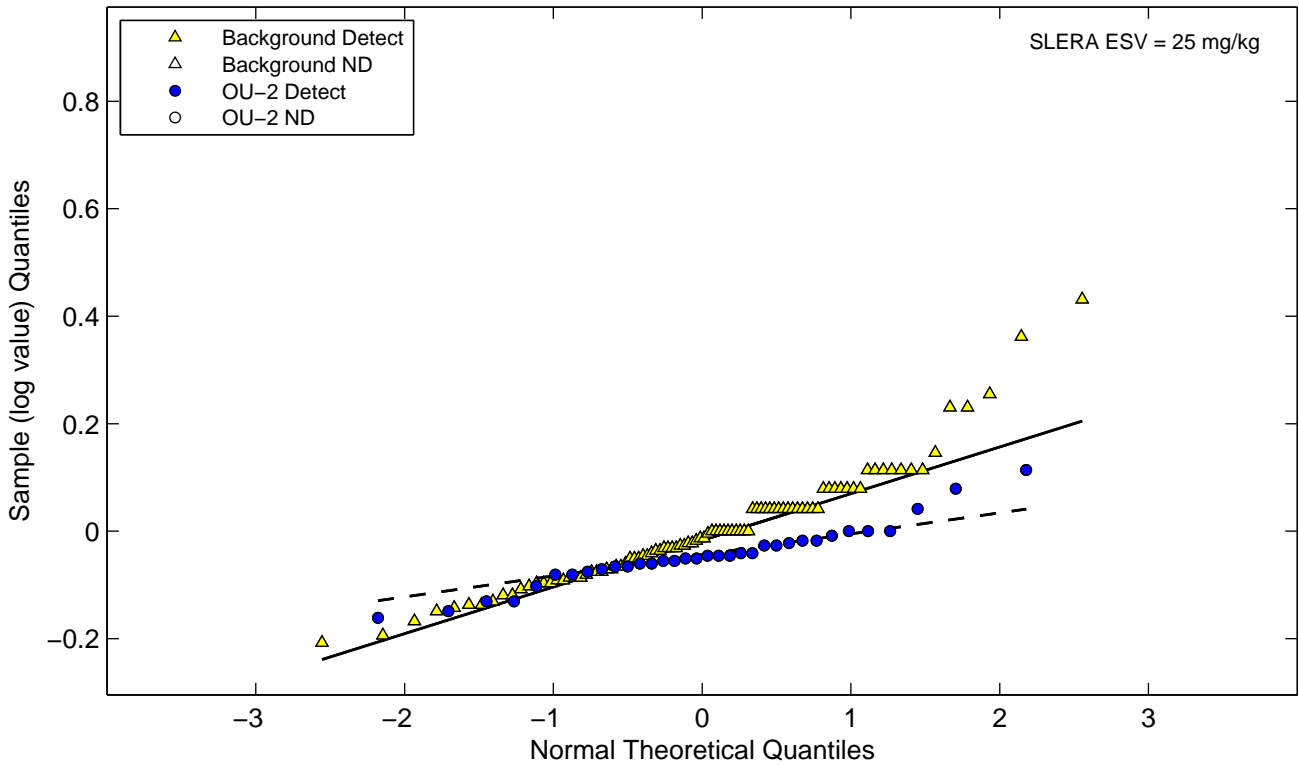
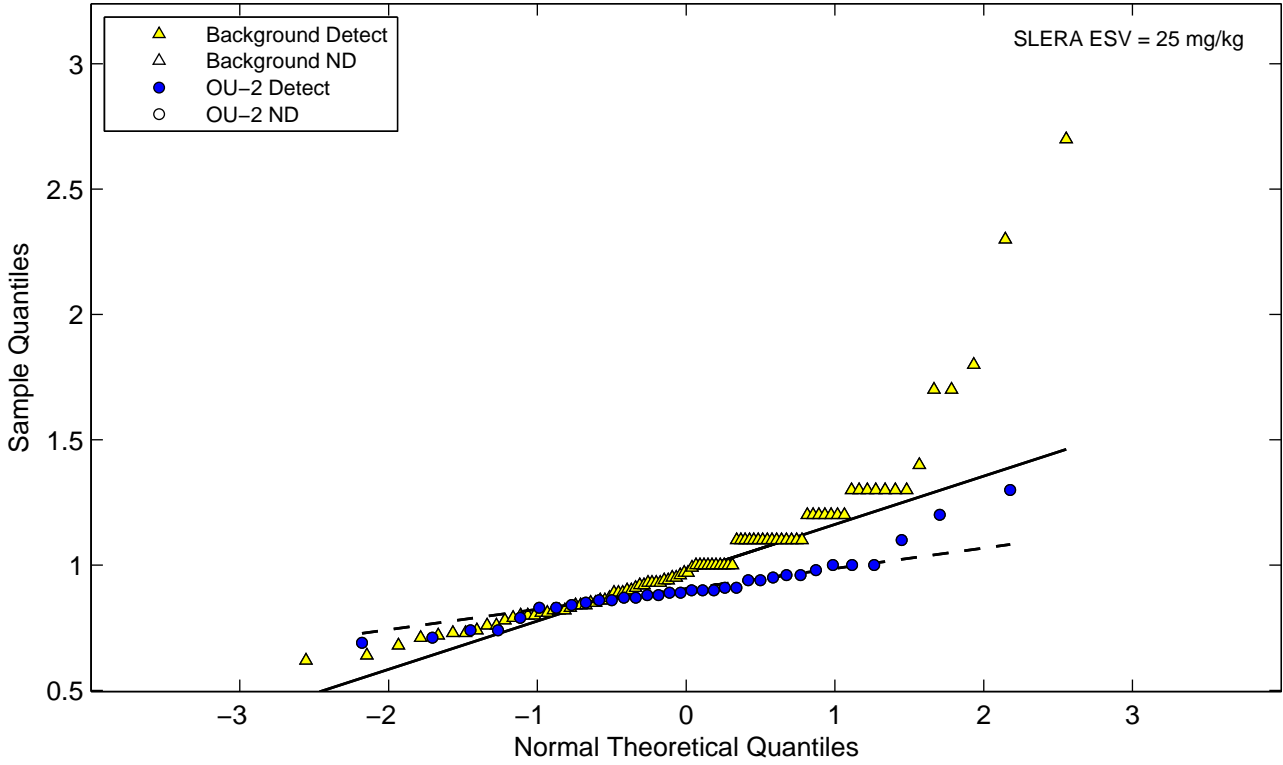


Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Vanadium

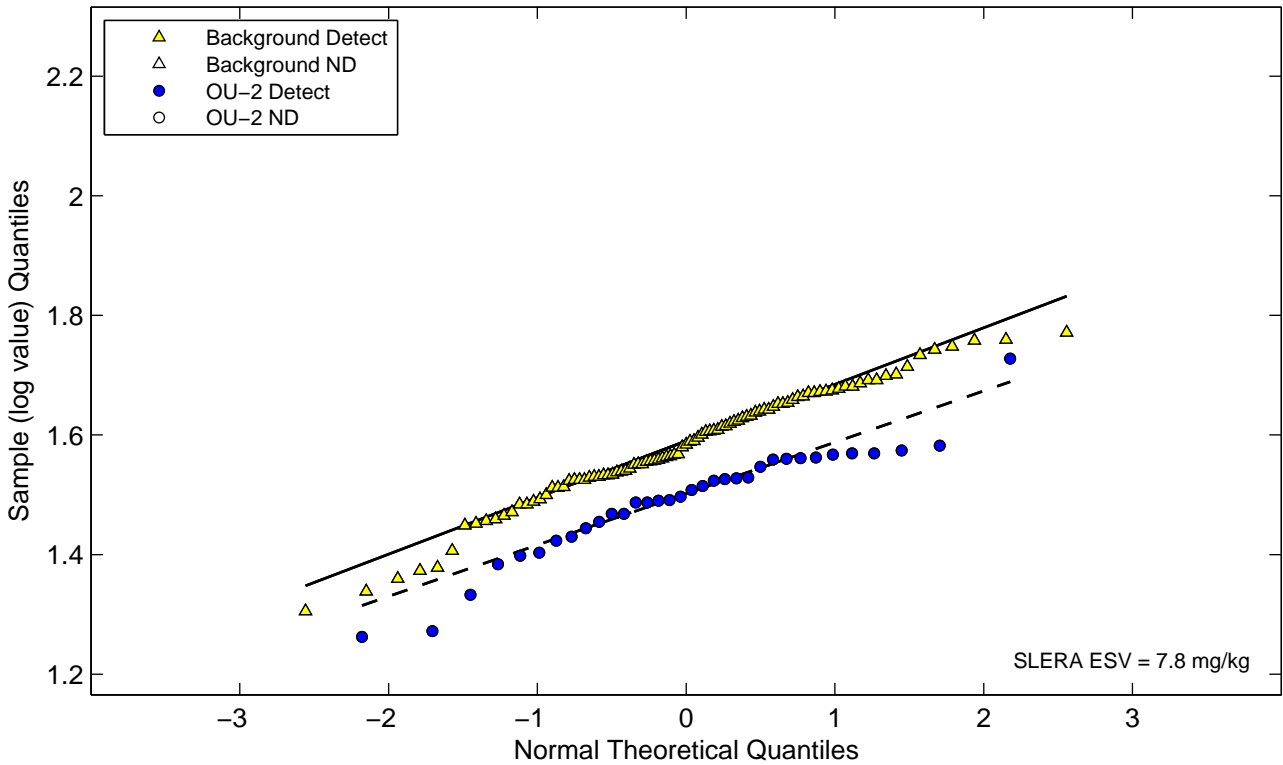
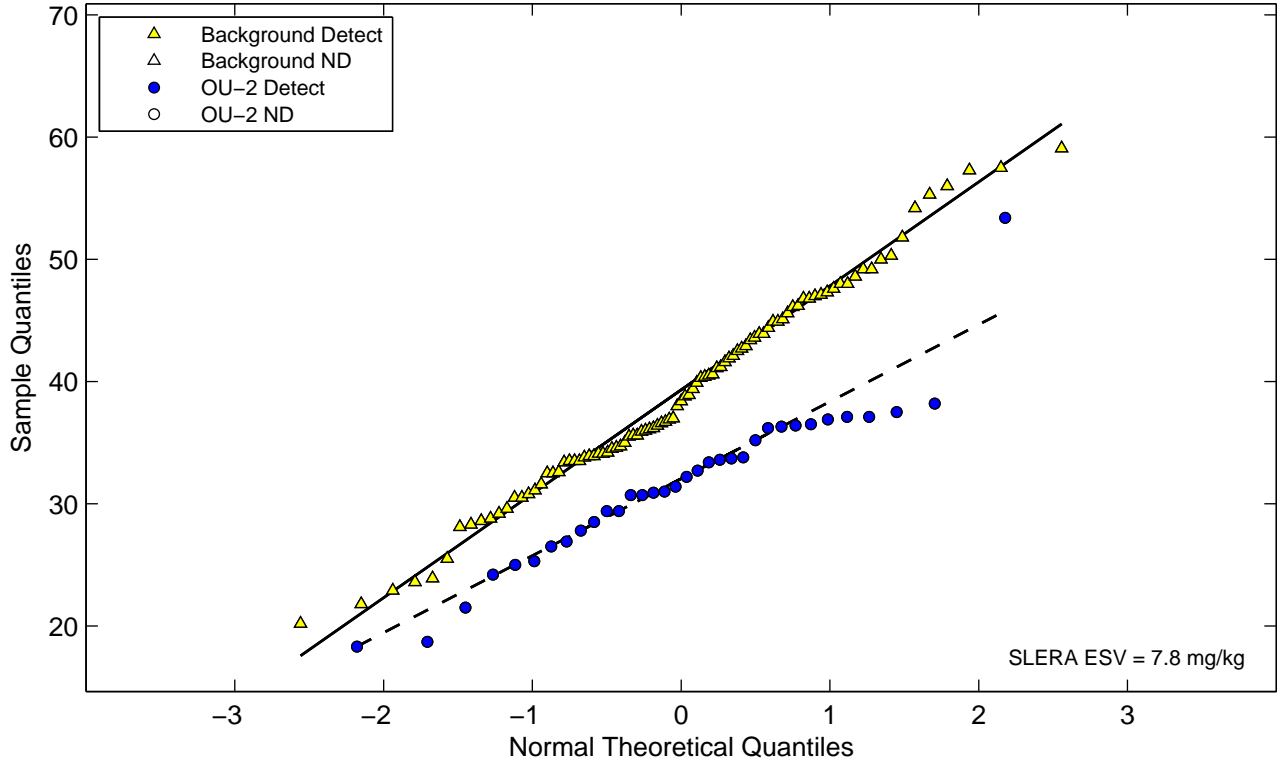
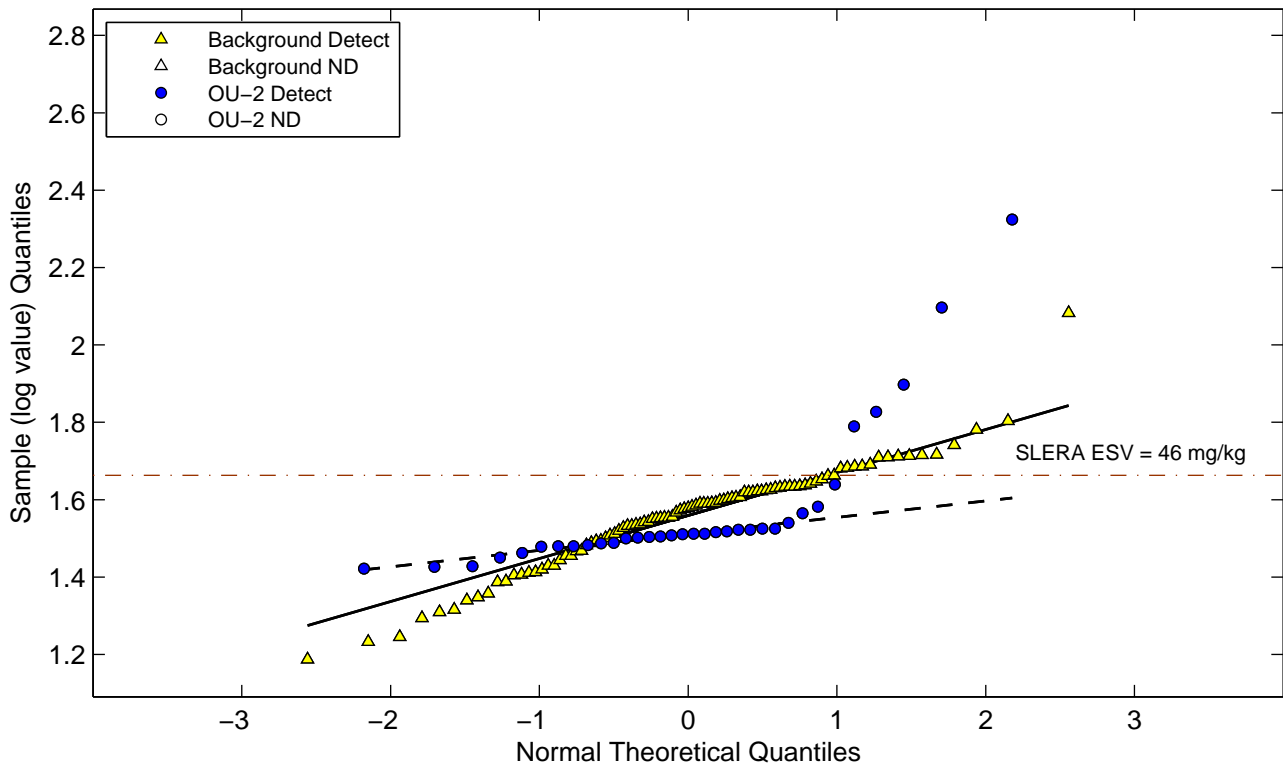
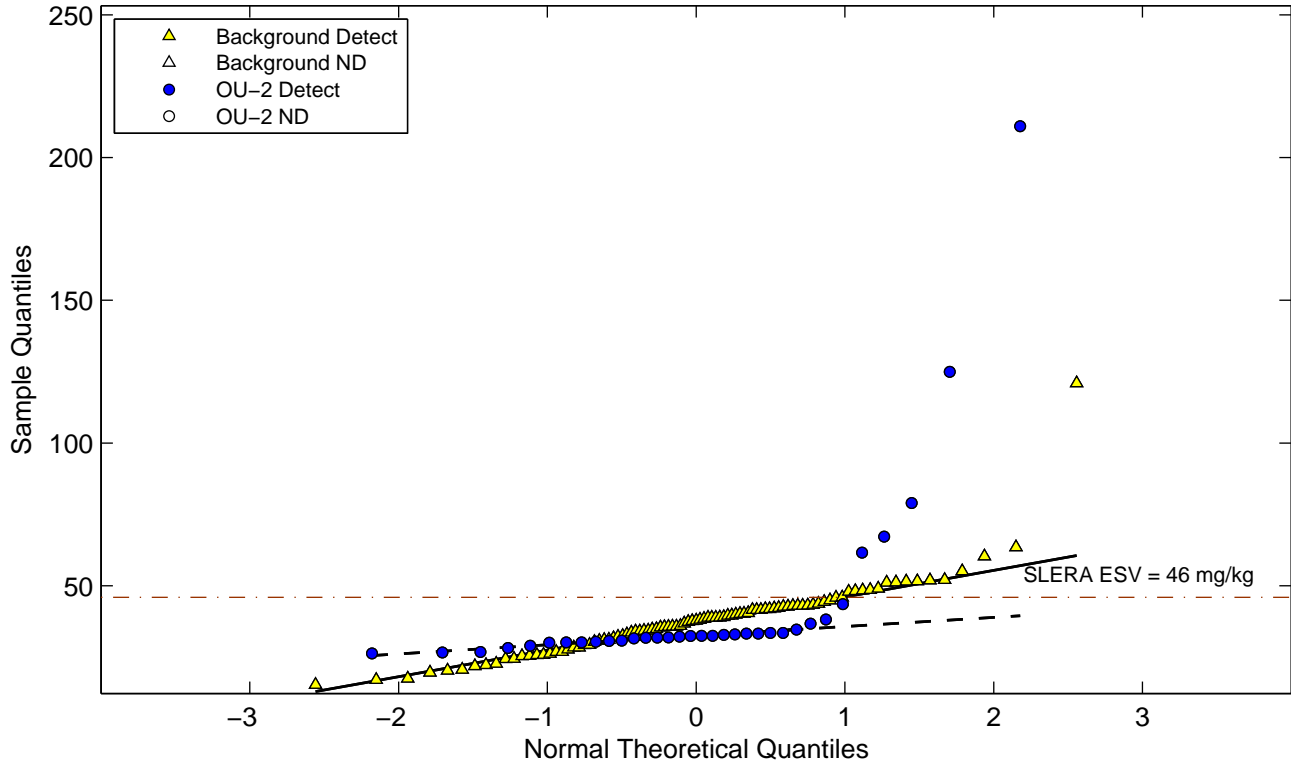


Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Zinc



**Figure C-5c. Normal and Lognormal Q-Q Plots for Metals
Zirconium**

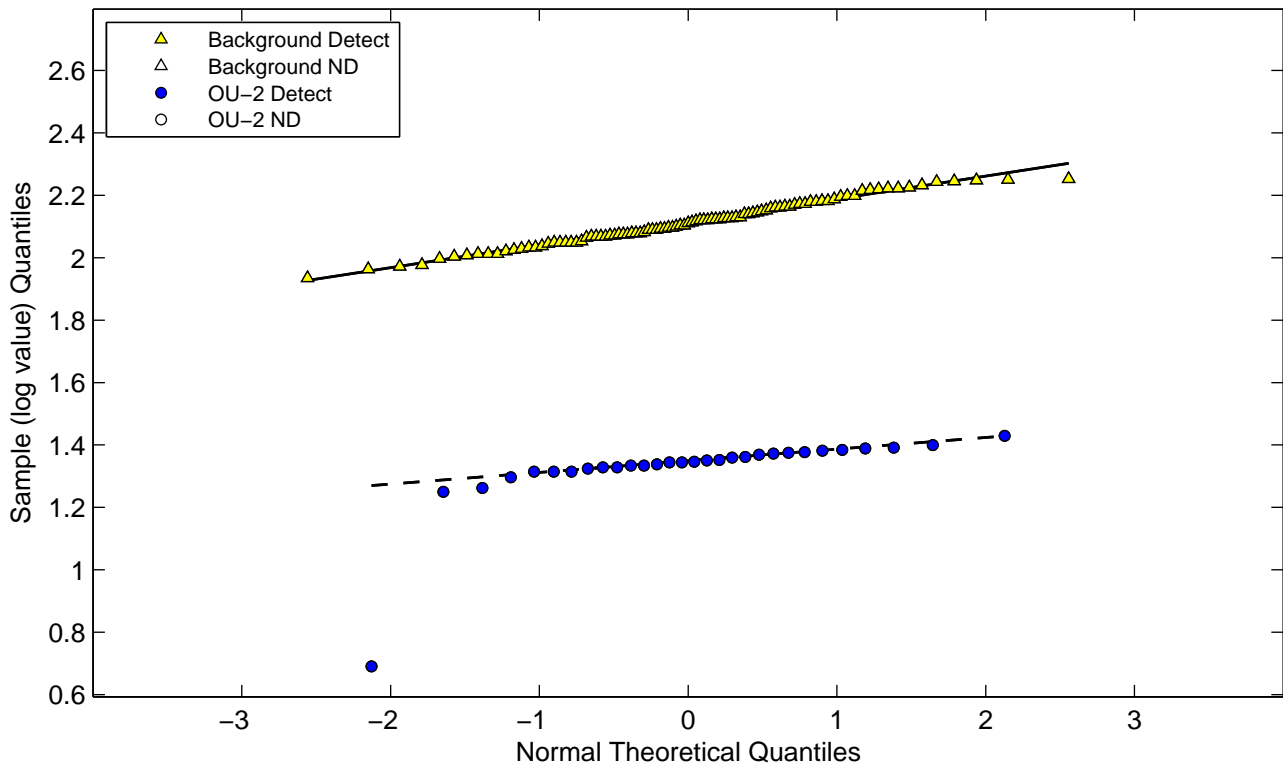
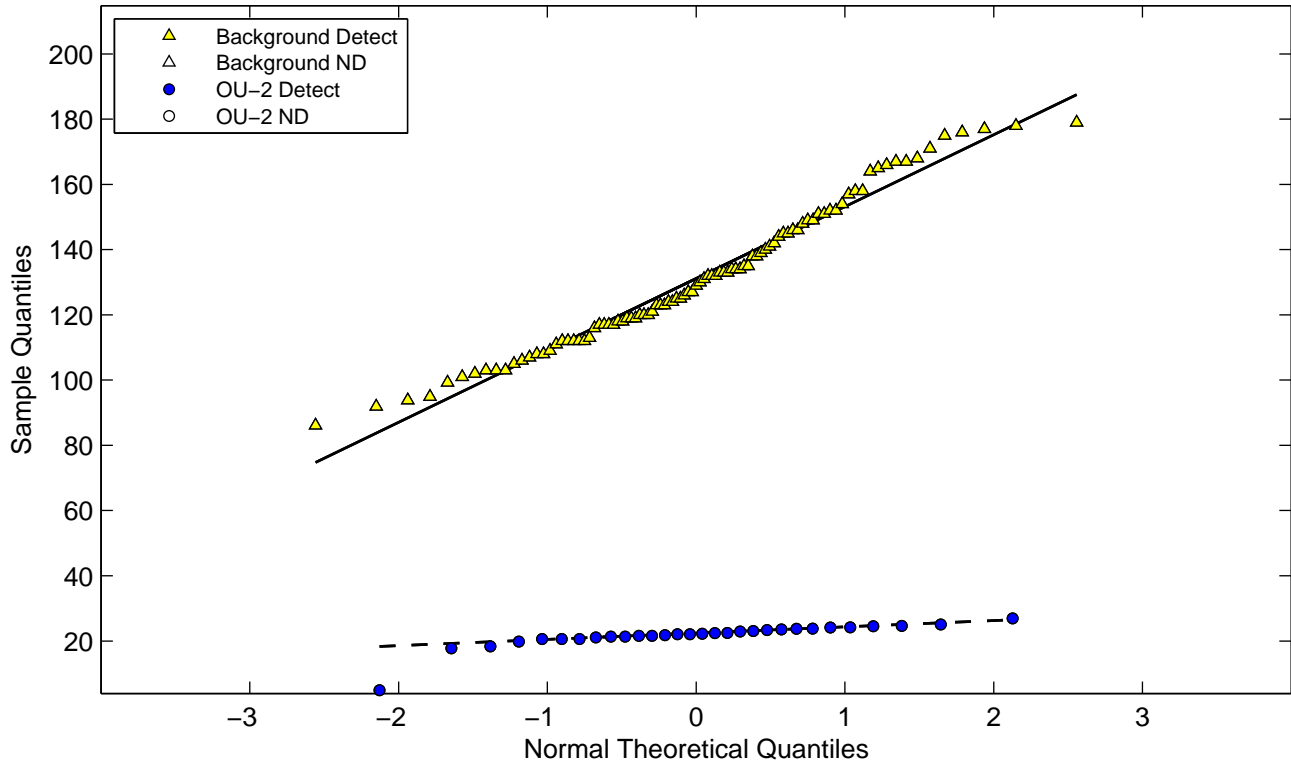


Figure C-5d. Normal and Lognormal Q-Q Plots for Radionuclides Uranium-238

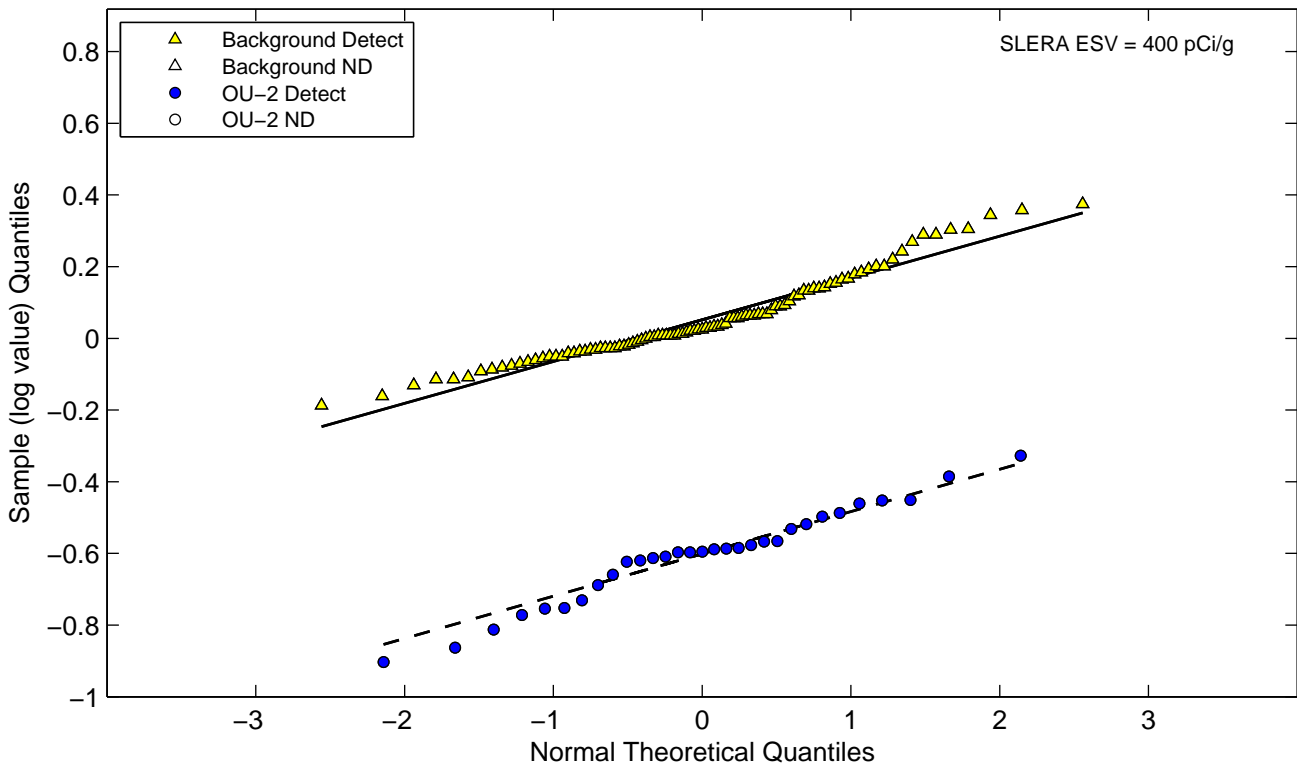
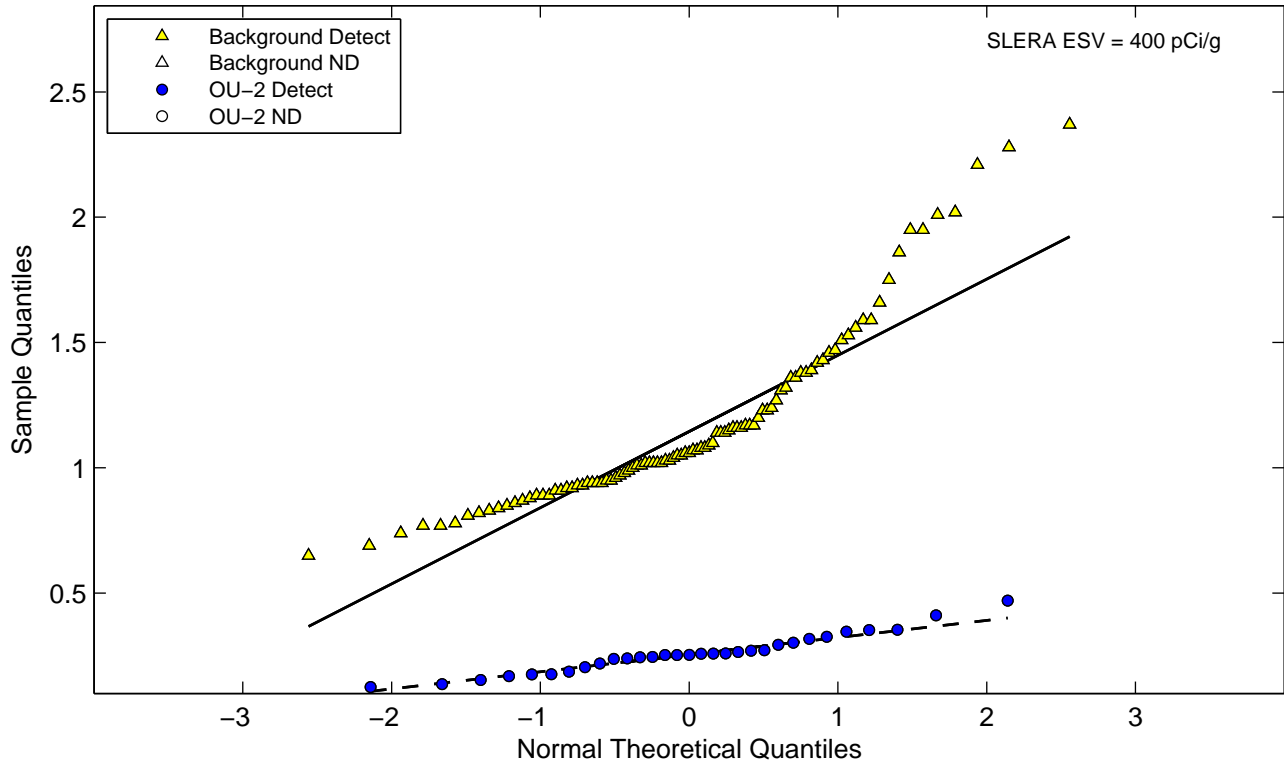


Figure C-5d. Normal and Lognormal Q-Q Plots for Radionuclides Uranium-234

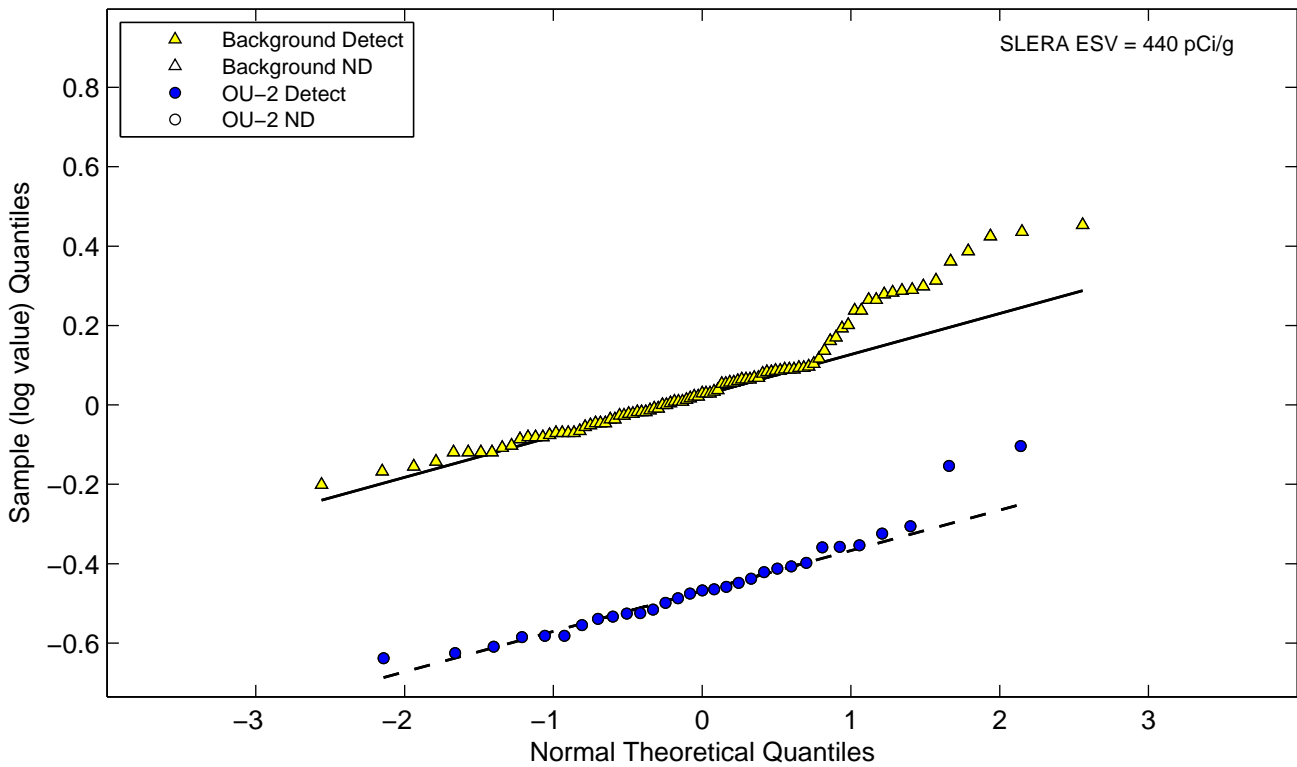
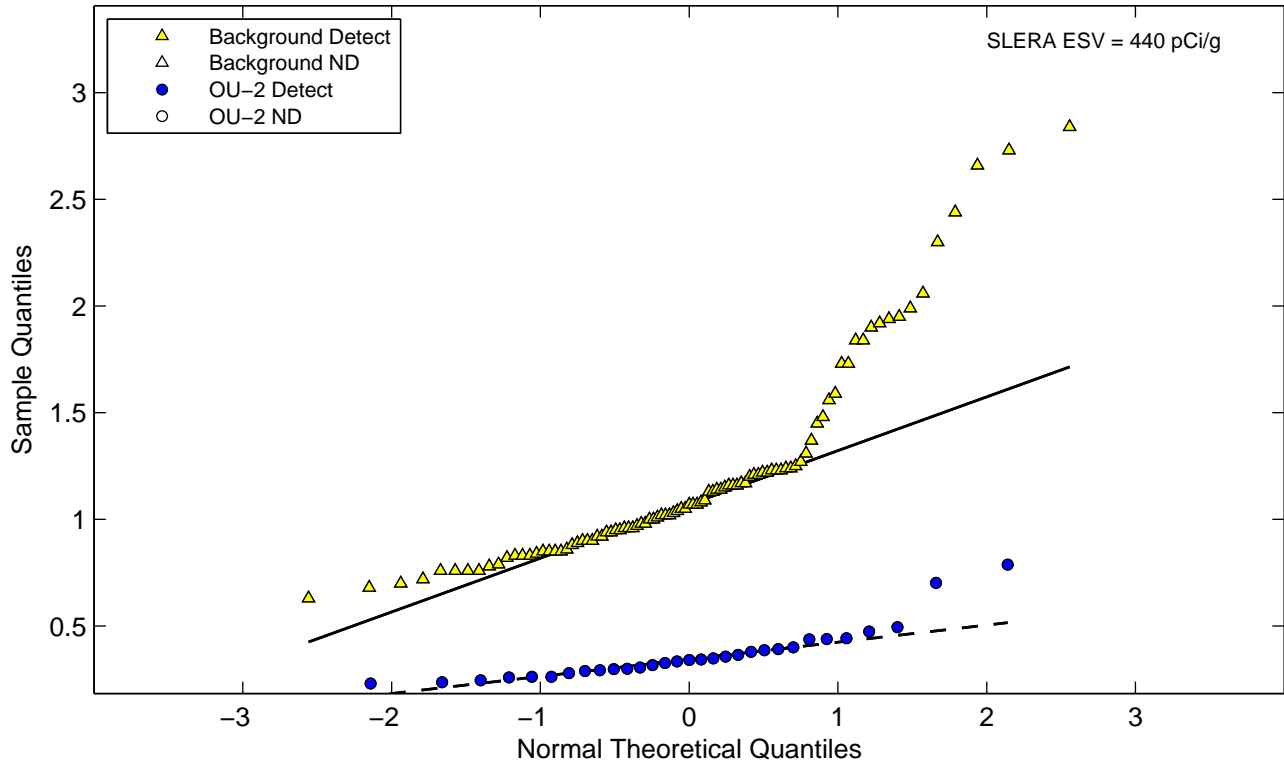


Figure C-5d. Normal and Lognormal Q-Q Plots for Radionuclides Thorium-230

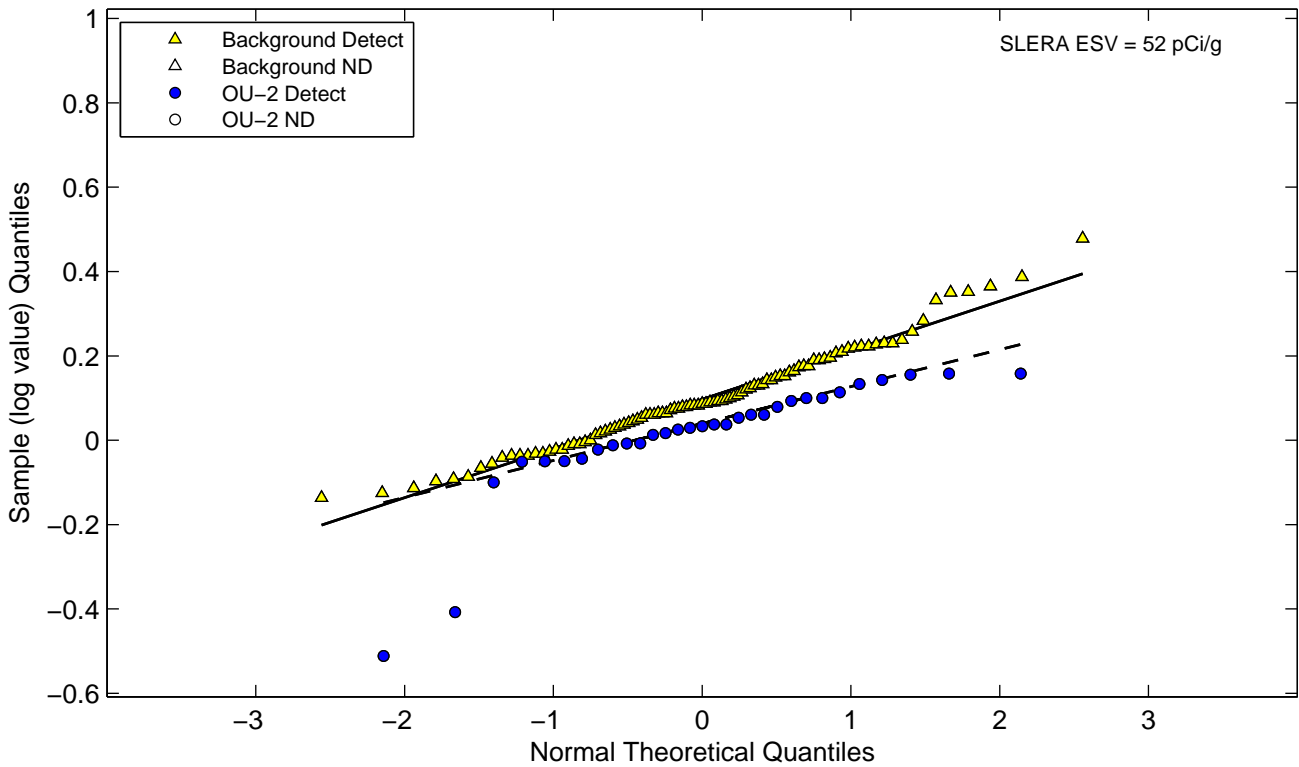
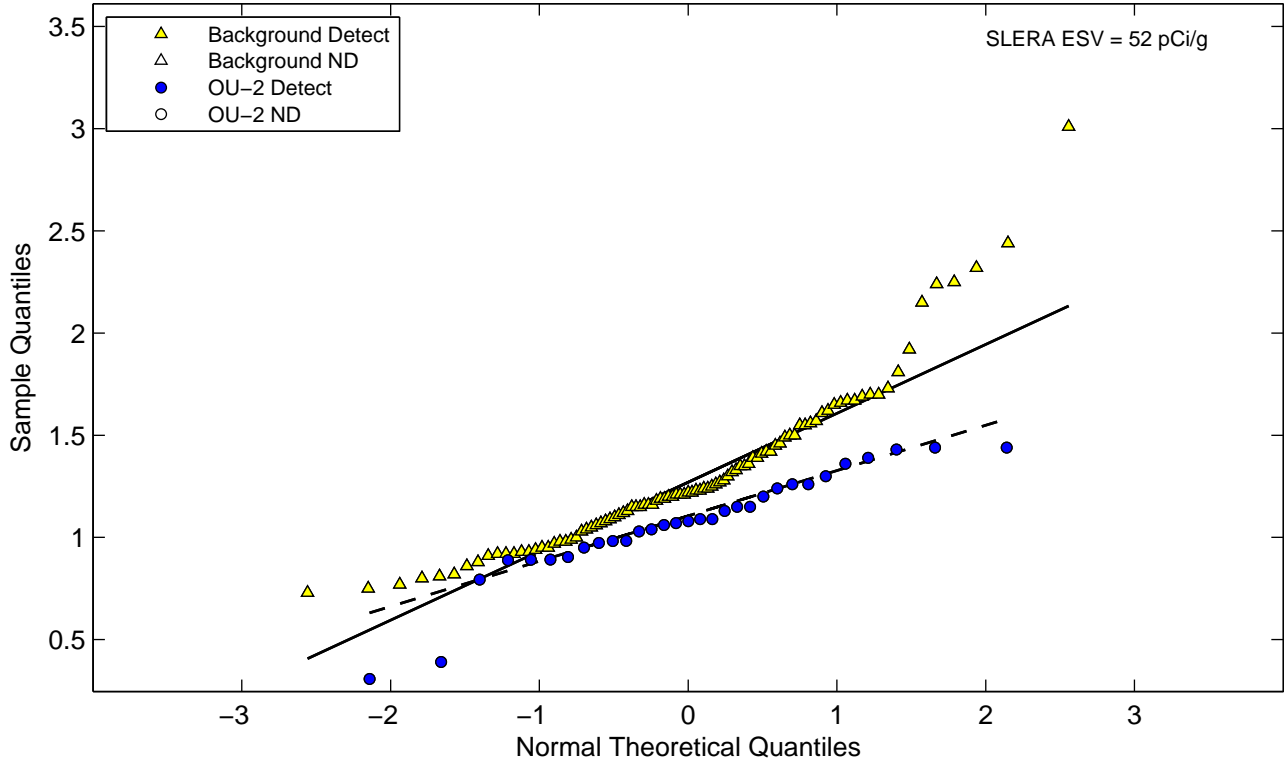


Figure C-5d. Normal and Lognormal Q-Q Plots for Radionuclides Radium-226

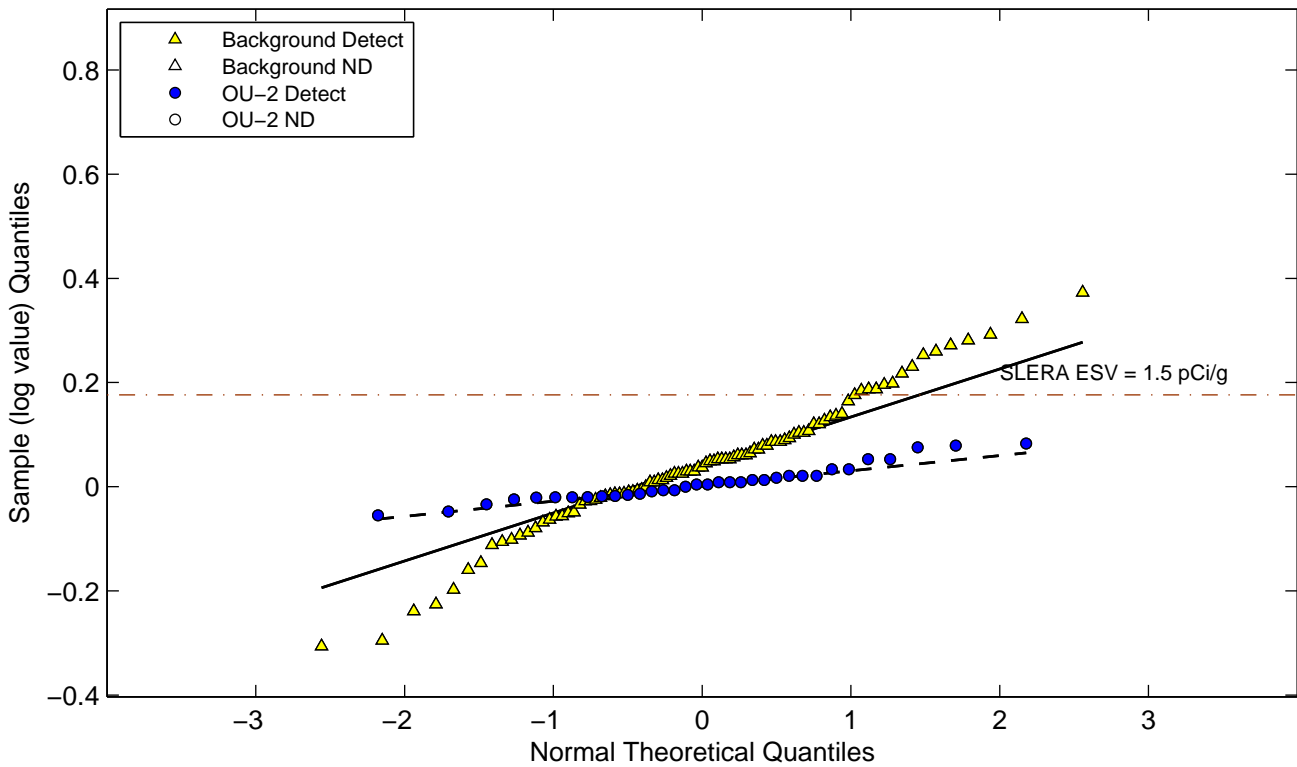
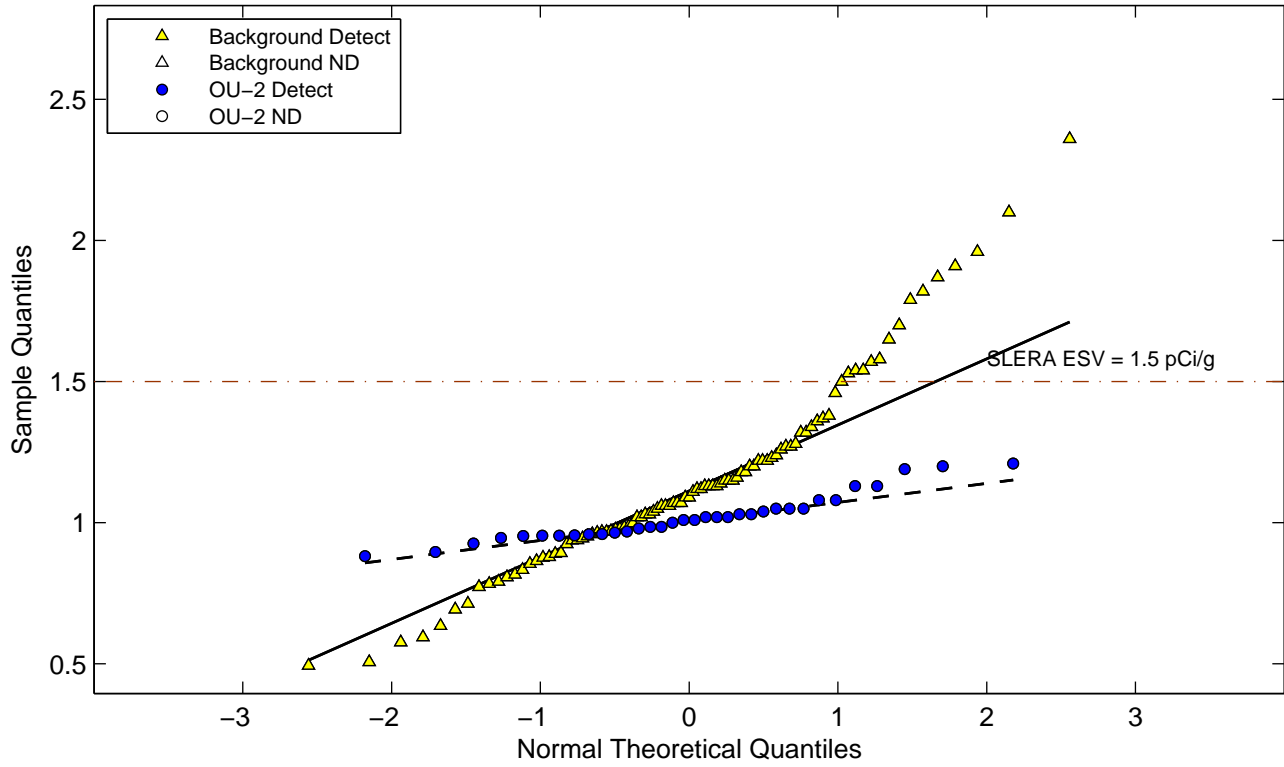


Figure C-5d. Normal and Lognormal Q-Q Plots for Radionuclides Thorium-232

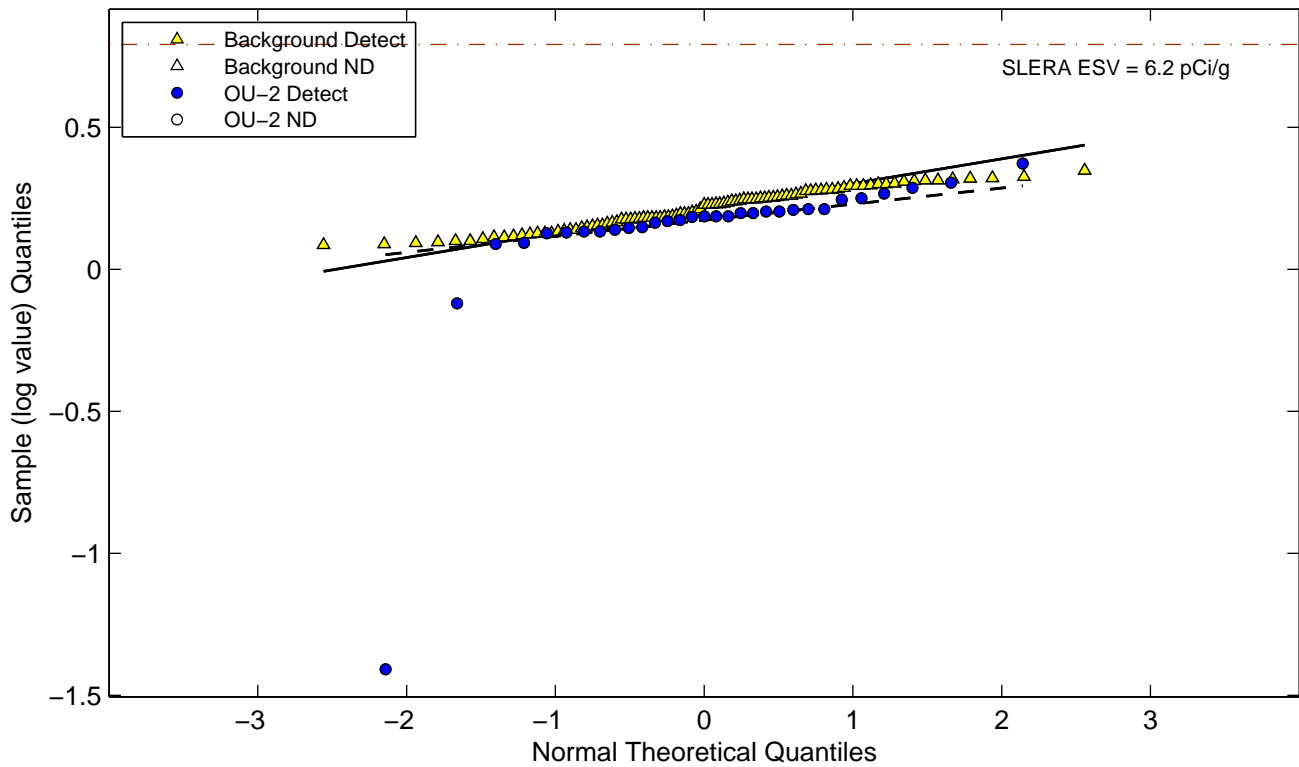
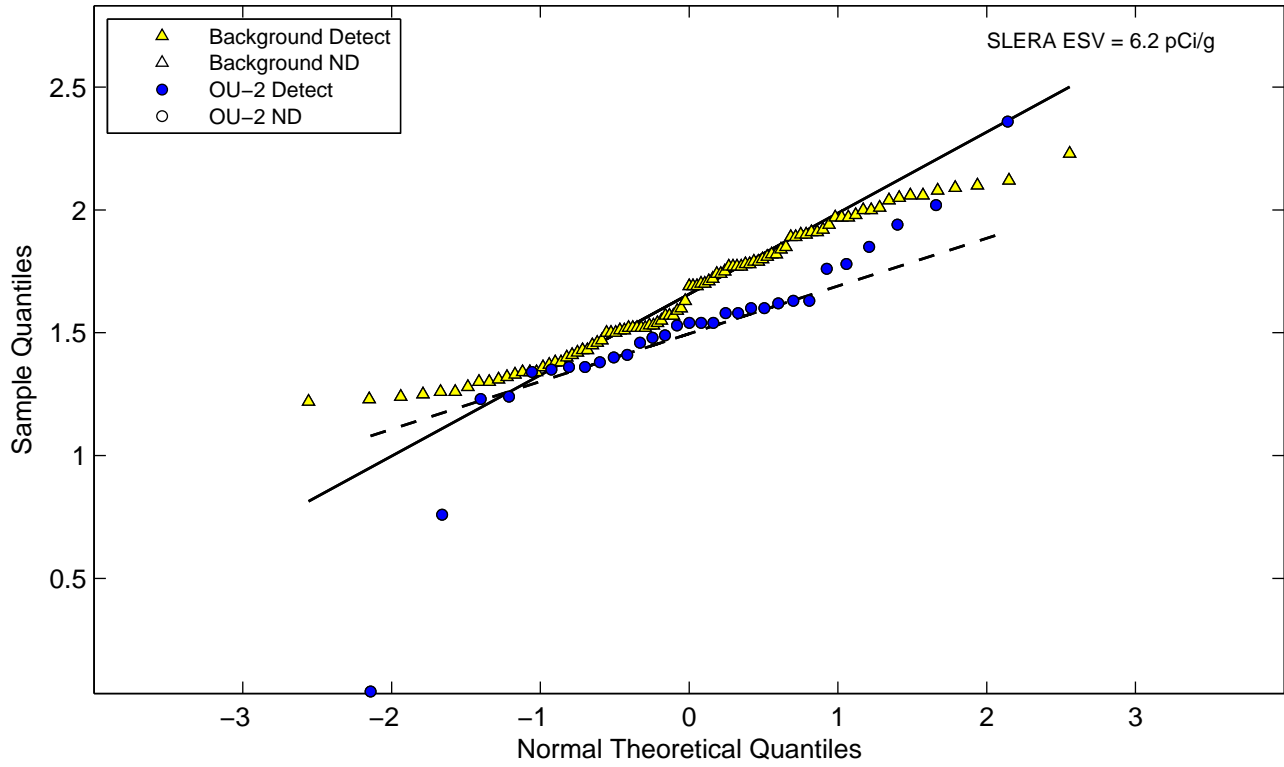


Figure C-5d. Normal and Lognormal Q-Q Plots for Radionuclides Radium-228

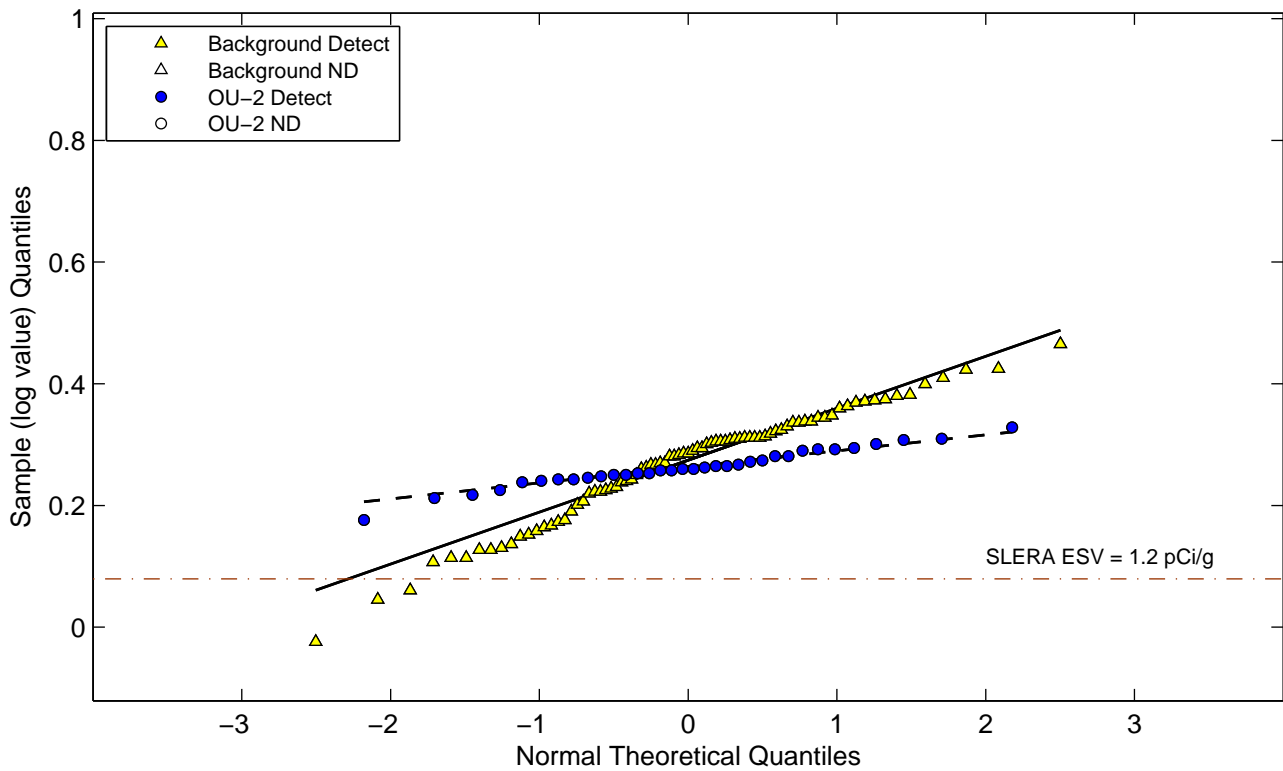
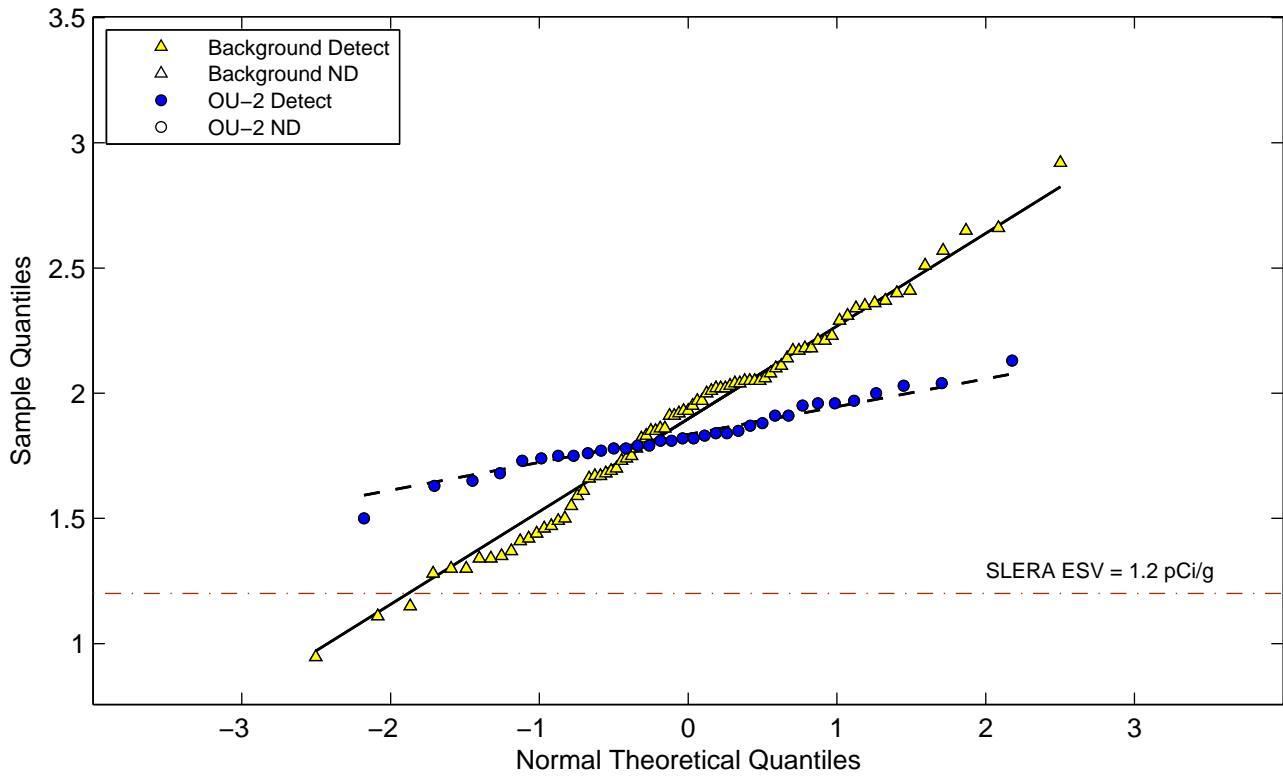


Figure C-5d. Normal and Lognormal Q-Q Plots for Radionuclides Thorium-228

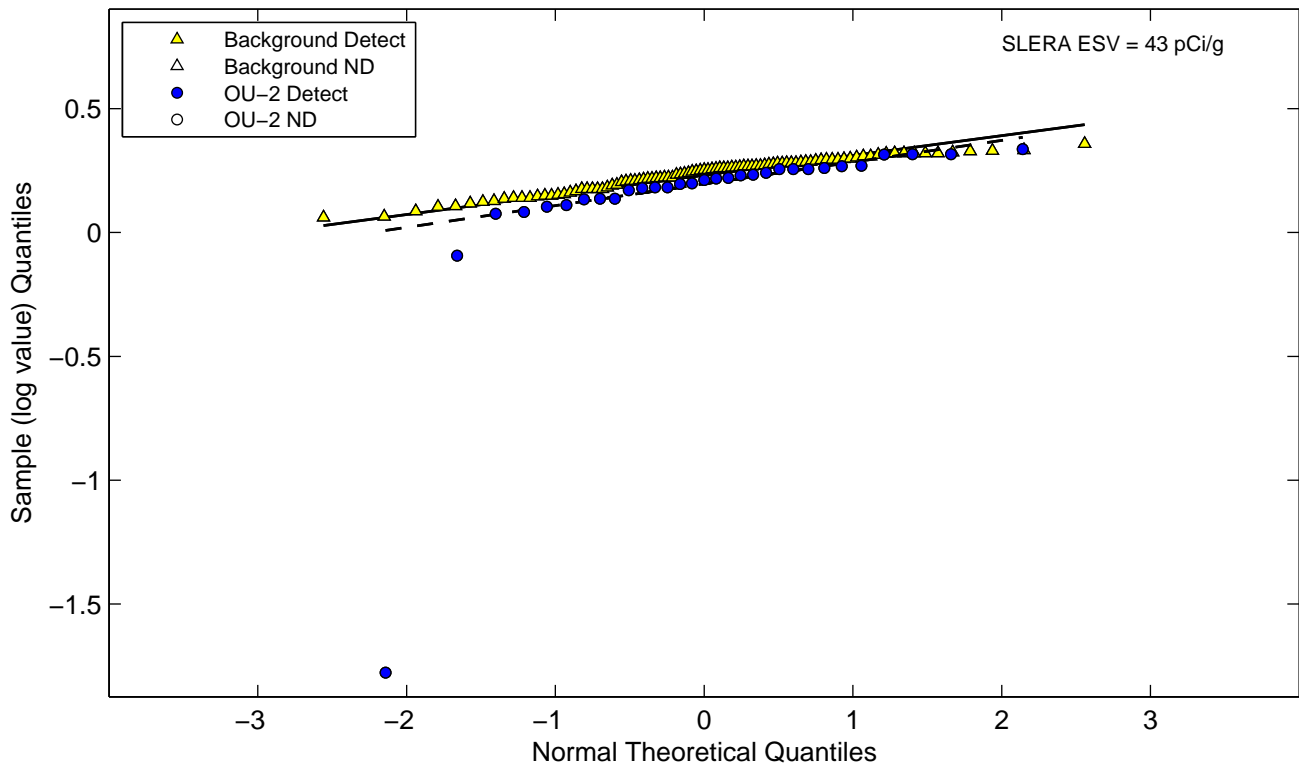
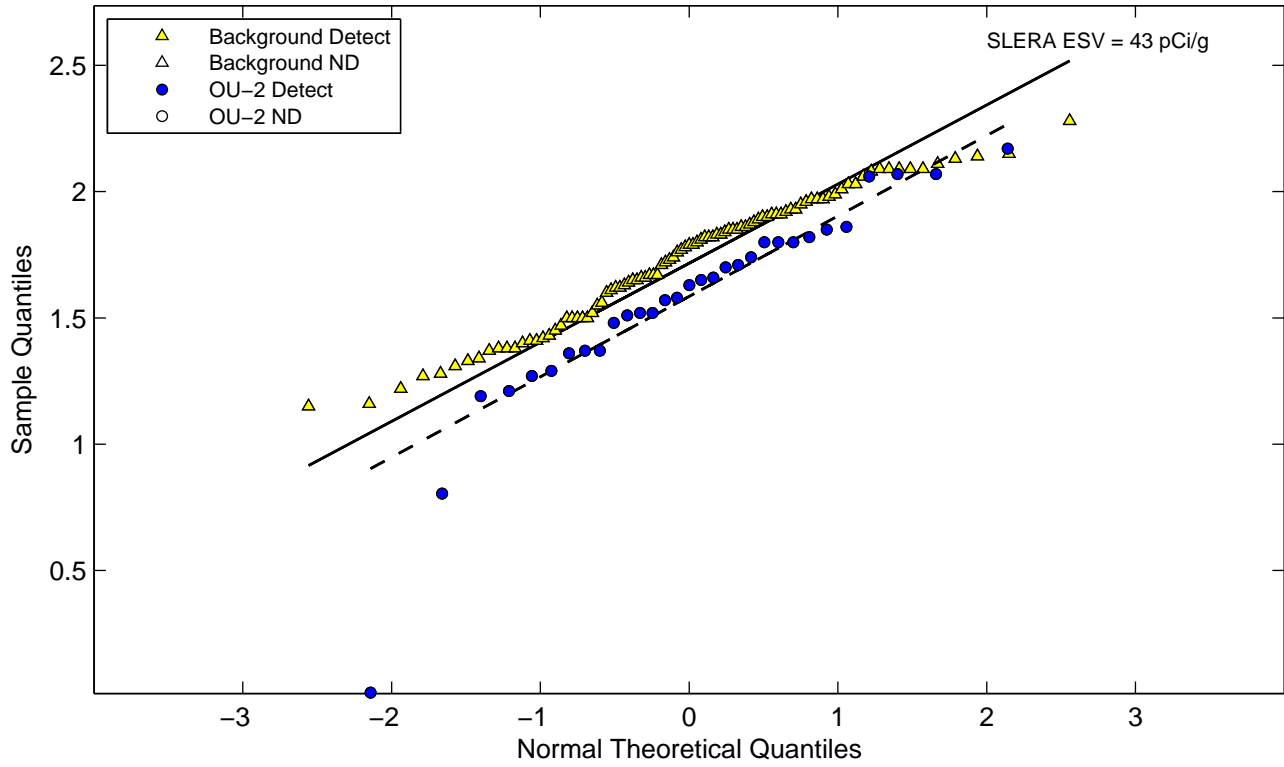
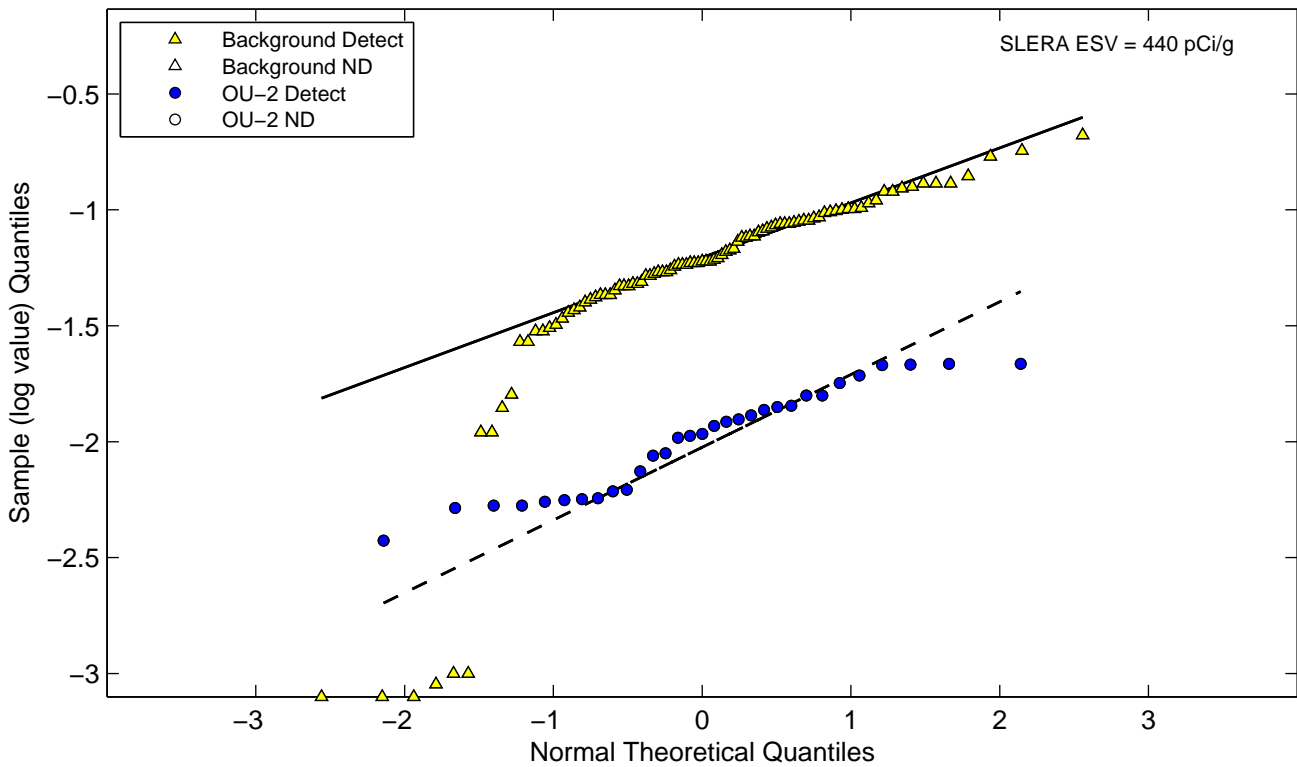
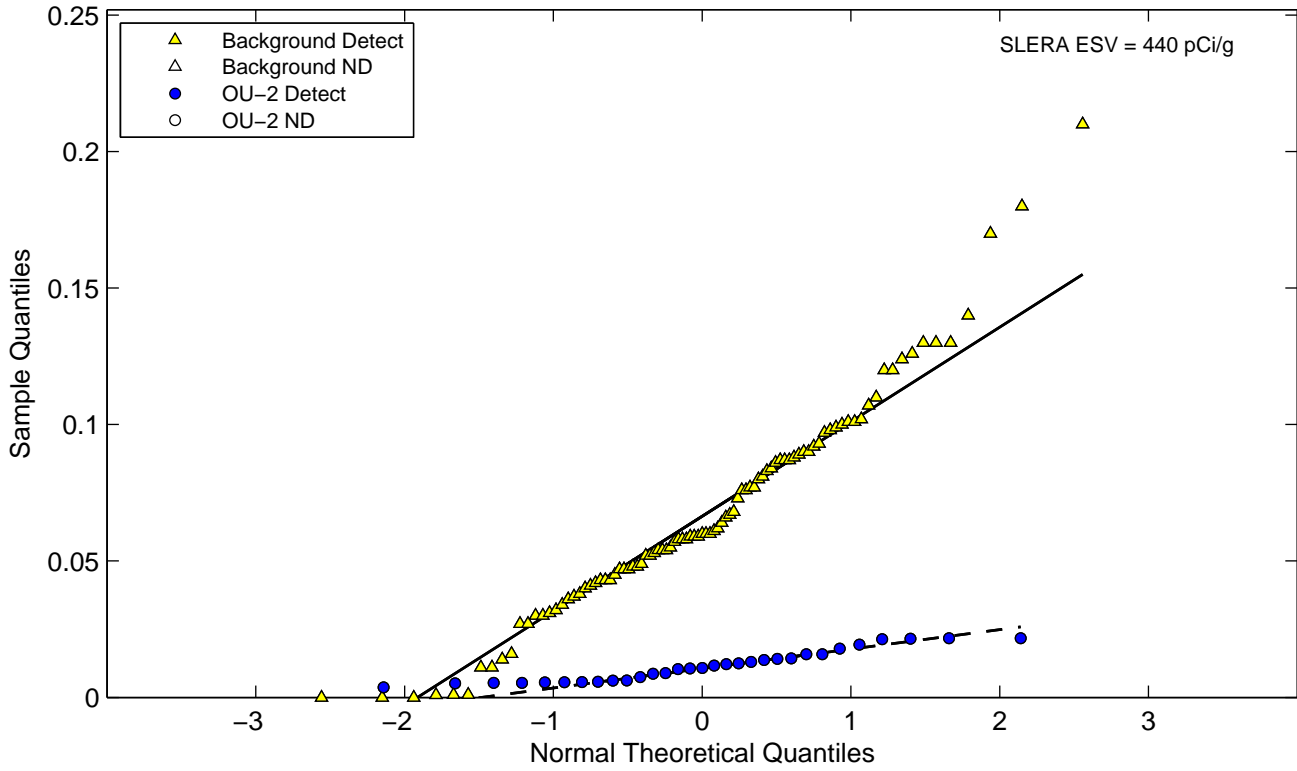


Figure C-5d. Normal and Lognormal Q-Q Plots for Radionuclides Uranium-235



**Table C-5a. Summary Statistics for Metals in Background (BRC/TIMET Regional) Soils and OU-2 Soils
Nevada Environmental Response Trust Site
Henderson, Nevada**

Chemical Name	Location	No. of Samples	No. of Detects	% Detects	Non-Detects (mg/kg)		Detects (mg/kg)					Shapiro-Wilk Test	
					Minimum	Maximum	Minimum	Median	Mean	Maximum	Standard Deviation	Normal (p-value)	Lognormal (p-value)
Aluminum	Background	95	95	100%	NA	NA	3,740	8,400	9,000	15,300	2,680	0.004	0.02
	OU-2	34	34	100%	NA	NA	5,770	8,420	8,240	9,750	818	0.05	0.004
Antimony	Background	95	43	45%	0.33	0.33	0.12	0.22	0.24	0.50	0.099	<0.001	<0.001
	OU-2	34	31	91%	0.10	0.10	0.11	0.16	0.18	0.42	0.078	<0.001	0.01
Arsenic	Background	95	95	100%	NA	NA	2.5	4.0	4.2	7.2	1.1	<0.001	0.1
	OU-2	34	34	100%	NA	NA	2.1	2.6	2.7	3.7	0.33	0.03	0.2
Barium	Background	95	95	100%	NA	NA	73	171	177	445	59.1	<0.001	0.6
	OU-2	34	34	100%	NA	NA	146	185	192	243	25.9	0.4	0.5
Beryllium	Background	95	95	100%	NA	NA	0.16	0.57	0.59	0.89	0.16	0.04	<0.001
	OU-2	34	34	100%	NA	NA	0.40	0.50	0.49	0.57	0.035	0.4	0.1
Boron	Background	95	34	36%	3.2	5.1	5.2	6.8	7.1	11.6	1.6	<0.001	<0.001
	OU-2	34	4	12%	2.8	2.8	4.0	5.7	6.6	11.1	3.4	<0.001	<0.001
Cadmium	Background	95	0	0%	0.13	0.13	NA	NA	NA	NA	NA	NA	NA
	OU-2	34	31	91%	0.01	0.01	0.086	0.13	0.18	0.59	0.14	<0.001	<0.001
Calcium	Background	95	95	100%	NA	NA	9,440	24,500	29,000	82,800	15,000	<0.001	0.1
	OU-2	34	34	100%	NA	NA	8,460	22,200	24,200	50,700	7,380	<0.001	<0.001
Chromium (total)	Background	95	95	100%	NA	NA	2.6	9.0	9.1	16.7	3.1	0.7	0.005
	OU-2	34	34	100%	NA	NA	5.7	10.8	10.7	15.9	2.2	1	0.2
Chromium VI	Background	95	0	0%	0.25	0.25	NA	NA	NA	NA	NA	NA	NA
	OU-2	34	17	50%	0.10	0.17	0.15	0.25	0.28	0.54	0.10	<0.001	0.001
Cobalt	Background	95	95	100%	NA	NA	3.7	9.0	8.8	16.3	2.3	0.1	0.009
	OU-2	34	34	100%	NA	NA	5.0	6.0	6.1	7.5	0.65	0.3	0.5
Copper	Background	95	95	100%	NA	NA	10.2	18.2	17.8	25.9	3.4	0.5	0.2
	OU-2	34	34	100%	NA	NA	10.1	13.1	14.4	31	3.9	<0.001	<0.001
Iron	Background	95	95	100%	NA	NA	5,410	13,200	13,100	19,700	3,410	0.2	<0.001
	OU-2	34	34	100%	NA	NA	7,850	13,500	13,100	17,200	1,780	0.3	0.01
Lead	Background	95	95	100%	NA	NA	3.0	7.2	8.2	35.1	4.2	<0.001	<0.001
	OU-2	34	34	100%	NA	NA	7.8	10.5	17.6	136	25.8	<0.001	<0.001
Lithium	Background	95	95	100%	NA	NA	7.5	12.9	14	26.5	4.4	<0.001	0.03
	OU-2	30	28	93%	1.5	3.7	10.9	13.7	13.7	16.9	1.7	<0.001	<0.001

**Table C-5a. Summary Statistics for Metals in Background (BRC/TIMET Regional) Soils and OU-2 Soils
Nevada Environmental Response Trust Site
Henderson, Nevada**

Chemical Name	Location	No. of Samples	No. of Detects	% Detects	Non-Detects (mg/kg)		Detects (mg/kg)					Shapiro-Wilk Test	
					Minimum	Maximum	Minimum	Median	Mean	Maximum	Standard Deviation	Normal (p-value)	Lognormal (p-value)
Magnesium	Background	95	95	100%	NA	NA	4,690	10,300	10,300	17,500	2,830	0.3	0.003
	OU-2	34	34	100%	NA	NA	5,050	8,020	7,970	9,790	920	0.1	0.008
Manganese	Background	95	95	100%	NA	NA	151	407	415	863	130	0.2	0.03
	OU-2	34	34	100%	NA	NA	256	374	383	668	87.6	0.004	0.3
Mercury	Background	95	73	77%	0.0072	0.0072	0.0084	0.018	0.023	0.11	0.017	<0.001	<0.001
	OU-2	34	24	71%	0.0067	0.0077	0.0073	0.012	0.012	0.016	0.0028	0.001	<0.001
Molybdenum	Background	95	95	100%	NA	NA	0.30	0.49	0.55	2.0	0.25	<0.001	<0.001
	OU-2	34	19	56%	0.10	0.10	0.43	0.59	0.62	1.1	0.15	<0.001	<0.001
Nickel	Background	95	95	100%	NA	NA	7.9	16.4	16.2	30	4.0	0.04	0.04
	OU-2	34	34	100%	NA	NA	10.1	14	14.4	23.7	2.7	<0.001	0.01
Niobium	Background	95	0	0%	1.0	2.8	NA	NA	NA	NA	NA	<0.001	<0.001
	OU-2	30	2	7%	1.5	1.5	1.6	1.8	1.8	2.0	0.28	<0.001	<0.001
Palladium	Background	95	95	100%	NA	NA	0.16	0.42	0.48	1.5	0.24	<0.001	0.3
	OU-2	30	30	100%	NA	NA	0.30	0.35	0.37	0.52	0.046	0.006	0.06
Phosphorus (total)	Background	95	95	100%	NA	NA	862	1,490	1,470	2,010	278	0.1	0.02
	OU-2	30	30	100%	NA	NA	527	904	929	1,510	206	0.3	0.5
Platinum	Background	95	5	5%	0.044	0.044	0.045	0.064	0.071	0.099	0.02	<0.001	<0.001
	OU-2	34	2	6%	0.011	0.02	0.012	0.014	0.014	0.016	0.0028	<0.001	<0.001
Potassium	Background	95	95	100%	NA	NA	625	1,580	1,750	3,890	759	<0.001	0.5
	OU-2	34	34	100%	NA	NA	2,390	3,070	3,190	4,800	619	<0.001	0.02
Selenium	Background	95	33	35%	0.16	0.16	0.23	0.31	0.33	0.60	0.076	<0.001	<0.001
	OU-2	34	1	3%	0.11	0.33	0.12	0.12	0.12	0.12	NA	<0.001	<0.001
Silicon	Background	95	95	100%	NA	NA	335	721	1,010	4,150	811	<0.001	<0.001
	OU-2	30	30	100%	NA	NA	131	637	595	1,320	260	0.2	0.007
Silver	Background	95	0	0%	0.26	0.26	NA	NA	NA	NA	NA	NA	NA
	OU-2	34	34	100%	NA	NA	0.086	0.12	0.13	0.82	0.12	<0.001	<0.001
Sodium	Background	95	95	100%	NA	NA	128	487	498	1,320	285	<0.001	<0.001
	OU-2	34	34	100%	NA	NA	202	431	542	1,720	330	<0.001	0.08
Strontium	Background	95	95	100%	NA	NA	75.5	192	232	808	133	<0.001	0.07
	OU-2	34	34	100%	NA	NA	118	144	152	204	20.9	0.08	0.3
Thallium	Background	95	21	22%	0.20	1.1	1.1	1.4	1.4	1.8	0.25	<0.001	<0.001
	OU-2	34	4	12%	0.20	0.20	0.084	0.17	0.16	0.20	0.056	<0.001	<0.001
Tin	Background	95	95	100%	NA	NA	0.24	0.51	0.50	0.80	0.11	0.5	0.1
	OU-2	34	31	91%	0.053	0.053	0.45	0.53	0.63	1.5	0.25	<0.001	<0.001

**Table C-5a. Summary Statistics for Metals in Background (BRC/TIMET Regional) Soils and OU-2 Soils
Nevada Environmental Response Trust Site
Henderson, Nevada**

Chemical Name	Location	No. of Samples	No. of Detects	% Detects	Non-Detects (mg/kg)		Detects (mg/kg)					Shapiro-Wilk Test	
					Minimum	Maximum	Minimum	Median	Mean	Maximum	Standard Deviation	Normal (p-value)	Lognormal (p-value)
Titanium	Background	95	95	100%	NA	NA	262	539	561	1,010	151	0.03	0.9
	OU-2	34	34	100%	NA	NA	342	656	644	982	134	0.1	<i>0.006</i>
Tungsten	Background	95	0	0%	0.49	2.5	NA	NA	NA	NA	NA	<0.001	0.3
	OU-2	34	4	12%	0.20	0.20	0.30	0.39	0.51	0.98	0.31	<0.001	<0.001
Uranium (total)	Background	94	94	100%	NA	NA	0.62	0.97	1.0	2.7	0.31	<0.001	<0.001
	OU-2	34	34	100%	NA	NA	0.69	0.90	0.91	1.3	0.12	<i>0.01</i>	0.1
Vanadium	Background	95	95	100%	NA	NA	20.2	38.4	39.1	59.1	8.4	0.6	0.1
	OU-2	34	34	100%	NA	NA	18.3	31.8	31.7	53.4	6.6	0.03	0.05
Zinc	Background	95	95	100%	NA	NA	15.4	37.9	37.8	121	13	<0.001	<i>0.004</i>
	OU-2	34	34	100%	NA	NA	26.4	32.5	43.3	211	35.2	<0.001	<0.001
Zirconium	Background	95	95	100%	NA	NA	86.1	129	131	179	22.2	0.05	0.4
	OU-2	30	30	100%	NA	NA	4.9	22.2	21.7	26.9	3.7	<0.001	<0.001

Notes:

mg/kg = milligram per kilogram

NA = value not available

p-values < 0.01 are shown in italic.

BRC/TIMET regional background dataset is used as background.

Shapiro Wilk tests use 1/2 the detection limit (DL) for non-detects.

Table C-5b. Background Comparisons for Metals in OU-2 Soils
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	Location	Distribution	t-test	t-test (logged data)	Gehan Test	Quantile Test (0.8)	Slippage Test	Fail Statistical Testing for Background Consistency?
			(p-value)	(p-value)	(p-value)	(p-value)	(p-value)	
Aluminum	OU-2	NP	1	0.9	0.7	1	1	No
Antimony	OU-2	NP	1	1	1	0.9	1	No
Arsenic	OU-2	LN	1	1	1	1	1	No
Barium	OU-2	LN	0.03	0.001	0.01	0.6	1	Yes
Beryllium	OU-2	N	1	1	1	1	1	No
Boron	OU-2	NP	1	1	1	1	1	LDF
Cadmium	OU-2	NP	NA	NA	NA	NA	<0.001	LDF
Calcium	OU-2	NP	1	0.9	0.7	1	1	No
Chromium (total)	OU-2	N	<0.001	<0.001	0.002	0.1	1	Yes
Chromium VI	OU-2	NP	NA	NA	NA	NA	<0.001	LDF
Cobalt	OU-2	N	1	1	1	1	1	No
Copper	OU-2	NP	1	1	1	1	0.3	No
Iron	OU-2	N	0.6	0.3	0.7	1	1	No
Lead	OU-2	NP	0.02	<0.001	<0.001	<0.001	0.07	Yes
Lithium	OU-2	NP	0.9	0.9	0.4	1	1	No
Magnesium	OU-2	N	1	1	1	1	1	No
Manganese	OU-2	LN	0.9	0.8	0.9	1	1	No
Mercury	OU-2	NP	1	1	1	1	1	No
Molybdenum	OU-2	NP	1	1	1	1	1	No
Nickel	OU-2	LN	1	1	1	1	1	No
Niobium	OU-2	NP	0.03	0.001	0.01	1	1	LDF
Palladium	OU-2	LN	1	1	0.9	1	1	No
Phosphorus (total)	OU-2	N, LN	1	1	1	1	1	No
Platinum	OU-2	NP	1	1	0.9	1	1	LDF
Potassium	OU-2	LN	<0.001	<0.001	<0.001	<0.001	0.004	Yes

Table C-5b. Background Comparisons for Metals in OU-2 Soils
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	Location	Distribution	t-test	t-test (logged data)	Gehan Test	Quantile Test (0.8)	Slippage Test	Fail Statistical Testing for Background Consistency?
			(p-value)	(p-value)	(p-value)	(p-value)	(p-value)	
Selenium	OU-2	NP	0.9	0.08	1	1	1	LDF
Silicon	OU-2	NP	1	1	1	1	1	No
Silver	OU-2	NP	NA	NA	NA	NA	0.3	LDF
Sodium	OU-2	NP	0.2	0.09	0.4	0.9	0.07	No
Strontium	OU-2	LN	1	1	1	1	1	No
Thallium	OU-2	NP	1	1	1	1	1	LDF
Tin	OU-2	NP	0.08	0.7	<i>0.02</i>	0.4	<i>0.02</i>	Yes
Titanium	OU-2	N	<i>0.002</i>	<i>0.001</i>	<i><0.001</i>	<i>0.008</i>	1	Yes
Tungsten	OU-2	NP	1	1	0.2	0.06	1	LDF
Uranium (total)	OU-2	NP	1	1	1	1	1	No
Vanadium	OU-2	N, LN	1	1	1	1	1	No
Zinc	OU-2	NP	0.2	0.3	0.9	0.9	0.07	No
Zirconium	OU-2	NP	1	1	1	1	1	No

Notes:

LDF = Low detection frequency (<25%) in either site or background datasets. Background comparison results may not be applicable.

NA = value not available

p-values in italics indicate $p < 0.025$

Background comparison tests use 1/2 the detection limit (DL) for non-detects in the parametric test (t-test) and the DL for non-parametric tests (Gehan test, quantile test, and slippage test).

BRC/TIMET regional background dataset is used as background.

For small sample size (≤ 100), final background determination is based on both parametric and non-parametric testing results.

Distribution:

N = OU-2 SLERA Area data and background data consistent with normal distribution

LN = OU-2 SLERA Area data and background data consistent with log-normal distribution

NP = OU-2 SLERA Area data or background data is not consistent with both normal distribution and log-normal distribution.

**Table C-5c. Summary Statistics for Radionuclides in Background (BRC/TIMET Regional) Soils and OU-2 Soils
Nevada Environmental Response Trust Site
Henderson, Nevada**

Chain	Chemical Name	Location	No. of Samples	No. of Detects	% Detects	Detects (pCi/g)					Shapiro-Wilk Test	
						Minimum	Median	Mean	Maximum	Standard Deviation	Normal (p-value)	Lognormal (p-value)
Uranium-238	Uranium-238	Background	95	95	100%	0	1.1	1.2	2.4	0.36	<i><0.001</i>	<i>0.002</i>
		OU-2	31	31	100%	0.13	0.25	0.26	0.47	0.078	0.3	0.6
	Uranium-234	Background	95	95	100%	0.63	1.1	1.2	2.8	0.47	<i><0.001</i>	<i><0.001</i>
		OU-2	31	31	100%	0.23	0.34	0.37	0.79	0.12	<i><0.001</i>	0.04
	Thorium-230	Background	95	95	100%	0.73	1.2	1.3	3.0	0.40	<i><0.001</i>	0.1
		OU-2	31	31	100%	0.31	1.1	1.1	1.4	0.26	0.01	<i><0.001</i>
	Radium-226	Background	95	95	100%	0.49	1.1	1.1	2.4	0.34	<i><0.001</i>	0.2
		OU-2	34	34	100%	0.88	1.0	1.0	1.2	0.081	0.03	0.1
Thorium-232	Thorium-232	Background	95	95	100%	1.2	1.7	1.7	2.2	0.26	<i>0.008</i>	<i>0.008</i>
		OU-2	31	31	100%	0.039	1.5	1.5	2.4	0.39	<i><0.001</i>	<i><0.001</i>
	Thorium-228	Background	95	95	100%	1.2	1.8	1.7	2.3	0.26	0.05	<i>0.003</i>
		OU-2	31	31	100%	0.017	1.6	1.6	2.2	0.41	<i>0.001</i>	<i><0.001</i>
	Radium-228	Background	81	81	100%	0.95	1.9	1.9	2.9	0.39	0.8	0.04
		OU-2	34	34	100%	1.5	1.8	1.8	2.1	0.13	0.9	0.7
Uranium-235	Uranium-235	Background	95	95	100%	NA	0.06	0.067	0.21	0.04	<i>0.003</i>	<i><0.001</i>
		OU-2	31	31	100%	0.0037	0.011	0.012	0.022	0.0057	0.01	0.05

Notes:

pCi/g = picocurie per gram

NA = value not available

p-values < 0.01 are shown in italic.

BRC/TIMET regional background dataset is used as background.

Shapiro Wilk tests use 1/2 the detection limit (DL) for non-detects.

**Table C-5d. Background Comparisons for Radionuclides in OU-2 Soils
Nevada Environmental Response Trust Site
Henderson, Nevada**

Chain	Chemical Name	Location	Distribution	<i>t</i> -test	<i>t</i> -test (logged data)	Gehan Test	Quantile Test (0.8)	Slippage Test	Fail Statistical Testing for Background Consistency?
				(<i>p</i> -value)	(<i>p</i> -value)	(<i>p</i> -value)	(<i>p</i> -value)	(<i>p</i> -value)	
Uranium-238	Uranium-238	OU-2	NP	1	1	1	1	1	No
	Uranium-234	OU-2	NP	1	1	1	1	1	No
	Thorium-230	OU-2	NP	1	1	1	1	1	No
	Radium-226	OU-2	LN	1	1	1	1	1	No
Thorium-232	Thorium-232	OU-2	NP	1	0.9	1	1	0.2	No
	Thorium-228	OU-2	NP	1	0.9	1	0.9	1	No
	Radium-228	OU-2	N, LN	0.9	0.7	0.9	1	1	No
Uranium-235	Uranium-235	OU-2	NP	1	1	1	1	1	No

Notes:

NA = value not available

p-values in italics indicate $p < 0.025$

Background comparison tests use 1/2 the detection limit (DL) for non-detects in the parametric test (*t*-test) and the DL for non-parametric tests (Gehan test, quantile test, and slippage test).

BRC/TIMET regional background dataset is used as background.

For small sample size (≤ 100), final background determination is based on both parametric and non-parametric testing results.

Distribution:

N = OU-2 SLERA Area data and background data consistent with normal distribution

LN = OU-2 SLERA Area data and background data consistent with log-normal distribution

NP = OU-2 SLERA Area data or background data is not consistent with both normal distribution and log-normal distribution.

Table C-5e. Equivalence Test for Secular Equilibrium of Uranium Decay Series (U-238 Chain)¹

Nevada Environmental Response Trust Remediation Project Site, Henderson, Nevada

Location	p-value	Conclusion ²	Delta	Sample Size ³	Number Missing ⁴	Analyte	Mean Proportions of Radioactivity	95% Confid. Intervals		Shifts ⁵
								Lower	Upper	
BRC/TIMET regional background	<0.0001	in Secular Equilibrium	0.1	95	0	Ra-226	0.2396	0.2260	0.2531	0
						Th-230	0.2714	0.2595	0.2834	0
						U-234	0.2451	0.2339	0.2563	0
						U-238	0.2439	0.2341	0.2537	0
OU-2	0.5000	Not in Secular Equilibrium	0.1	31	3	Ra-226	0.3818	0.3418	0.4218	0
						Th-230	0.3902	0.3474	0.4330	0
						U-234	0.1334	0.1140	0.1528	0
						U-238	0.0946	0.0822	0.1070	0

Note:

1. Analyzed using the R code used in EnviroGISdT software tool from Neptune & Company, Inc.
2. Tool states "in Secular Equilibrium" if the computed *p*-value is less than a standard significance level of 0.05.
3. Sample dataset includes field duplicates.
4. Count of sampling locations for which one or more results are unavailable. These sampling locations are not counted in the sample size and are not included in the secular equilibrium calculation.
5. Data Shift - Lists the values of the data shift utilized by the tool in case of negative radioactivity measurements. All measurements values for that radioisotope are shifted upwards by the shift value so that all values are non-negative. A zero shift value indicates lack of negative measurements.

Table C-5f. Equivalence Test for Secular Equilibrium of Thorium Decay Series (Th-232 Chain)¹

Nevada Environmental Response Trust Remediation Project Site, Henderson, Nevada

Location	p-value	Conclusion ²	Delta	Sample Size ³	Number Missing ⁴	Analyte	Mean Proportions of Radioactivity	95% Confid. Intervals		Shifts ⁵
								Lower	Upper	
BRC/TIMET regional background	<0.0001	in Secular Equilibrium	0.1	81	14	Ra-228	0.3564	0.3417	0.3710	0
						Th-228	0.3294	0.3203	0.3385	0
						Th-232	0.3143	0.3052	0.3234	0
OU-2	<0.0001	in Secular Equilibrium	0.1	31	3	Ra-228	0.3890	0.3270	0.4510	0
						Th-228	0.3117	0.2765	0.3469	0
						Th-232	0.2993	0.2552	0.3325	0

Note:

1. Analyzed using the R code used in EnviroGISdT software tool from Neptune & Company, Inc.
2. Tool states "in Secular Equilibrium" if the computed *p*-value is less than a standard significance level of 0.05.
3. Sample dataset includes field duplicates.
4. Count of sampling locations for which one or more results are unavailable. These sampling locations are not counted in the sample size and are not included in the secular equilibrium calculation.
5. Data Shift - Lists the values of the data shift utilized by the tool in case of negative radioactivity measurements. All measurements values for that radioisotope are shifted upwards by the shift value so that all values are non-negative. A zero shift value indicates lack of negative measurements.

Table C-5g. Correlation Matrices for the Uranium Decay Series and the Thorium Decay Series
 Nevada Environmental Response Trust Site, Henderson, Nevada

i) BRC/TIMET Regional Background Soils

Uranium Decay Chain				
Correl.	Ra-226	Th-230	U-234	U-238
Ra-226	1	0.626	0.668	0.671
Th-230	0.626	1	0.765	0.754
U-234	0.668	0.765	1	0.870
U-238	0.671	0.754	0.870	1

Thorium Decay Chain			
Correl.	Ra-228	Th-228	Th-232
Ra-228	1	0.383	0.363
Th-228	0.383	1	0.751
Th-232	0.363	0.751	1

iii) OU-2 Soils

Uranium Decay Chain				
Correl.	Ra-226	Th-230	U-234	U-238
Ra-226	1	-0.197	0.023	0.097
Th-230	-0.197	1	0.338	0.338
U-234	0.023	0.338	1	0.857
U-238	0.097	0.338	0.857	1

Thorium Decay Chain			
Correl.	Ra-228	Th-228	Th-232
Ra-228	1	0.026	-0.132
Th-228	0.026	1	0.761
Th-232	-0.132	0.761	1

APPENDIX C-6
SUMMARY OF 95% UCLs FOR CONSTITUENTS RETAINED FOR FURTHER
ANALYSIS

Table C-6 Summary of 95% UCLs for Constituents Retained for Further Analysis

**TABLE C-6. Summary of 95% UCLs for Constituents Retained for Further Analysis
Nevada Environmental Response Trust Site
Henderson, Nevada**

All concentrations in mg/kg.

Chemical Group	Chemical Name	OU-2			Background		
		Maximum Detect	Students-t 95% UCL	BCa Bootstrap 95% UCL	Maximum Detect	Students-t 95% UCL	BCa Bootstrap 95% UCL
General Chemistry	Bromide	7.60E+00	1.60E+00	1.78E+00	--	--	--
General Chemistry	Bromine	1.52E+01	5.04E+00	5.16E+00	--	--	--
General Chemistry	Chlorate	6.30E+00	6.67E+00	4.56E+00	--	--	--
General Chemistry	Chloric acid	4.60E+00	1.26E+00	1.32E+00	--	--	--
General Chemistry	Chlorine	4.41E+03	7.90E+02	9.14E+02	--	--	--
General Chemistry	Nitrate (as N)	2.29E+02	2.33E+01	3.21E+01	1.02E+02	1.15E+01	1.23E+01
General Chemistry	Nitrite (as N)	4.20E+00	5.26E-01	6.28E-01	2.10E-01	4.16E-02	4.29E-02
General Chemistry	Perchlorate	2.18E+01	3.94E+00	4.35E+00	--	--	--
General Chemistry	ortho-Phosphate	2.00E+00	1.00E+00	1.02E+00	--	--	--
General Chemistry	Sulfate	1.45E+03	2.32E+02	2.73E+02	4.13E+03	2.93E+02	3.44E+02
Metals	Cadmium	5.90E-01	2.06E-01	2.12E-01	ND	6.46E-02	ND
Metals	Lead	1.36E+02	2.51E+01	2.89E+01	3.51E+01	8.94E+00	9.24E+00
Metals	Sulfur	1.21E+03	3.69E+02	4.07E+02	--	--	--
Dioxins/Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	2.17E-04	5.16E-05	5.95E-05	--	--	--
Dioxins/Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	4.57E-04	1.15E-04	1.22E-04	--	--	--
OCPs	beta-BHC	5.90E-02	9.78E-03	1.12E-02	--	--	--
OCPs	2,4-DB	6.00E-02	NA	NA	--	--	--
OCPs	Calculated DDx (ND=0.5DL)	2.84E-02	6.72E-03	7.20E-03	--	--	--
OCPs	Dicamba	2.00E-03	NA	NA	--	--	--
OCPs	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	1.20E+03	NA	NA	--	--	--
SVOCs	bis(2-Ethylhexyl)phthalate	1.00E+00	1.16E-01	1.50E-01	--	--	--
TPH	Oil Range Organics	1.50E+02	9.36E+01	9.22E+01	--	--	--
Organic Halides	Organic Halides (total)	1.80E+02	NA	NA	--	--	--

Notes:

- (a) Neptune provided Ramboll with a copy of the R codes used for the UCL calculation on May 18, 2020.
 (b) The higher UCL value generated between the bias-corrected accelerated bootstrap method (BCa UCL) and the t-test method was selected, and is shaded.

2,4-DB = 4-(2,4-dichlorophenoxy)butyric acid
 95% UCL = 95% upper confidence level of the mean
 BCa = bias-corrected accelerated
 BHC = Hexachlorocyclohexane
 CASRN = Chemical Abstract Service Registration Number
 DDT = Dichlorodiphenyltrichloroethane
 DDx = Sum of all DDT metabolites
 DL = Detection limit
 mg/kg = milligram(s) per kilogram
 NA = Not applicable, sample count doesn't allow for UCL calculation
 ND = Not detected

OCPs = Organochlorine pesticides
 OU-2 = Operable Unit 2
 SVOCs = Semivolatile organic compounds
 TEQ = Toxic equivalency quotient
 TPH = Total petroleum hydrocarbons
 UCL = Upper confidence limit
 -- = Data not available

APPENDIX D
FOOD WEB MODEL EXPOSURE INFORMATION

- D-1 Food Web Uptake Approaches for Plants, Invertebrates, and Mammals
- D-2 Exposure Parameters for Birds and Mammals Included in the OU-2 SLERA

APPENDIX D-1
FOOD WEB UPTAKE APPROACHES FOR PLANTS, INVERTEBRATES, AND
MAMMALS

Table D-1a	Food Web Uptake Approach for Soil to Terrestrial Plants
Table D-1b	Food Web Uptake Approach for Soil to Terrestrial Invertebrates
Table D-1c	Food Web Uptake Approach for Soil to Prey Mammals

**TABLE D-1a. Food Web Uptake Approach for Soil to Terrestrial Plants
Nevada Environmental Response Trust Site
Henderson, Nevada**

Group	Chemical	CASRN	Kow	Log (Kow)	Log (Koc)	Soil to Terrestrial Plant			
						BCF		Basis	
General Chemistry	Perchlorate	14797-73-0	NA	NA	NA		$\ln(Cp)=0.5891 * \ln(Cs) + 2.410$	a	DW
Metals	Cadmium	7440-43-9	NA	NA	NA		$\ln(Cp)= 0.546 * \ln(Cs) - 0.475$	b	DW
Metals	Lead	7439-92-1	NA	NA	NA		$\ln(Cp)= 0.561 * \ln(Cs) - 1.328$	b	DW
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	TEQ-M(0.5L)	NA	NA	NA		5.60E-03	c1	DW
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	TEQ-A(0.5L)	NA	NA	NA		5.60E-03	c1	DW
OCPs	beta-BHC	319-85-7	6.46E+03	3.81E+00	3.33E+00	d	2.43E-01	c2	DW
OCPs	Calculated DDx (ND=0.5DL)	REH DDx	NA	NA	NA		$\ln(Cp)= 0.7524 * \ln(Cs) - 2.5119$	b	DW

Notes:

BCF = Bioconcentration factor

BHC = Hexachlorocyclohexane

Cp = Concentration in plant tissue (mg/kg dry weight)

Cs = Concentration in soil (mg/kg)

D/F = Dioxins and furans

DDD = Dichlorodiphenyldichloroethane

DDE = Dichlorodiphenyldichloroethylene

DDT = Dichlorodiphenyltrichloroethane

DDx = DDx includes DDT, DDD, and DDE isomers for the evaluation of potential risks related to the chemical mixture

DL = Detection limit

DW = Dry weight

Koc = Soil adsorption coefficient

Kow = Partition coefficient

log = Logarithm base 10

ln = Natural log

mg/kg = Milligram per kilogram

NA = Not applicable

ND = Non-detected concentrations

OCPs = Organophosphate pesticides

TEQ = Toxic equivalent quotient

- (a) Tsao A and Sample B. 2005. Literature-derived Bioaccumulation Models for Energetic Compounds in Plants and Soil Invertebrates. CH2M Hill Technical Memo prepared for Mark S. Johnson, US Army Center for Health Promotion and Preventive Medicine. Table 3.1-1. As a conservative measure, the average foliage uptake value from soil was used.
- (b) USEPA. 2007. Guidance for Developing Ecological Soil Screening Levels (OSWER Directive 9285.7-55) EcoSSL Guidance. Washington, D.C.: USEPA, Office of Solid Waste and Emergency Response. April.
- (c) USEPA Region 6. 1999. Screening level ecological risk assessment protocol for hazardous waste combustion facilities. Volume One. EPA530-D-99-001A. August.
- (d) USEPA. 1996. Soil Screening Guidance: Technical Background Document (EPA/540/R-95/128). Part 5: Chemical-Specific Parameters. July. Table 36 for Kows and Table 39 for Kocs. Geomean values used.
 - 1 Value for 2,3,7,8-TCDD used as a surrogate.
 - 2 The BCF was calculated as: $\log BCF = 1.588 - 0.578 \times \log Kow$ (Travis and Arms 1988 as cited in USEPA Region 6 USEPA Region 6 [1999], Table C-2).

**TABLE D-1b. Food Web Uptake Approach for Soil to Terrestrial Invertebrates
Nevada Environmental Response Trust Site
Henderson, Nevada**

Group	Chemical	Kow	Log (Kow)	Log (Koc)	Surface Soil to Terrestrial Invertebrate		
					BCF		Basis
General Chemistry	Perchlorate	NA	NA	NA	2.26	a	DW
Metals	Cadmium	NA	NA	NA	$\ln(C_i) = 0.795 * \ln(C_s) + 2.114$	b	DW
Metals	Lead	NA	NA	NA	$\ln(C_i) = 0.807 * \ln(C_s) - 0.218$	b	DW
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	NA	NA	NA	0.39	c1, 2	WW
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	NA	NA	NA	0.39	c1, 2	WW
OCPs	beta-BHC	6.46E+03	3.81E+00	3.33E+00	1.83	b3	WW
OCPs	Calculated DDx (ND=0.5DL)	NA	NA	NA	11.2	b	DW

Notes:

BCF = Bioconcentration factor

BHC = Hexachlorocyclohexane

Ci = Concentration in invertebrate tissue (mg/kg dry weight)

Cs = Concentration in soil (mg/kg)

D/F = Dioxins and furans

DDD = Dichlorodiphenyldichloroethane

DDE = Dichlorodiphenyldichloroethylene

DDT = Dichlorodiphenyltrichloroethane

DDx = DDx includes DDT, DDD, and DDE isomers for the evaluation of potential risks related to the chemical mixture

DL = Detection limit

DW = Dry weight

Koc = Soil adsorption coefficient

Kow = Partition coefficient

log = Logarithm base 10

ln = Natural log

NA = Not applicable

ND = Non-detected concentrations

OCPs = Organophosphate pesticides

TEQ = Toxic equivalent quotient

WW = Wet weight

- (a) Tsao A and Sample B. 2005. Literature-derived Bioaccumulation Models for Energetic Compounds in Plants and Soil Invertebrates. CH2M Hill Technical Memo prepared for Mark S. Johnson, US Army Center for Health Promotion and Preventive Medicine. Table 3.2-1. Average earthworm uptake value from soil.
- (b) USEPA. 2007. Guidance for Developing Ecological Soil Screening Levels (OSWER Directive 9285.7-55) EcoSSL Guidance. Washington, D.C.: USEPA, Office of Solid Waste and Emergency Response. April.
- (c) Ramboll calculated uptake factor based on USEPA 2007. See text for more details regarding the calculation.
- (d) USEPA. 1996. Soil Screening Guidance: Technical Background Document (EPA/540/R-95/128). Part 5: Chemical-Specific Parameters. July. Table 36 for Kows and Table 39 for Kocs. Median values used.
- 1 Value for 2,3,7,8-TCDD used as a surrogate.
- 2 The site-specific uptake factor for dioxin and furan TEQs (as 2,3,7,8-TCDD) is 0.39 times the concentration in soil, for wet weight earthworms. Because earthworms would be expected to accumulate dioxins and furans from soil at a rate more readily than other invertebrates, such as crickets, grasshoppers, moths, and other invertebrates that are also in the food web, this value is reduced to 0.19 in calculating the total daily intake for a receptor to reflect that half of the uptake from earthworms is the equivalent of the overall diet which includes other lesser exposed soil invertebrates.
- 3 For organic compounds with no available BCFs, the BCFs were determined using the following equation: Concentration in worm = Concentration in soil x $(10^{(0.87 * \log Kow - 2)}) / (fOC * Koc)$. The latter part of the equation is the BCF. This is from the USEPA 2007 EcoSSL guidance document, Section 3.2.2 and Table 5 of Attachment 4-1.
- Approximate average fOC (based on OU-2 data): 0.005287 or 0.53%

**TABLE D-1c. Food Web Uptake Approach for Soil to Prey Mammals
Nevada Environmental Response Trust Site
Henderson, Nevada**

Group	Chemical	Surface Soil to Prey Mammal		
		BCF		Basis
General Chemistry	Perchlorate	4.7E-01	a	DW
Metals	Cadmium	$\ln(C_m) = 0.4723 * \ln(C_s) - 1.2571$	b	DW
Metals	Lead	$\ln(C_m) = 0.4422 * \ln(C_s) + 0.0761$	b	DW
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	7.41E-04	c1	WW
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	7.41E-04	c1	WW
OCPs	beta-BHC	$\ln(C_m) = 0.7254 * \ln(C_d) + 1.1788$	b2, 3	DW
OCPs	Calculated DDx (ND=0.5DL)	$4.83 * C_d$	b3	DW

Notes:

BCF	Bioconcentration factor
BHC	Hexachlorocyclohexane
Cd	Concentration in diet (assumed to be 100% earthworms and in mg/kg wet weight)
Cm	Concentration in small mammal tissue (mg/kg dry weight)
Cs	Concentration in soil (mg/kg)
D/F	Dioxins and furans
DDE	Dichlorodiphenyldichloroethylene
DDD	Dichlorodiphenyldichloroethane
DDT	Dichlorodiphenyltrichloroethane
DDx	DDx includes DDT, DDD, and DDE isomers for the evaluation of potential risks related to the chemical mixture
DL	Detection limit
DW	Dry weight
Koc	Soil adsorption coefficient
Kow	Partition coefficient
ln	Natural log
log	Logarithm
NA	Not applicable
ND	Non-detected concentrations
OCPs	Organophosphate pesticides
TEQ	Toxic equivalent quotient
WW	Wet weight

- (a) Smith, P. N., L. Yu, S.T. McMurry, and T.A. Anderson. 2004. Perchlorate in Water, Soil, Vegetation, and Rodents Collected from the Las Vegas Wash, Nevada, USA. Environmental Pollution, 132(1): 121–127.
- (b) USEPA. 2007. Guidance for Developing Ecological Soil Screening Levels (OSWER Directive 9285.7-55) EcoSSL Guidance. Washington, D.C.: USEPA, Office of Solid Waste and Emergency Response. April.
- (c) USEPA Region 6. 1999. Screening Level Ecological Risk Assessment Protocol for Hazardous Waste Combustion Facilities. Volume One (EPA530-D-99-001A). August.
- 1 Value for 2,3,7,8-TCDD and least shrew used as a surrogate.
- 2 No value available. Value for DDT from used as a surrogate.
- 3 The site-specific uptake factor for organochlorine pesticides is based on the concentration of the pesticide in dry weight earthworms. Because earthworms would be expected to accumulate pesticides from soil at a rate more readily than other invertebrates, such as crickets, grasshoppers, moths, and other invertebrates that are also in the food web and more likely to be encountered at the site, the uptake into small mammals value is reduced by half in calculating the total daily intake for a receptor to reflect that half of the uptake from earthworms is the equivalent of the overall diet which includes other lesser exposed soil invertebrates.

APPENDIX D-2
EXPOSURE PARAMETERS FOR BIRDS AND MAMMALS INCLUDED IN THE
OU-2 SLERA

Table D-2a	Coopers Hawk Exposure Parameters
Table D-2b	Kit Fox Exposure Parameters
Table D-2c	Western Burrowing Owl Exposure Parameters
Table D-2d	American Robin Exposure Parameters
Table D-2e	Desert Shrew Exposure Parameters
Table D-2f	Fringed Myotis Exposure Parameters
Table D-2g	Raccoon Exposure Parameters
Table D-2h	Mourning Dove Exposure Parameters
Table D-2i	Great Basin Pocket Mouse Exposure Parameters

**TABLE D-2a. Coopers Hawk Exposure Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada**

Exposure Parameter	Description	Values Selected for Exposure and Risk Calculations
Cooper's Hawk	Order: Accipitriformes Family: Accipitridae Species: <i>Accipiter cooperii</i>	
Body Weight (BW) (kg)	Weight of male birds can range from 220-410 grams and weight of females birds can range from 330-680 grams (Cornell University 2017).	Average of 0.315 kg (male) Average of 0.505 kg (female) Average of 0.410 kg (both)
Dietary Makeup	Cooper's hawk are reported to forage primarily on medium-sized birds (approximately 60-80%), with small mammals making up the remainder. However, Bielefeldt et al. (1992) suggest that the methods used in most dietary studies overestimate the proportion of birds in the diet and that small mammals may constitute the primary food. (ORNL 1997).	60-80% Birds 20-40% Small Mammals
Ingestion Rate for Food (IRf) (kg ww/d)	Craighead and Craighead (1969, as cited in ORNL 1997) estimated the average consumption of two females and a male during spring and summer to be 0.165 grams of wet weight food per gram of body weight per day. This converts to 0.0677 kg ww food per day using an average body weight of 410 grams.	0.0677
Ingestion Rate for Water (IRw) (L/day)	Based on the allometric equation for water intake for all birds: Water Intake (L/day) = 0.059 Wt ^{0.67} , where Wt is in kg (USEPA 1993).	0.03247
Ingestion Rate for Soil (IRs) (as % of diet)	Assume that soil consumption does not occur with predation of birds and mammals.	0%
Home Range (ha)	Reported home range size range from 400 to 1,800 ha during breeding season with a mean non-breeding range of 203 ha (18-531ha) (ORNL 1997)	203
Exposure Frequency (EF) (unitless)	Birds from the northern portion of the range are migratory, although some stay resident year-round even in Canada. Southern birds may be locally migratory or more or less resident, leaving high elevations for more protected low elevations during winter. Northern populations migratory (ORNL 1997). Cooper's hawks at the site are presumed to be year-round residents.	1

Notes:

BW = Body weight
EF = Exposure frequency
g = Gram
ha = Hectare
IRf = Ingestion rate for food
IRs = Ingestion rate for soil
IRw = Ingestion rate for water
kg = Kilogram
L = Liter
SFF = Site foraging frequency
Wt = Weight

References:

Cornell University 2017: Cornell University. 2017. "Cooper's Hawk Identification." The Cornell Lab of Ornithology All About Birds. https://www.allaboutbirds.org/guide/coopers_hawk/id (Last Updated: 2017; Accessed: 09/04/2019).

ORNL 1997: Sample, B.E., M.S. Aplin, R.A. Efroymson, G.W. Suter II, and C.J.E. Welsh. 1997. Methods and Tools for Estimation of the Exposure of Terrestrial Wildlife to Contaminants (ORNL/TM-13391). Oak Ridge National Laboratory, Oak Ridge, Tennessee. 155 pg.

USEPA 1993: USEPA. 1993. Wildlife Exposure Factors Handbook - Volume 1 of II (EPA/600/R-93/187). Washington, D.C.: Office of Research and Development, USEPA. December.

**TABLE D-2b. Kit Fox Exposure Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada**

Exposure Parameter	Description	Values Selected for Exposure and Risk Calculations
Kit Fox	Order: Carnivora Family: Canidae Species: <i>Vulpes macrotis</i>	
Body Weight (BW) (g)	The mean adult body weight for both males and females is 1.78 kg for kit foxes in Arizona (range 1.67 - 1.87 kg) (ORNL 1997).	1780 g
Dietary Makeup	Kit foxes are almost exclusively carnivorous, with primary prey being small mammals and rabbits (McGrew 1979, as cited in ORNL 1997).	100% Small Mammals
Ingestion Rate for Food (IRf) (kg ww/day)	Egoscue (1962, as cited in ORNL 1997) determined that captive kit foxes ate an average of 175 grams of fresh meat per day or 0.175 kg of wet food per day.	0.175
Ingestion Rate for Water (IRw) (L/day)	Kit foxes appear to obtain adequate moisture from their prey species (ORNL 1997).	0%
Ingestion Rate for Soil (IRs) (as % of diet)	Literature data on soil consumption for kit foxes could not be found; therefore, the value for red fox was used as a surrogate (ORNL 1997).	2.80%
Home Range (ha)	The overall average home range for kit foxes in Arizona was 1120 ± 94 ha (ORNL 1997).	1120
Exposure Frequency	Kit foxes are non-migratory.	EF = 1

Notes:

BW = Body weight
 EF = Exposure frequency
 g = Gram
 ha = Hectare
 IRf = Ingestion rate for food
 IRs = Ingestion rate for soil
 IRw = Ingestion rate for water
 kg = Kilogram
 L = Liter
 SFF = Site foraging frequency
 Wt = Weight

References:

ORNL 1997: Sample, B.E., M.S. Aplin, R.A. Efroymson, G.W. Suter II, and C.J.E. Welsch. 1997. Methods and Tools for Estimation of the Exposure of Terrestrial Wildlife to Contaminants (ORNL/TM-13391). Oak Ridge National Laboratory, Oak Ridge, Tennessee. 155 pg.

USEPA 1993: USEPA. 1993. Wildlife Exposure Factors Handbook - Volume 1 of II (EPA/600/R-93/187). Washington, D.C.: Office of Research and Development, USEPA. December.

**TABLE D-2c. Western Burrowing Owl Exposure Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada**

Exposure Parameter	Description	Values Selected for Exposure and Risk Calculations
Burrowing Owl	Order: Strigiformes Family: Strigidae Species: <i>Athene cunicularia</i>	
Body Weight (BW) (kg)	The average body weight of burrowing owls in Colorado is 146.3 grams (males) and 156.1 grams (females) (ORNL 1997).	0.146 kg (male) 0.156 kg (female) 0.151 kg (both)
Dietary Makeup	Burrowing owls are opportunistic feeders, foraging on arthropods, small mammals, and small birds. Diets vary by season, according to availability of prey.	25% Small Mammals 75% Invertebrates
Ingestion Rate for Food (IRf) (kg ww/day)	Based on the allometric equation for non-passerine birds: food Intake (g/day) = 0.301 Wt ^{0.751} , where Wt is in grams (USEPA 1993), and converted to wet weight using 70% moisture content (USEPA 1993).	0.043
Ingestion Rate for Water (IRw) (L/day)	Based on the allometric equation for water intake for all birds. Water Intake (L/day) = 0.059 Wt ^{0.67} , where Wt is in kg. (USEPA 1993)	0.01663
Ingestion Rate for Soil (IRs) (as % of diet)	Sand, dirt, and rocks accounted for 0.12 to 15% of the volume of pellets of burrowing owls from California (ORNL 1997).	5% of diet
Home Range (ha)	Although the mean home range size of owls in Saskatchewan was 241 ha (range = 14-481 ha; Haug and Oliphant 1990 as cited in ORNL 1997), 95% of all movement occurred within 600 m of nest burrows.. Assumes circular home range with radius of 600m.	113
Exposure Frequency	Generally year-round residents.	EF = 1

Notes:

BW = Body weight
 EF = Exposure frequency
 g = Gram
 ha = Hectare
 IRf = Ingestion rate for food
 IRs = Ingestion rate for soil
 IRw = Ingestion rate for water
 kg = Kilogram
 L = Liter
 SFF = Site foraging frequency
 Wt = Weight

References:

ORNL 1997: Sample, B.E., M.S. Aplin, R.A. Efrogmson, G.W. Suter II, and C.J.E. Welsch. 1997. Methods and Tools for Estimation of the Exposure of Terrestrial Wildlife to Contaminants (ORNL/TM-13391). Oak Ridge National Laboratory, Oak Ridge, Tennessee. 155 pg.

USEPA 1993: USEPA. 1993. Wildlife Exposure Factors Handbook - Volume 1 of II (EPA/600/R-93/187). Washington, D.C.: Office of Research and Development, USEPA. December.

**TABLE D-2d. American Robin Exposure Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada**

Exposure Parameter	Description	Values Selected for Exposure and Risk Calculations
American Robin	Order: Passeriformes Family: Turdidae Species: <i>Turdus migratorius</i>	
Body Weight (BW) (kg)	Mean adult body weights range from 77 to 86 grams. The average mean adult body weight is approximately 81 grams (USEPA 1993).	0.081
Dietary Makeup	Robins forage by hopping along the ground in search of ground-dwelling invertebrates and by searching for fruit and foliage-dwelling insects in shrubs and low tree branches. In the months preceding and during the breeding season, robins feed mainly on invertebrates and on some fruits; during the remainder of the year, their diet consists primarily of fruits (USEPA 1993).	40 to 90% Invertebrates 10 to 60% Plants
Ingestion Rate for Food (IRf) (kg ww/day)	The average of two food ingestion rates (0.89 g/g-day and 1.52 g/g-day) for adults and juvenile robins was used (USEPA 1993). This was converted to 0.098 kg ww food/day using an average body weight of 0.081 kilograms.	0.098
Ingestion Rate for Water (IRw) (L/day)	Based on the allometric equation for water intake for all birds. Water Intake (L/day) = $0.059 Wt^{0.67}$, where Wt is in kilograms (USEPA 1993).	0.011
Ingestion Rate for Soil (IRs) (as % of diet)	Information on soil ingestion in American robins could not be found. According to US Army (2004), both robins and woodcocks consume earthworms; however, earthworms comprise >60 percent and up to 99 percent of the American woodcock diet compared to <20 percent of the American robin diet (Howell, 1942). Therefore, the soil ingestion rate of 10.4% of the diet reported for American woodcocks is likely to be an extreme upperbound for the robin. If the soil ingestion rate is proportioned to the percent of earthworms in the diet, then soil would only make up 2.1 percent of the robin diet (USACHPPM 2004).	2%
Home Range (ha)	Mean home range sizes range for male and female adult robins are 0.15 to 0.81 ha. The average is approximately 0.30 ha (USEPA 1993).	0.48
Exposure Frequency (EF) (unitless)	Most robins nesting in the northern United States and Canada winter in the Gulf Coast States and the Carolinas. Most northern robins leave their breeding grounds from September to November and return between February and April. Robins at the site are presumed to be year-round residents.	EF = 1

Notes:

BW = Body weight
EF = Exposure frequency
g = Gram
ha = Hectare
IRf = Ingestion rate for food
IRs = Ingestion rate for soil
IRw = Ingestion rate for water
kg = Kilogram
L = Liter
SFF = Site foraging frequency
Wt = Weight

References:

USACHPPM 2004: USACHPPM. 2004. Development of Terrestrial Exposure and Bioaccumulation Information for the Army Risk Assessment Modeling System (ARAMS). U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM) Contract Number DAAD050-00-P-8365, Aberdeen Proving Ground, Maryland, 2004.

USEPA 1993: USEPA. 1993. Wildlife Exposure Factors Handbook - Volume 1 of II (EPA/600/R-93/187). Washington, D.C.: Office of Research and Development, USEPA. December.

**TABLE D-2e. Desert Shrew Exposure Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada**

Exposure Parameter	Description	Values Selected for Exposure and Risk Calculations
Desert Shrew	Order: Insectivora Family: Soricidae Species: <i>Nitiosorex crawfordi</i>	
Body Weight (BW) (kg)	The average weight is 4 g with a range from 3.5 to 4.5 g for adults (USACHPPM 2004).	0.0040
Dietary Makeup	Desert shrews are carnivorous, primarily insectivorous, but are nonselective in their diets. Common prey items include ground dwelling invertebrates such as crickets, cockroaches, grasshoppers, earwigs, and beetles as well as meal worms and cut worms. Occasionally they will eat centipedes and carrion such as dead birds, mammals, and reptiles, but will not eat live rodents (Armstrong and Jones, 1972; as cited in USACHPPM 2004).	95% Invertebrates 5% Small Mammals
Ingestion Rate for Food (IRf) (kg ww/day)	Dixon (1924; as cited in USACHPPM 2004) reported that a captive desert shrew consumed 2.3 g of food per day or 0.0023 kg of wet food per day. Desert shrews generally consume 75 percent or more of their body weight each day, and may consume food exceeding their own weight in a 24-hour period (USACHPPM 2004).	0.0023
Ingestion Rate for Water (IRw) (L/day)	Desert Shrews have extremely efficient kidneys relative to other shrews and a permanent source of water does not appear to be required. Where water is not available, the desert shrew appears to be able to obtain sufficient water for survival from its' food sources . If water is available, however, desert shrews will readily drink and are often found in the vicinity of a water source (USACHPPM 2004). Based on the allometric equation for all mammals (USEPA 1993): Water Intake L/day = 0.099 Wt ^{0.90} , weight is in kilograms	0.0007
Ingestion Rate for Soil (IRs) (as % of diet)	Talmage and Walton (1993; as cited in USACHPPM 2004) reported a soil ingestion rate of 13 percent of the diet for short-tailed shrews and it is likely that desert shrews have a similar rate.	13%
Home Range (ha)	No information readily available regarding the home range of desert shrews in the wild. The home range of desert shrew is estimated to be between 0.08-0.72 hectares using the following equations (USACHPPM 2004), an average body weight of 4 grams, and converted to hectares (if needed): HR = 6.76 Wt ^{0.63} , weight in kilograms (general equation) HR = 12.6 Wt ^{0.71} , weight in kilograms (equation for hunters, which includes granivores, frugivores, insectivores, and carnivores) HR = 0.11 Wt ^{1.36} , weight in grams (equation for carnivores) The average of the three calculated home ranges was used.	0.30
Exposure Frequency	Shrews do not migrate; therefore, a value of 1 will be used to represent the annual presence of indigenous populations (USEPA 1993).	EF=1

Notes:

BW = Body weight
EF = Exposure frequency
g = Gram
ha = Hectare
IRf = Ingestion rate for food
IRs = Ingestion rate for soil

IRw = Ingestion rate for water
kg = Kilogram
L = Liter
SFF = Site foraging frequency
Wt = Weight

References:

USACHPPM 2004: USACHPPM. 2004. Development of Terrestrial Exposure and Bioaccumulation Informaion for the Army Risk Assessment Modeling System (ARAMS). U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM) Contract Number DAAD050-00-P-8365, Aberdeen Proving Ground, Maryland, 2004.

USEPA 1993: USEPA. 1993. Wildlife Exposure Factors Handbook - Volume 1 of II (EPA/600/R-93/187). Washington, D.C.: Office of Research and Development, USEPA. December.

**TABLE D-2f. Fringed Myotis Exposure Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada**

Exposure Parameter	Description	Values Selected for Exposure and Risk Calculations
Fringed Myotis (Mouse eared bat)	Order: Chiroptera Family: Vespertilionidae Species: <i>Myotis thysanodes</i>	
Body Weight (BW) (kg)	<i>Myotis thysanodes</i> is one of the larger <i>Myotis</i> species, with an adult weight of 5 to 9 grams (ADW 2002).	0.007
Dietary Makeup	Fringed myotis feed primarily on beetles and other insects such as moths, harvestman, crickets, flies, and spiders (CWHRS 2016; ADW 2002).	100% Invertebrates
Ingestion Rate for Food (IRf) (kg ww/day)	Food ingestion rate for fringed myotis was calculated based on the allometric equation for all mammals (USEPA 1993): Food Intake (kg/day) = $0.235 Wt^{0.822}$, weight in grams It was converted to kg ww food/day using an approximate average of 75% moisture content in prey items (USEPA 1993).	0.0047
Ingestion Rate for Water (IRw) (L/day)	The ingestion rate for water is based on the allometric equation for all mammals (USEPA 1993): Water Intake (L/day) = $0.099 Wt^{0.90}$, weight in kilograms	0.0011
Ingestion Rate for Soil (IRs) (as % of diet)	No published data were found concerning soil ingestion by fringed myotis; however, as an aerial insectivore, soil ingestion is assumed to be negligible.	0%
Home Range (hectares)	There is no information readily available on the home range of the fringed myotis; therefore, the home range of the spotted bat was used as a surrogate. In a study by Chamber et al. (2011) in Arizona, spotted bats had a home range of 297 km ² , or 29,700 hectares.	29,700
Site Foraging Frequency (SFF) (unitless)	The SFF is the ratio of the site area to the home range, not to exceed a maximum value of 1.	SFF=1
Exposure Frequency	The species is migratory, making relatively short, local movements to suitable habitat (CWHRS 2016).	EF=1

Notes:

BW = Body weight
EF = Exposure frequency
g = Gram
ha = Hectare
IRf = Ingestion rate for food
IRs = Ingestion rate for soil
IRw = Ingestion rate for water
kg = Kilogram
L = Liter
SFF = Site foraging frequency
Wt = Weight

References:

ADW 2002: Vingiello, S. 2002. "Myotis thysanodes" (On-line), Animal Diversity Web. Accessed September 06, 2019 at https://animaldiversity.org/accounts/Myotis_thysanodes/

Chambers et al. (2011): Chambers, C.L., M.J. Herder, K. Yasuda, D.G. Mikesic, S.M. Dewhurst, W.M. Masters, and D. Vleck. 2011. Roosts and home ranges of spotted bats (*Euderma maculatum*) in northern Arizona. *Canadian Journal of Zoology* 89(12): 1256-1267.

CWHRS 2016: Harris J. 2016. California Wildlife Habitat Relationship System, California Department of Fish and Wildlife, California Interagency Wildlife Task Group. <https://www.wildlife.ca.gov/Data/CWHR/Life-History-and-Range> (Last updated 2016; Accessed 9/6/2019).

USEPA 1993: USEPA. 1993. *Wildlife Exposure Factors Handbook - Volume 1 of II* (EPA/600/R-93/187). Washington, D.C.: Office of Research and Development, USEPA. December.

**TABLE D-2g. Raccoon Exposure Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada**

Exposure Parameter	Description	Values Selected for Exposure and Risk Calculations
Raccoon	Order: Carnivora Family: Procyonidae Species: <i>Procyon lotor</i>	
Body Weight (BW) (kg)	Mean adult body weight ranges from 3.67 to 7.6 kilograms (kg) (USEPA 1993). The average mean body weights is 5.6 kg.	5.6
Dietary Makeup	Raccoons are omnivores and opportunistic eaters. They feed primarily on fleshy fruits, nuts, acorns, and corn but also eat grains, insects, frogs crayfish, eggs, and virtually any animal and vegetable matter. The proportion of different foods in their diet depends on location and season, although plants are usually a more important component of the diet (USEPA 1993).	40% Invertebrates 60% Plants
Ingestion Rate for Food (IRf) (kg ww/day)	Food ingestion rate was calculated using the allometric equation for all mammals (USEPA 1993): Food Intake (g/day) = 0.235 Wt ^{0.822} , weight in grams.	1.14
Ingestion Rate for Water (IRw) (L/day)	Water ingestion rate was calculated using the allometric equation for all mammals (USEPA 1993): Water Intake L/day = 0.099 Wt ^{0.90} , weight in kilograms.	0.47
Ingestion Rate for Soil (IRs) (as % of diet)	The estimated percent soil in diet (in dry weight) for raccoons is 9.4%.	9.40%
Home Range (ha)	Mean home range sizes range from 39 to 2,560 ha (USEPA 1993). Average of mean home range sizes is 630 ha.	630
Site Foraging Frequency (SFF) (unitless)	The SFF is the ratio of the site area to the home range, not to exceed a maximum value of 1. The racoons are assumed to forage exclusively on the site so smaller sections of the site may be evaluated using an area use factor that will lower the SFF.	SFF=1
Exposure Frequency	Raccoons are year-round residents at the site.	EF=1

Notes:

BW = Body weight
 EF = Exposure frequency
 g = Gram
 ha = Hectare
 IRf = Ingestion rate for food
 IRs = Ingestion rate for soil
 IRw = Ingestion rate for water
 kg = Kilogram
 L = Liter
 SFF = Site foraging frequency
 Wt = Weight

References:

USEPA 1993: USEPA. 1993. Wildlife Exposure Factors Handbook - Volume 1 of II (EPA/600/R-93/187). Washington, D.C.: Office of Research and Development, USEPA. December.

**TABLE D-2h. Mourning Dove Exposure Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada**

Exposure Parameter	Description	Values Selected for Exposure and Risk Calculations
Mourning Dove	Order: Columbiformes Family: Columbidae Species: <i>Zenaida macroura</i>	
Body Weight (BW) (kg)	The average mean range of mourning doves ranged from 99.3-114.6 grams for those in New Mexico (USACHPPM 2004). The average of 0.107 kilograms was used.	0.107
Dietary Makeup	Diet consists mostly of seeds although incidental ingestion of animal matter, mainly snails, and green forage may occur (USACHPPM 2004).	100% Plants
Ingestion Rate for Food (IRf) (kg ww/day)	A range for the food consumption rate of 7 to 17 grams wet food per day (or 0.007 to 0.017 kilogram wet food per day) was estimated for the mourning dove. In general, daily food intake equals about 16 percent of the body mass though it fluctuates during different seasons (USACHPPM 2004). The average (0.012 kg ww/day) of the two food ingestion values was used.	0.012
Ingestion Rate for Water (IRw) (L/day)	Water ingestion rates were calculated using the allometric equation for water intake for all birds (USEPA 1993): Water Intake (L/day) = 0.059 Wt ^{0.67} , where Wt is in kilograms.	0.013
Ingestion Rate for Soil (IRs) (as % of diet)	No information on soil ingestion was found in the literature. Beyer et al. (1994, as cited in USACHPPM 2004) reported soil ingestion of 9.3 percent of diet for wild turkeys. Because mourning doves also forage on the ground, it is assumed that mourning doves would have a comparable soil ingestion to that of wild turkeys. However, it should be noted that 9.3 percent is likely an upperbound value and therefore, its use would be very conservative (USACHPPM 2004).	9.3%
Home Range (ha)	In Missouri, adult mourning doves had feeding and resting areas located considerable distances from nest sites, with males ranging 1 - 8 km from the nest daily. Females sometimes seen as far as 5 km from nest. In Idaho, maximum distances traveled from feeding and loafing sites to nests averaged 4 km (USACHPPM 2004). Home range in hectares was calculated using a radius of 4.467 km (average kilometer of home ranges), assuming a circular home range, and converted to hectares.	6,265
Site Foraging Frequency (SFF) (unitless)	The SFF is the ratio of the site area to the home range, not to exceed a maximum value of 1.	SFF=1
Exposure Frequency	Specific habitats used during migration not well studied but do not appear to differ markedly from those used at other times of year. Habitat quality is determined primarily by food availability and roosting and loafing cover. Assumed to be non-migratory.	EF=1

Notes:

BW = Body weight
EF = Exposure frequency
g = Gram
ha = Hectare
IRf = Ingestion rate for food
IRs = Ingestion rate for soil

IRw = Ingestion rate for water
kg = Kilogram
L = Liter
SFF = Site foraging frequency
Wt = Weight

References:

USACHPPM 2004: USACHPPM. 2004. Development of Terrestrial Exposure and Bioaccumulation Information for the Army Risk Assessment Modeling System (ARAMS). U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM) Contract Number DAAD050-00-P-8365, Aberdeen Proving Ground, Maryland, 2004.

USEPA 1993: USEPA. 1993. Wildlife Exposure Factors Handbook - Volume 1 of II (EPA/600/R-93/187). Washington, D.C.: Office of Research and Development, USEPA. December.

**TABLE D-2i. Great Basin Pocket Mouse Exposure Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada**

Exposure Parameter	Description	Values Selected for Exposure and Risk Calculations
Great Basin Pocket Mouse	Order: Rodentia Family: Heteromyidae Species: <i>Perognathus parvus</i>	
Body Weight (BW) (kg)	The mean adult body weight in Nevada range is 25.4 g (males) and 20.5 g (females) (ORNL 1997). The mean of 22.95 grams was used.	0.02295
Dietary Makeup	The diet of pocket mice consist primarily of seeds, although insects may be consumed in spring before seeds become available (ORNL 1997).	10% Invertebrates 90% Plant Material
Ingestion Rate for Food (IRf) (kg ww/day)	Food ingestion rates were calculated using the allometric equation for rodents (USEPA 1993): Food Intake g/day = $0.621 Wt^{0.564}$, with weight in grams.	0.004
Ingestion Rate for Water (IRw) (L/day)	Pocket mice generally do not require water other than that contained in their food (ORNL 1997).	0
Ingestion Rate for Soil (IRs) (as % of diet)	Specific soil ingestion data was not readily available for the Great Basin pocket mouse. Soil ingestion by burrowing rodents is typically < 2% to 7.7% (ORNL 1997). The average value of this was used for the pocket mouse.	4.85%
Home Range (ha)	Home range size in New Mexico ranged from 0.44 to 2.24 ha (ORNL 1997). The average home range for the pocket mouse was used.	1.09
Site Foraging Frequency (SFF) (unitless)	The SFF is the ratio of the site area to the home range, not to exceed a maximum value of 1. The mice are assumed to forage exclusively on the site.	SFF=1
Exposure Frequency	Pocket mice are year-round residents at the site.	EF=1

Notes:

BW = Body weight
EF = Exposure frequency
g = Gram
ha = Hectare
IRf = Ingestion rate for food
IRs = Ingestion rate for soil
IRw = Ingestion rate for water
kg = Kilogram
L = Liter
SFF = Site foraging frequency
Wt = Weight

References:

ORNL 1997: Sample, B.E., M.S. Aplin, R.A. Efroymson, G.W. Suter II, and C.J.E. Welsch. 1997. Methods and Tools for Estimation of the Exposure of Terrestrial Wildlife to Contaminants (ORNL/TM-13391). Oak Ridge National Laboratory, Oak Ridge, Tennessee. 155 pg.

USEPA 1993: USEPA. 1993. Wildlife Exposure Factors Handbook - Volume 1 of II (EPA/600/R-93/187). Washington, D.C.: Office of Research and Development, USEPA. December.

APPENDIX E
FOOD WEB MODEL TOTAL DAILY INTAKE AND HAZARD QUOTIENTS
DETAILED INFORMATION

Table E-1 Potential Daily Dose and Hazard Quotients for Coopers Hawk

Table E-2 Potential Daily Dose and Hazard Quotients for Kit Fox

Table E-3 Potential Daily Dose and Hazard Quotients for Western Burrowing Owl

Table E-4 Potential Daily Dose and Hazard Quotients for American Robin

Table E-5 Potential Daily Dose and Hazard Quotients for Desert Shrew

Table E-6 Potential Daily Dose and Hazard Quotients for Fringed Myotis

Table E-7 Potential Daily Dose and Hazard Quotients for Raccoon

Table E-8 Potential Daily Dose and Hazard Quotients for Mourning Dove

Table E-9 Potential Daily Dose and Hazard Quotients for Great Basin Pocket Mouse

**TABLE E-1. Potential Daily Dose and Hazard Quotients for Coopers Hawk
Nevada Environmental Response Trust Site
Henderson, Nevada**

MAXIMUM CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	2.18E+01	1.03E+01	7.88E+00	3.28E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	5.41E-01	100	5.41E-01	1.30E+01	2.60E+01	0.04	0.02	0.04	0.02
Metals	Cadmium	5.90E-01	6.99E-02	8.71E-01	7.10E-02	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.17E-02	100	1.17E-02	1.47E+00	7.80E+00	0.008	0.002	0.008	0.002
Metals	Lead	1.36E+02	6.26E-01	6.78E+00	3.03E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	5.00E-01	100	5.00E-01	1.63E+00	3.26E+00	0.3	0.2	0.3	0.2
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	2.17E-04	1.83E-07	4.24E-05	1.61E-07	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.66E-08	100	2.66E-08	NA	NA	NA	NA	NA	NA
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	4.57E-04	3.84E-07	8.91E-05	3.39E-07	0.00E+00	0	0.00E+00	0	0.00E+00	0	5.59E-08	100	5.59E-08	1.40E-05	1.40E-04	0.004	0.0004	0.004	0.0004
OCPs	beta-BHC	5.90E-02	2.15E-03	1.08E-01	4.72E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	7.79E-02	100	7.79E-02	5.60E-01	2.25E+00	0.1	0.03	0.1	0.03
OCPs	Calculated DDx (ND=0.5DL)	2.84E-02	8.36E-04	5.10E-02	2.46E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	4.06E-02	100	4.06E-02	2.27E-01	2.27E+00	0.2	0.02	0.2	0.02

95% UCL CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	4.35E+00	3.97E+00	1.57E+00	6.53E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.08E-01	100	1.08E-01	1.30E+01	2.60E+01	0.008	0.004	0.008	0.004
Metals	Cadmium	2.12E-01	4.00E-02	3.86E-01	4.37E-02	0.00E+00	0	0.00E+00	0	0.00E+00	0	7.21E-03	100	7.21E-03	1.47E+00	7.80E+00	0.005	0.0009	0.005	0.0009
Metals	Lead	2.89E+01	2.63E-01	1.94E+00	1.53E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.52E-01	100	2.52E-01	1.63E+00	3.26E+00	0.2	0.08	0.2	0.08
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	5.95E-05	5.00E-08	1.16E-05	4.41E-08	0.00E+00	0	0.00E+00	0	0.00E+00	0	7.28E-09	100	7.28E-09	NA	NA	NA	NA	NA	NA
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	1.22E-04	1.03E-07	2.38E-05	9.06E-08	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.49E-08	100	1.49E-08	1.40E-05	1.40E-04	0.001	0.0001	0.001	0.0001
OCPs	beta-BHC	1.12E-02	4.10E-04	2.05E-02	1.42E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.34E-02	100	2.34E-02	5.60E-01	2.25E+00	0.04	0.01	0.04	0.01
OCPs	Calculated DDx (ND=0.5DL)	7.20E-03	2.97E-04	1.29E-02	6.23E-02	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.03E-02	100	1.03E-02	2.27E-01	2.27E+00	0.05	0.005	0.05	0.005

AVERAGE CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	2.56E+00	2.90E+00	9.25E-01	3.85E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.35E-02	100	6.35E-02	1.30E+01	2.60E+01	0.005	0.002	0.005	0.002
Metals	Cadmium	1.65E-01	3.49E-02	3.16E-01	3.89E-02	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.41E-03	100	6.41E-03	1.47E+00	7.80E+00	0.004	0.0008	0.004	0.0008
Metals	Lead	1.76E+01	1.98E-01	1.30E+00	1.23E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.02E-01	100	2.02E-01	1.63E+00	3.26E+00	0.1	0.06	0.1	0.06
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	3.54E-05	2.97E-08	6.89E-06	2.62E-08	0.00E+00	0	0.00E+00	0	0.00E+00	0	4.32E-09	100	4.32E-09	NA	NA	NA	NA	NA	NA
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	7.95E-05	6.68E-08	1.55E-05	5.89E-08	0.00E+00	0	0.00E+00	0	0.00E+00	0	9.72E-09	100	9.72E-09	1.40E-05	1.40E-04	0.0007	0.00007	0.0007	0.00007
OCPs	beta-BHC	6.74E-03	2.46E-04	1.23E-02	9.79E-02	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.61E-02	100	1.61E-02	5.60E-01	2.25E+00	0.03	0.007	0.03	0.007
OCPs	Calculated DDx (ND=0.5DL)	4.62E-03	2.13E-04	8.28E-03	4.00E-02	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.60E-03	100	6.60E-03	2.27E-01	2.27E+00	0.03	0.003	0.03	0.003

**TABLE E-1. Potential Daily Dose and Hazard Quotients for Coopers Hawk
Nevada Environmental Response Trust Site
Henderson, Nevada**

95% UCL BACKGROUND CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.30E+01	2.60E+01	No BKG	No BKG	No BKG	No BKG
Metals	Cadmium	6.46E-02	2.09E-02	1.50E-01	2.50E-02	0.00E+00	0	0.00E+00	0	0.00E+00	0	4.12E-03	100	4.12E-03	1.47E+00	7.80E+00	0.003	0.0005	0.003	0.0005
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.52E-01	100	1.52E-01	1.63E+00	3.26E+00	0.09	0.05	0.09	0.05
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	5.60E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG

Notes:

95% UCL = 95% upper confidence level of the mean

% = Percent

AUF = Area use factor

BHC = Hexachlorocyclohexane

BKG = Background

DL = Detection limit

DDx = Sum of all DDT metabolites

HQ = Hazard quotient

Inverts = Invertebrates

LOAEL = Lowest observed adverse effects level

mg/kg = Milligrams per kilogram

mg/kg ww = Milligram per kilogram of wet weight

mg/kg-bw d = Milligrams per kilogram bodyweight per day

NC = No criterion

ND = Nondetects

NOAEL = No observed adverse effects level

OCPs = Organophosphate pesticides

TEQ = Toxicity equivalent quotient

TRV = Toxicity reference value

- (a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
- (b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
- (c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
- (d) An AUF of 1 assumes that a receptor spends 100% of its time at the site.

**TABLE E-2. Potential Daily Dose and Hazard Quotients for Kit Fox
Nevada Environmental Response Trust Site
Henderson, Nevada**

MAXIMUM CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	2.18E+01	1.03E+01	7.88E+00	3.28E+00	1.80E-02	5.294687	0.00E+00	0	0.00E+00	0	3.22E-01	94.71	3.40E-01	6.40E+00	3.20E+01	0.05	0.01	0.05	0.01
Metals	Cadmium	5.90E-01	6.99E-02	8.71E-01	7.10E-02	4.88E-04	6.534964	0.00E+00	0	0.00E+00	0	6.98E-03	93.47	7.46E-03	7.70E-01	7.70E+00	0.01	0.001	0.009	0.0009
Metals	Lead	1.36E+02	6.26E-01	6.78E+00	3.03E+00	1.12E-01	27.39029	0.00E+00	0	0.00E+00	0	2.98E-01	72.61	4.10E-01	4.70E+00	8.90E+00	0.09	0.05	0.08	0.04
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	2.17E-04	1.83E-07	4.24E-05	1.61E-07	1.80E-07	91.90112	0.00E+00	0	0.00E+00	0	1.58E-08	8.10	1.95E-07	8.40E-06	3.10E-05	0.02	0.006	0.02	0.006
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	4.57E-04	3.84E-07	8.91E-05	3.39E-07	3.78E-07	91.90112	0.00E+00	0	0.00E+00	0	3.33E-08	8.10	4.11E-07	NA	NA	NA	NA	NA	NA
OCPs	beta-BHC	5.90E-02	2.15E-03	1.08E-01	4.72E-01	4.88E-05	0.104951	0.00E+00	0	0.00E+00	0	4.64E-02	99.90	4.65E-02	4.00E-01	2.00E+00	0.1	0.02	0.1	0.02
OCPs	Calculated DDx (ND=0.5DL)	2.84E-02	8.36E-04	5.10E-02	2.46E-01	2.35E-05	0.097053	0.00E+00	0	0.00E+00	0	2.42E-02	99.90	2.42E-02	1.47E-01	7.35E-01	0.2	0.03	0.2	0.03

95% UCL CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	4.35E+00	3.97E+00	1.57E+00	6.53E-01	3.59E-03	5.294687	0.00E+00	0	0.00E+00	0	6.42E-02	94.71	6.78E-02	6.40E+00	3.20E+01	0.01	0.002	0.01	0.002
Metals	Cadmium	2.12E-01	4.00E-02	3.86E-01	4.37E-02	1.75E-04	3.911728	0.00E+00	0	0.00E+00	0	4.30E-03	96.09	4.47E-03	7.70E-01	7.70E+00	0.006	0.0006	0.006	0.0006
Metals	Lead	2.89E+01	2.63E-01	1.94E+00	1.53E+00	2.39E-02	13.72801	0.00E+00	0	0.00E+00	0	1.50E-01	86.27	1.74E-01	4.70E+00	8.90E+00	0.04	0.02	0.04	0.02
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	5.95E-05	5.00E-08	1.16E-05	4.41E-08	4.92E-08	91.90112	0.00E+00	0	0.00E+00	0	4.34E-09	8.10	5.36E-08	8.40E-06	3.10E-05	0.006	0.002	0.006	0.002
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	1.22E-04	1.03E-07	2.38E-05	9.06E-08	1.01E-07	91.90112	0.00E+00	0	0.00E+00	0	8.90E-09	8.10	1.10E-07	NA	NA	NA	NA	NA	NA
OCPs	beta-BHC	1.12E-02	4.10E-04	2.05E-02	1.42E-01	9.29E-06	0.066592	0.00E+00	0	0.00E+00	0	1.39E-02	99.93	1.40E-02	4.00E-01	2.00E+00	0.03	0.007	0.03	0.007
OCPs	Calculated DDx (ND=0.5DL)	7.20E-03	2.97E-04	1.29E-02	6.23E-02	5.95E-06	0.097053	0.00E+00	0	0.00E+00	0	6.12E-03	99.90	6.13E-03	1.47E-01	7.35E-01	0.04	0.008	0.04	0.008

AVERAGE CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	2.56E+00	2.90E+00	9.25E-01	3.85E-01	2.12E-03	5.294687	0.00E+00	0	0.00E+00	0	3.78E-02	94.71	3.99E-02	6.40E+00	3.20E+01	0.006	0.001	0.006	0.001
Metals	Cadmium	1.65E-01	3.49E-02	3.16E-01	3.89E-02	1.36E-04	3.445342	0.00E+00	0	0.00E+00	0	3.82E-03	96.55	3.96E-03	7.70E-01	7.70E+00	0.005	0.0005	0.005	0.0005
Metals	Lead	1.76E+01	1.98E-01	1.30E+00	1.23E+00	1.45E-02	10.75212	0.00E+00	0	0.00E+00	0	1.21E-01	89.25	1.35E-01	4.70E+00	8.90E+00	0.03	0.02	0.03	0.01
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	3.54E-05	2.97E-08	6.89E-06	2.62E-08	2.92E-08	91.90112	0.00E+00	0	0.00E+00	0	2.58E-09	8.10	3.18E-08	8.40E-06	3.10E-05	0.004	0.001	0.004	0.001
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	7.95E-05	6.68E-08	1.55E-05	5.89E-08	6.57E-08	91.90112	0.00E+00	0	0.00E+00	0	5.79E-09	8.10	7.15E-08	NA	NA	NA	NA	NA	NA
OCPs	beta-BHC	6.74E-03	2.46E-04	1.23E-02	9.79E-02	5.57E-06	0.05787	0.00E+00	0	0.00E+00	0	9.62E-03	99.94	9.63E-03	4.00E-01	2.00E+00	0.02	0.005	0.02	0.005
OCPs	Calculated DDx (ND=0.5DL)	4.62E-03	2.13E-04	8.28E-03	4.00E-02	3.82E-06	0.097053	0.00E+00	0	0.00E+00	0	3.93E-03	99.90	3.94E-03	1.47E-01	7.35E-01	0.03	0.005	0.03	0.005

**TABLE E-2. Potential Daily Dose and Hazard Quotients for Kit Fox
Nevada Environmental Response Trust Site
Henderson, Nevada**

95% UCL BACKGROUND CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Metals	Cadmium	6.46E-02	2.09E-02	1.50E-01	2.50E-02	5.34E-05	2.13	0.00E+00	0	0.00E+00	0	2.45E-03	97.87	2.51E-03	7.70E-01	7.70E+00	0.003	0.0003	0.003	0.0003
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	7.64E-03	7.8	0.00E+00	0	0.00E+00	0	9.07E-02	92.24	9.84E-02	4.70E+00	8.90E+00	0.02	0.01	0.02	0.01
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG

Notes:

95% UCL = 95% upper confidence level of the mean
 % = Percent
 AUF = Area use factor
 BHC = Hexachlorocyclohexane
 BKG = Background
 DL = Detection limit
 DDx = Sum of all DDT metabolites
 HQ = Hazard quotient
 Inverts = Invertebrates
 LOAEL = Lowest observed adverse effects level

mg/kg = Milligrams per kilogram
 mg/kg ww = Milligram per kilogram of wet weight
 mg/kg-bw d = Milligrams per kilogram bodyweight per day
 NC = No criterion
 ND = Nondetects
 NOAEL = No observed adverse effects level
 OCPs = Organophosphate pesticides
 TEQ = Toxicity equivalent quotient
 TRV = Toxicity reference value

- (a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
- (b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
- (c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
- (d) An AUF of 1 assumes that a receptor spends 100% of its time at the site.

**TABLE E-3. Potential Daily Dose and Hazard Quotients for Western Borrowing Owl
Nevada Environmental Response Trust Site
Henderson, Nevada**

MAXIMUM CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	2.18E+01	1.03E+01	7.88E+00	3.28E+00	9.41E-02	4.64	0.00E+00	0	1.70E+00	83.75	2.36E-01	11.61	2.03E+00	1.30E+01	2.60E+01	0.2	0.08	0.2	0.08
Metals	Cadmium	5.90E-01	6.99E-02	8.71E-01	7.10E-02	2.55E-03	1.30	0.00E+00	0	1.88E-01	96.09	5.10E-03	2.61	1.95E-01	1.47E+00	7.80E+00	0.1	0.03	0.1	0.03
Metals	Lead	1.36E+02	6.26E-01	6.78E+00	3.03E+00	5.87E-01	25.90	0.00E+00	0	1.46E+00	64.49	2.18E-01	9.61	2.27E+00	1.63E+00	3.26E+00	1	0.7	1	0.7
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	2.17E-04	1.83E-07	4.24E-05	1.61E-07	9.38E-07	9.30	0.00E+00	0	9.13E-06	90.59	1.16E-08	0.11	1.01E-05	NA	NA	NA	NA	NA	NA
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	4.57E-04	3.84E-07	8.91E-05	3.39E-07	1.97E-06	9.30	0.00E+00	0	1.92E-05	90.59	2.43E-08	0.11	2.12E-05	1.40E-05	1.40E-04	2	0.2	2	0.2
OCPs	beta-BHC	5.90E-02	2.15E-03	1.08E-01	4.72E-01	2.55E-04	0.44	0.00E+00	0	2.32E-02	40.45	3.39E-02	59.10	5.74E-02	5.60E-01	2.25E+00	0.1	0.03	0.1	0.03
OCPs	Calculated DDx (ND=0.5DL)	2.84E-02	8.36E-04	5.10E-02	2.46E-01	1.23E-04	0.43	0.00E+00	0	1.10E-02	38.15	1.77E-02	61.42	2.88E-02	2.27E-01	2.27E+00	0.1	0.01	0.1	0.01

95% UCL CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	4.35E+00	3.97E+00	1.57E+00	6.53E-01	1.87E-02	4.64	0.00E+00	0	3.39E-01	83.75	4.69E-02	11.61	4.04E-01	1.30E+01	2.60E+01	0.03	0.02	0.03	0.02
Metals	Cadmium	2.12E-01	4.00E-02	3.86E-01	4.37E-02	9.13E-04	1.05	0.00E+00	0	8.31E-02	95.35	3.14E-03	3.60	8.72E-02	1.47E+00	7.80E+00	0.06	0.01	0.06	0.01
Metals	Lead	2.89E+01	2.63E-01	1.94E+00	1.53E+00	1.25E-01	19.10	0.00E+00	0	4.19E-01	64.10	1.10E-01	16.80	6.54E-01	1.63E+00	3.26E+00	0.4	0.2	0.4	0.2
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	5.95E-05	5.00E-08	1.16E-05	4.41E-08	2.57E-07	9.30	0.00E+00	0	2.50E-06	90.59	3.17E-09	0.11	2.76E-06	NA	NA	NA	NA	NA	NA
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	1.22E-04	1.03E-07	2.38E-05	9.06E-08	5.27E-07	9.30	0.00E+00	0	5.14E-06	90.59	6.51E-09	0.11	5.67E-06	1.40E-05	1.40E-04	0.4	0.04	0.4	0.04
OCPs	beta-BHC	1.12E-02	4.10E-04	2.05E-02	1.42E-01	4.85E-05	0.33	0.00E+00	0	4.42E-03	30.17	1.02E-02	69.50	1.47E-02	5.60E-01	2.25E+00	0.03	0.007	0.03	0.007
OCPs	Calculated DDx (ND=0.5DL)	7.20E-03	2.97E-04	1.29E-02	6.23E-02	3.11E-05	0.43	0.00E+00	0	2.78E-03	38.15	4.47E-03	61.42	7.29E-03	2.27E-01	2.27E+00	0.03	0.003	0.03	0.003

AVERAGE CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	2.56E+00	2.90E+00	9.25E-01	3.85E-01	1.10E-02	4.64	0.00E+00	0	1.99E-01	83.75	2.76E-02	11.61	2.38E-01	1.30E+01	2.60E+01	0.02	0.009	0.02	0.009
Metals	Cadmium	1.65E-01	3.49E-02	3.16E-01	3.89E-02	7.12E-04	0.99	0.00E+00	0	6.81E-02	95.11	2.79E-03	3.90	7.16E-02	1.47E+00	7.80E+00	0.05	0.009	0.05	0.009
Metals	Lead	1.76E+01	1.98E-01	1.30E+00	1.23E+00	7.58E-02	17.07	0.00E+00	0	2.80E-01	63.09	8.81E-02	19.84	4.44E-01	1.63E+00	3.26E+00	0.3	0.1	0.3	0.1
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	3.54E-05	2.97E-08	6.89E-06	2.62E-08	1.53E-07	9.30	0.00E+00	0	1.49E-06	90.59	1.88E-09	0.11	1.64E-06	NA	NA	NA	NA	NA	NA
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	7.95E-05	6.68E-08	1.55E-05	5.89E-08	3.43E-07	9.30	0.00E+00	0	3.34E-06	90.59	4.23E-09	0.11	3.69E-06	1.40E-05	1.40E-04	0.3	0.03	0.3	0.03
OCPs	beta-BHC	6.74E-03	2.46E-04	1.23E-02	9.79E-02	2.91E-05	0.30	0.00E+00	0	2.65E-03	27.31	7.03E-03	72.39	9.71E-03	5.60E-01	2.25E+00	0.02	0.004	0.02	0.004
OCPs	Calculated DDx (ND=0.5DL)	4.62E-03	2.13E-04	8.28E-03	4.00E-02	1.99E-05	0.43	0.00E+00	0	1.79E-03	38.15	2.87E-03	61.42	4.68E-03	2.27E-01	2.27E+00	0.02	0.002	0.02	0.002

**TABLE E-3. Potential Daily Dose and Hazard Quotients for Western Borrowing Owl
Nevada Environmental Response Trust Site
Henderson, Nevada**

95% UCL BACKGROUND CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.30E+01	2.60E+01	No BKG	No BKG	No BKG	No BKG
Metals	Cadmium	6.46E-02	2.09E-02	1.50E-01	2.50E-02	2.79E-04	0.81	0.00E+00	0	3.23E-02	93.98	1.79E-03	5.21	3.44E-02	1.47E+00	7.80E+00	0.02	0.004	0.02	0.004
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	3.99E-02	14.60	0.00E+00	0	1.67E-01	61.10	6.63E-02	24.29	2.73E-01	1.63E+00	3.26E+00	0.2	0.08	0.2	0.08
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	5.60E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG

Notes:

95% UCL = 95% upper confidence level of the mean
 % = Percent
 AUF = Area use factor
 BHC = Hexachlorocyclohexane
 BKG = Background
 DL = Detection limit
 DDx = Sum of all DDT metabolites
 HQ = Hazard quotient
 Inverts = Invertebrates
 LOAEL = Lowest observed adverse effects level

mg/kg = Milligrams per kilogram
 mg/kg ww = Milligram per kilogram of wet weight
 mg/kg-bw d = Milligrams per kilogram bodyweight per day
 NC = No criterion
 ND = Nondetects
 NOAEL = No observed adverse effects level
 OCPs = Organophosphate pesticides
 TEQ = Toxicity equivalent quotient
 TRV = Toxicity reference value

- (a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
- (b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
- (c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
- (d) An AUF of 1 assumes that a receptor spends 100% of its time at the site.

**TABLE E-4. Potential Daily Dose and Hazard Quotients for American Robin
Nevada Environmental Response Trust Site
Henderson, Nevada**

MAXIMUM CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	2.18E+01	1.03E+01	7.88E+00	3.28E+00	1.31E-01	1.19	6.18E+00	55.88	4.75E+00	42.93	0.00E+00	0	1.11E+01	1.30E+01	2.60E+01	0.9	0.4	0.9	0.4
Metals	Cadmium	5.90E-01	6.99E-02	8.71E-01	7.10E-02	3.55E-03	0.62	4.21E-02	7.39	5.25E-01	91.99	0.00E+00	0	5.70E-01	1.47E+00	7.80E+00	0.4	0.07	0.4	0.07
Metals	Lead	1.36E+02	6.26E-01	6.78E+00	3.03E+00	8.19E-01	15.51	3.77E-01	7.14	4.08E+00	77.35	0.00E+00	0	5.28E+00	1.63E+00	3.26E+00	3	2	3	2
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	2.17E-04	1.83E-07	4.24E-05	1.61E-07	1.31E-06	4.86	1.10E-07	0.41	2.55E-05	94.74	0.00E+00	0	2.69E-05	NA	NA	NA	NA	NA	NA
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	4.57E-04	3.84E-07	8.91E-05	3.39E-07	2.75E-06	4.86	2.31E-07	0.41	5.37E-05	94.74	0.00E+00	0	5.67E-05	1.40E-05	1.40E-04	4	0.4	4	0.4
OCPs	beta-BHC	5.90E-02	2.15E-03	1.08E-01	4.72E-01	3.55E-04	0.53	1.30E-03	1.95	6.49E-02	97.52	0.00E+00	0	6.66E-02	5.60E-01	2.25E+00	0.1	0.03	0.1	0.03
OCPs	Calculated DDx (ND=0.5DL)	2.84E-02	8.36E-04	5.10E-02	2.46E-01	1.71E-04	0.55	5.03E-04	1.60	3.07E-02	97.85	0.00E+00	0	3.14E-02	2.27E-01	2.27E+00	0.1	0.01	0.1	0.01

95% UCL CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	4.35E+00	3.97E+00	1.57E+00	6.53E-01	2.62E-02	0.78	2.39E+00	71.08	9.47E-01	28.14	0.00E+00	0	3.36E+00	1.30E+01	2.60E+01	0.3	0.1	0.3	0.1
Metals	Cadmium	2.12E-01	4.00E-02	3.86E-01	4.37E-02	1.28E-03	0.49	2.41E-02	9.34	2.32E-01	90.16	0.00E+00	0	2.58E-01	1.47E+00	7.80E+00	0.2	0.03	0.2	0.03
Metals	Lead	2.89E+01	2.63E-01	1.94E+00	1.53E+00	1.74E-01	11.59	1.58E-01	10.52	1.17E+00	77.90	0.00E+00	0	1.50E+00	1.63E+00	3.26E+00	0.9	0.5	0.9	0.5
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	5.95E-05	5.00E-08	1.16E-05	4.41E-08	3.59E-07	4.86	3.01E-08	0.41	7.00E-06	94.74	0.00E+00	0	7.38E-06	NA	NA	NA	NA	NA	NA
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	1.22E-04	1.03E-07	2.38E-05	9.06E-08	7.36E-07	4.86	6.18E-08	0.41	1.44E-05	94.74	0.00E+00	0	1.52E-05	1.40E-05	1.40E-04	1	0.1	1	0.1
OCPs	beta-BHC	1.12E-02	4.10E-04	2.05E-02	1.42E-01	6.77E-05	0.53	2.47E-04	1.95	1.24E-02	97.52	0.00E+00	0	1.27E-02	5.60E-01	2.25E+00	0.02	0.006	0.02	0.006
OCPs	Calculated DDx (ND=0.5DL)	7.20E-03	2.97E-04	1.29E-02	6.23E-02	4.33E-05	0.54	1.79E-04	2.24	7.77E-03	97.22	0.00E+00	0	7.99E-03	2.27E-01	2.27E+00	0.04	0.004	0.04	0.004

AVERAGE CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	2.56E+00	2.90E+00	9.25E-01	3.85E-01	1.54E-02	0.66	1.75E+00	75.34	5.57E-01	24.00	0.00E+00	0	2.32E+00	1.30E+01	2.60E+01	0.2	0.09	0.2	0.09
Metals	Cadmium	1.65E-01	3.49E-02	3.16E-01	3.89E-02	9.93E-04	0.47	2.10E-02	9.89	1.90E-01	89.65	0.00E+00	0	2.12E-01	1.47E+00	7.80E+00	0.1	0.03	0.1	0.03
Metals	Lead	1.76E+01	1.98E-01	1.30E+00	1.23E+00	1.06E-01	10.49	1.20E-01	11.85	7.83E-01	77.65	0.00E+00	0	1.01E+00	1.63E+00	3.26E+00	0.6	0.3	0.6	0.3
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	3.54E-05	2.97E-08	6.89E-06	2.62E-08	2.13E-07	4.86	1.79E-08	0.41	4.15E-06	94.74	0.00E+00	0	4.38E-06	NA	NA	NA	NA	NA	NA
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	7.95E-05	6.68E-08	1.55E-05	5.89E-08	4.79E-07	4.86	4.02E-08	0.41	9.34E-06	94.74	0.00E+00	0	9.86E-06	1.40E-05	1.40E-04	0.7	0.07	0.7	0.07
OCPs	beta-BHC	6.74E-03	2.46E-04	1.23E-02	9.79E-02	4.06E-05	0.53	1.48E-04	1.95	7.41E-03	97.52	0.00E+00	0	7.60E-03	5.60E-01	2.25E+00	0.01	0.003	0.01	0.003
OCPs	Calculated DDx (ND=0.5DL)	4.62E-03	2.13E-04	8.28E-03	4.00E-02	2.78E-05	0.54	1.28E-04	2.49	4.99E-03	96.97	0.00E+00	0	5.15E-03	2.27E-01	2.27E+00	0.02	0.002	0.02	0.002

**TABLE E-4. Potential Daily Dose and Hazard Quotients for American Robin
Nevada Environmental Response Trust Site
Henderson, Nevada**

95% UCL BACKGROUND CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.30E+01	2.60E+01	No BKG	No BKG	No BKG	No BKG
Metals	Cadmium	6.46E-02	2.09E-02	1.50E-01	2.50E-02	3.89E-04	0.38	1.26E-02	12.18	9.04E-02	87.44	0.00E+00	0	1.03E-01	1.47E+00	7.80E+00	0.07	0.01	0.07	0.01
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	5.56E-02	9.19	8.34E-02	13.77	4.66E-01	77.03	0.00E+00	0	6.05E-01	1.63E+00	3.26E+00	0.4	0.2	0.4	0.2
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	5.60E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDX (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG

Notes:

95% UCL = 95% upper confidence level of the mean
 % = Percent
 AUF = Area use factor
 BHC = Hexachlorocyclohexane
 BKG = Background
 DL = Detection limit
 DDX = Sum of all DDT metabolites
 HQ = Hazard quotient
 Inverts = Invertebrates
 LOAEL = Lowest observed adverse effects level

mg/kg = Milligrams per kilogram
 mg/kg ww = Milligram per kilogram of wet weight
 mg/kg-bw d = Milligrams per kilogram bodyweight per day
 NC = No criterion
 ND = Nondetects
 NOAEL = No observed adverse effects level
 OCPs = Organophosphate pesticides
 TEQ = Toxicity equivalent quotient
 TRV = Toxicity reference value

- (a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
- (b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
- (c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
- (d) An AUF of 1 assumes that a receptor spends 100% of its time at the site.

**TABLE E-5. Potential Daily Dose and Hazard Quotients for Desert Shrew
Nevada Environmental Response Trust Site
Henderson, Nevada**

MAXIMUM CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	2.18E+01	1.03E+01	7.88E+00	3.28E+00	4.89E-01	9.60	8.85E-01	17.372	3.63E+00	71.17	9.43E-02	1.85	5.09E+00	6.40E+00	3.20E+01	0.8	0.2	0.8	0.2
Metals	Cadmium	5.90E-01	6.99E-02	8.71E-01	7.10E-02	1.32E-02	3.14	6.03E-03	1.4293	4.01E-01	94.95	2.04E-03	0.48	4.22E-01	7.70E-01	7.70E+00	0.5	0.05	0.5	0.05
Metals	Lead	1.36E+02	6.26E-01	6.78E+00	3.03E+00	3.05E+00	48.36	5.40E-02	0.8547	3.12E+00	49.40	8.72E-02	1.38	6.31E+00	4.70E+00	8.90E+00	1	0.7	1	0.7
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	2.17E-04	1.83E-07	4.24E-05	1.61E-07	4.88E-06	20.00	1.57E-08	0.0645	1.95E-05	79.92	4.63E-09	0.02	2.44E-05	8.40E-06	3.10E-05	3	0.8	3	0.8
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	4.57E-04	3.84E-07	8.91E-05	3.39E-07	1.03E-05	20.00	3.31E-08	0.0645	4.10E-05	79.92	9.74E-09	0.02	5.13E-05	NA	NA	NA	NA	NA	NA
OCPs	beta-BHC	5.90E-02	2.15E-03	1.08E-01	4.72E-01	1.32E-03	2.05	1.86E-04	0.2871	4.96E-02	76.66	1.36E-02	21.00	6.46E-02	4.00E-01	2.00E+00	0.2	0.03	0.2	0.03
OCPs	Calculated DDx (ND=0.5DL)	2.84E-02	8.36E-04	5.10E-02	2.46E-01	6.39E-04	2.04	7.21E-05	0.2307	2.34E-02	75.06	7.08E-03	22.66	3.12E-02	1.47E-01	7.35E-01	0.2	0.04	0.2	0.04

95% UCL CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	4.35E+00	3.97E+00	1.57E+00	6.53E-01	9.75E-02	8.26	3.42E-01	28.972	7.23E-01	61.18	1.88E-02	1.59	1.18E+00	6.40E+00	3.20E+01	0.2	0.04	0.2	0.04
Metals	Cadmium	2.12E-01	4.00E-02	3.86E-01	4.37E-02	4.75E-03	2.54	3.45E-03	1.8447	1.77E-01	94.94	1.26E-03	0.67	1.87E-01	7.70E-01	7.70E+00	0.2	0.02	0.2	0.02
Metals	Lead	2.89E+01	2.63E-01	1.94E+00	1.53E+00	6.50E-01	40.33	2.26E-02	1.4059	8.95E-01	55.54	4.40E-02	2.73	1.61E+00	4.70E+00	8.90E+00	0.3	0.2	0.3	0.2
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	5.95E-05	5.00E-08	1.16E-05	4.41E-08	1.34E-06	20.00	4.31E-09	0.0645	5.34E-06	79.92	1.27E-09	0.02	6.68E-06	8.40E-06	3.10E-05	0.8	0.2	0.8	0.2
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	1.22E-04	1.03E-07	2.38E-05	9.06E-08	2.74E-06	20.00	8.85E-09	0.0645	1.10E-05	79.92	2.60E-09	0.02	1.37E-05	NA	NA	NA	NA	NA	NA
OCPs	beta-BHC	1.12E-02	4.10E-04	2.05E-02	1.42E-01	2.52E-04	1.83	3.54E-05	0.2561	9.44E-03	68.38	4.08E-03	29.53	1.38E-02	4.00E-01	2.00E+00	0.03	0.007	0.03	0.007
OCPs	Calculated DDx (ND=0.5DL)	7.20E-03	2.97E-04	1.29E-02	6.23E-02	1.62E-04	2.04	2.56E-05	0.3239	5.93E-03	74.99	1.79E-03	22.64	7.91E-03	1.47E-01	7.35E-01	0.05	0.01	0.05	0.01

AVERAGE CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	2.56E+00	2.90E+00	9.25E-01	3.85E-01	5.74E-02	7.71	2.51E-01	33.646	4.26E-01	57.16	1.11E-02	1.49	7.45E-01	6.40E+00	3.20E+01	0.1	0.02	0.1	0.02
Metals	Cadmium	1.65E-01	3.49E-02	3.16E-01	3.89E-02	3.70E-03	2.42	3.01E-03	1.9621	1.45E-01	94.89	1.12E-03	0.73	1.53E-01	7.70E-01	7.70E+00	0.2	0.02	0.2	0.02
Metals	Lead	1.76E+01	1.98E-01	1.30E+00	1.23E+00	3.94E-01	37.75	1.71E-02	1.6382	5.98E-01	57.24	3.53E-02	3.37	1.05E+00	4.70E+00	8.90E+00	0.2	0.1	0.2	0.1
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	3.54E-05	2.97E-08	6.89E-06	2.62E-08	7.94E-07	20.00	2.56E-09	0.0645	3.17E-06	79.92	7.53E-10	0.02	3.97E-06	8.40E-06	3.10E-05	0.5	0.1	0.5	0.1
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	7.95E-05	6.68E-08	1.55E-05	5.89E-08	1.78E-06	20.00	5.76E-09	0.0645	7.13E-06	79.92	1.69E-09	0.02	8.92E-06	NA	NA	NA	NA	NA	NA
OCPs	beta-BHC	6.74E-03	2.46E-04	1.23E-02	9.79E-02	1.51E-04	1.75	2.12E-05	0.2452	5.66E-03	65.47	2.81E-03	32.54	8.65E-03	4.00E-01	2.00E+00	0.02	0.004	0.02	0.004
OCPs	Calculated DDx (ND=0.5DL)	4.62E-03	2.13E-04	8.28E-03	4.00E-02	1.04E-04	2.04	1.84E-05	0.3613	3.81E-03	74.97	1.15E-03	22.63	5.08E-03	1.47E-01	7.35E-01	0.03	0.007	0.03	0.007

**TABLE E-5. Potential Daily Dose and Hazard Quotients for Desert Shrew
Nevada Environmental Response Trust Site
Henderson, Nevada**

95% UCL BACKGROUND CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Metals	Cadmium	6.46E-02	2.09E-02	1.50E-01	2.50E-02	1.45E-03	1.99	1.80E-03	2.4696	6.90E-02	94.56	7.17E-04	0.98	7.30E-02	7.70E-01	7.70E+00	0.09	0.009	0.09	0.009
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	2.07E-01	34.46	1.19E-02	1.9831	3.56E-01	59.15	2.65E-02	4.41	6.02E-01	4.70E+00	8.90E+00	0.1	0.07	0.1	0.07
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG

Notes:

95% UCL = 95% upper confidence level of the mean
% = Percent
AUF = Area use factor
BHC = Hexachlorocyclohexane
BKG = Background
DL = Detection limit
DDx = Sum of all DDT metabolites
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed adverse effects level

mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed adverse effects level
OCPs = Organophosphate pesticides
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

- (a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
- (b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
- (c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
- (d) An AUF of 1 assumes that a receptor spends 100% of its time at the site.

**TABLE E-6. Potential Daily Dose and Hazard Quotients for Fringed Myotis
Nevada Environmental Response Trust Site
Henderson, Nevada**

MAXIMUM CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	2.18E+01	1.03E+01	7.88E+00	3.28E+00	0.00E+00	0	1.36E+00	24.554	4.19E+00	75.446	0.00E+00	0	5.56E+00	6.40E+00	3.20E+01	0.9	0.2	0.03	0.006
Metals	Cadmium	5.90E-01	6.99E-02	8.71E-01	7.10E-02	0.00E+00	0	9.30E-03	1.9677	4.63E-01	98.032	0.00E+00	0	4.73E-01	7.70E-01	7.70E+00	0.6	0.06	0.02	0.002
Metals	Lead	1.36E+02	6.26E-01	6.78E+00	3.03E+00	0.00E+00	0	8.32E-02	2.2547	3.61E+00	97.745	0.00E+00	0	3.69E+00	4.70E+00	8.90E+00	0.8	0.4	0.03	0.01
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	2.17E-04	1.83E-07	4.24E-05	1.61E-07	0.00E+00	0	2.43E-08	0.1076	2.25E-05	99.892	0.00E+00	0	2.26E-05	8.40E-06	3.10E-05	3	0.7	0.1	0.03
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	4.57E-04	3.84E-07	8.91E-05	3.39E-07	0.00E+00	0	5.10E-08	0.1076	4.74E-05	99.892	0.00E+00	0	4.74E-05	NA	NA	NA	NA	NA	NA
OCPs	beta-BHC	5.90E-02	2.15E-03	1.08E-01	4.72E-01	0.00E+00	0	2.86E-04	0.4968	5.73E-02	99.503	0.00E+00	0	5.76E-02	4.00E-01	2.00E+00	0.1	0.03	0.005	0.001
OCPs	Calculated DDx (ND=0.5DL)	2.84E-02	8.36E-04	5.10E-02	2.46E-01	0.00E+00	0	1.11E-04	0.4081	2.71E-02	99.592	0.00E+00	0	2.72E-02	1.47E-01	7.35E-01	0.2	0.04	0.007	0.001
95% UCL CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	4.35E+00	3.97E+00	1.57E+00	6.53E-01	0.00E+00	0	5.28E-01	38.703	8.36E-01	61.297	0.00E+00	0	1.36E+00	6.40E+00	3.20E+01	0.2	0.04	0.008	0.002
Metals	Cadmium	2.12E-01	4.00E-02	3.86E-01	4.37E-02	0.00E+00	0	5.31E-03	2.5253	2.05E-01	97.475	0.00E+00	0	2.10E-01	7.70E-01	7.70E+00	0.3	0.03	0.01	0.001
Metals	Lead	2.89E+01	2.63E-01	1.94E+00	1.53E+00	0.00E+00	0	3.49E-02	3.2651	1.03E+00	96.735	0.00E+00	0	1.07E+00	4.70E+00	8.90E+00	0.2	0.1	0.008	0.004
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	5.95E-05	5.00E-08	1.16E-05	4.41E-08	0.00E+00	0	6.65E-09	0.1076	6.17E-06	99.892	0.00E+00	0	6.18E-06	8.40E-06	3.10E-05	0.7	0.2	0.03	0.007
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	1.22E-04	1.03E-07	2.38E-05	9.06E-08	0.00E+00	0	1.36E-08	0.1076	1.27E-05	99.892	0.00E+00	0	1.27E-05	NA	NA	NA	NA	NA	NA
OCPs	beta-BHC	1.12E-02	4.10E-04	2.05E-02	1.42E-01	0.00E+00	0	5.45E-05	0.4968	1.09E-02	99.503	0.00E+00	0	1.10E-02	4.00E-01	2.00E+00	0.03	0.005	0.001	0.0002
OCPs	Calculated DDx (ND=0.5DL)	7.20E-03	2.97E-04	1.29E-02	6.23E-02	0.00E+00	0	3.95E-05	0.5726	6.86E-03	99.427	0.00E+00	0	6.90E-03	1.47E-01	7.35E-01	0.05	0.009	0.002	0.0003
AVERAGE CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	2.56E+00	2.90E+00	9.25E-01	3.85E-01	0.00E+00	0	3.86E-01	43.974	4.92E-01	56.026	0.00E+00	0	8.78E-01	6.40E+00	3.20E+01	0.1	0.03	0.005	0.001
Metals	Cadmium	1.65E-01	3.49E-02	3.16E-01	3.89E-02	0.00E+00	0	4.64E-03	2.683	1.68E-01	97.317	0.00E+00	0	1.73E-01	7.70E-01	7.70E+00	0.2	0.02	0.008	0.0008
Metals	Lead	1.76E+01	1.98E-01	1.30E+00	1.23E+00	0.00E+00	0	2.64E-02	3.6757	6.92E-01	96.324	0.00E+00	0	7.18E-01	4.70E+00	8.90E+00	0.2	0.08	0.006	0.003
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	3.54E-05	2.97E-08	6.89E-06	2.62E-08	0.00E+00	0	3.95E-09	0.1076	3.67E-06	99.892	0.00E+00	0	3.67E-06	8.40E-06	3.10E-05	0.4	0.1	0.02	0.004
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	7.95E-05	6.68E-08	1.55E-05	5.89E-08	0.00E+00	0	8.88E-09	0.1076	8.24E-06	99.892	0.00E+00	0	8.25E-06	NA	NA	NA	NA	NA	NA
OCPs	beta-BHC	6.74E-03	2.46E-04	1.23E-02	9.79E-02	0.00E+00	0	3.27E-05	0.4968	6.54E-03	99.503	0.00E+00	0	6.58E-03	4.00E-01	2.00E+00	0.02	0.003	0.0006	0.0001
OCPs	Calculated DDx (ND=0.5DL)	4.62E-03	2.13E-04	8.28E-03	4.00E-02	0.00E+00	0	2.83E-05	0.6385	4.41E-03	99.361	0.00E+00	0	4.43E-03	1.47E-01	7.35E-01	0.03	0.006	0.001	0.0002

**TABLE E-6. Potential Daily Dose and Hazard Quotients for Fringed Myotis
Nevada Environmental Response Trust Site
Henderson, Nevada**

95% UCL BACKGROUND CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Metals	Cadmium	6.46E-02	2.09E-02	1.50E-01	2.50E-02	0.00E+00	0	2.78E-03	3.3651	7.98E-02	96.635	0.00E+00	0	8.26E-02	7.70E-01	7.70E+00	0.1	0.01	0.004	0.0004
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	0.00E+00	0	1.84E-02	4.2789	4.12E-01	95.721	0.00E+00	0	4.30E-01	4.70E+00	8.90E+00	0.09	0.05	0.003	0.002
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG

Notes:

95% UCL = 95% upper confidence level of the mean
 % = Percent
 AUF = Area use factor
 BHC = Hexachlorocyclohexane
 BKG = Background
 DL = Detection limit
 DDx = Sum of all DDT metabolites
 HQ = Hazard quotient
 Inverts = Invertebrates
 LOAEL = Lowest observed adverse effects level

mg/kg = Milligrams per kilogram
 mg/kg ww = Milligram per kilogram of wet weight
 mg/kg-bw d = Milligrams per kilogram bodyweight per day
 NC = No criterion
 ND = Nondetects
 NOAEL = No observed adverse effects level
 OCPs = Organophosphate pesticides
 TEQ = Toxicity equivalent quotient
 TRV = Toxicity reference value

- (a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
- (b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
- (c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
- (d) An AUF of 1 assumes that a receptor spends 100% of its time at the site.

**TABLE E-7. Potential Daily Dose and Hazard Quotients for Raccoon
Nevada Environmental Response Trust Site
Henderson, Nevada**

MAXIMUM CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	2.18E+01	1.03E+01	7.88E+00	3.28E+00	1.04E-01	5.22	1.24E+00	62.68	6.37E-01	32.10	0.00E+00	0	1.99E+00	6.40E+00	3.20E+01	0.3	0.06	0.3	0.06
Metals	Cadmium	5.90E-01	6.99E-02	8.71E-01	7.10E-02	2.80E-03	3.43	8.48E-03	10.38	7.04E-02	86.19	0.00E+00	0	8.17E-02	7.70E-01	7.70E+00	0.1	0.01	0.1	0.01
Metals	Lead	1.36E+02	6.26E-01	6.78E+00	3.03E+00	6.46E-01	50.87	7.59E-02	5.97	5.48E-01	43.16	0.00E+00	0	1.27E+00	4.70E+00	8.90E+00	0.3	0.1	0.3	0.1
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	2.17E-04	1.83E-07	4.24E-05	1.61E-07	1.03E-06	23.04	2.21E-08	0.49	3.43E-06	76.47	0.00E+00	0	4.48E-06	8.40E-06	3.10E-05	0.5	0.1	0.5	0.1
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	4.57E-04	3.84E-07	8.91E-05	3.39E-07	2.17E-06	23.04	4.66E-08	0.49	7.21E-06	76.47	0.00E+00	0	9.42E-06	NA	NA	NA	NA	NA	NA
OCPs	beta-BHC	5.90E-02	2.15E-03	1.08E-01	4.72E-01	2.80E-04	3.03	2.61E-04	2.82	8.71E-03	94.15	0.00E+00	0	9.25E-03	4.00E-01	2.00E+00	0.02	0.005	0.02	0.005
OCPs	Calculated DDx (ND=0.5DL)	2.84E-02	8.36E-04	5.10E-02	2.46E-01	1.35E-04	3.10	1.01E-04	2.33	4.12E-03	94.57	0.00E+00	0	4.36E-03	1.47E-01	7.35E-01	0.03	0.006	0.03	0.006

95% UCL CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	4.35E+00	3.97E+00	1.57E+00	6.53E-01	2.06E-02	3.28	4.81E-01	76.52	1.27E-01	20.20	0.00E+00	0	6.29E-01	6.40E+00	3.20E+01	0.1	0.02	0.1	0.02
Metals	Cadmium	2.12E-01	4.00E-02	3.86E-01	4.37E-02	1.01E-03	2.72	4.85E-03	13.09	3.12E-02	84.20	0.00E+00	0	3.70E-02	7.70E-01	7.70E+00	0.05	0.005	0.05	0.005
Metals	Lead	2.89E+01	2.63E-01	1.94E+00	1.53E+00	1.37E-01	42.10	3.19E-02	9.75	1.57E-01	48.15	0.00E+00	0	3.27E-01	4.70E+00	8.90E+00	0.07	0.04	0.07	0.04
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	5.95E-05	5.00E-08	1.16E-05	4.41E-08	2.83E-07	23.04	6.07E-09	0.49	9.39E-07	76.47	0.00E+00	0	1.23E-06	8.40E-06	3.10E-05	0.1	0.04	0.1	0.04
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	1.22E-04	1.03E-07	2.38E-05	9.06E-08	5.81E-07	23.04	1.25E-08	0.49	1.93E-06	76.47	0.00E+00	0	2.52E-06	NA	NA	NA	NA	NA	NA
OCPs	beta-BHC	1.12E-02	4.10E-04	2.05E-02	1.42E-01	5.34E-05	3.03	4.97E-05	2.82	1.66E-03	94.15	0.00E+00	0	1.76E-03	4.00E-01	2.00E+00	0.004	0.0009	0.004	0.0009
OCPs	Calculated DDx (ND=0.5DL)	7.20E-03	2.97E-04	1.29E-02	6.23E-02	3.42E-05	3.07	3.60E-05	3.24	1.04E-03	93.69	0.00E+00	0	1.11E-03	1.47E-01	7.35E-01	0.008	0.002	0.008	0.002

AVERAGE CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	2.56E+00	2.90E+00	9.25E-01	3.85E-01	1.22E-02	2.77	3.52E-01	80.20	7.48E-02	17.03	0.00E+00	0	4.39E-01	6.40E+00	3.20E+01	0.07	0.01	0.07	0.01
Metals	Cadmium	1.65E-01	3.49E-02	3.16E-01	3.89E-02	7.84E-04	2.56	4.23E-03	13.83	2.56E-02	83.61	0.00E+00	0	3.06E-02	7.70E-01	7.70E+00	0.04	0.004	0.04	0.004
Metals	Lead	1.76E+01	1.98E-01	1.30E+00	1.23E+00	8.35E-02	39.25	2.41E-02	11.32	1.05E-01	49.43	0.00E+00	0	2.13E-01	4.70E+00	8.90E+00	0.05	0.02	0.05	0.02
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	3.54E-05	2.97E-08	6.89E-06	2.62E-08	1.68E-07	23.04	3.60E-09	0.49	5.58E-07	76.47	0.00E+00	0	7.29E-07	8.40E-06	3.10E-05	0.09	0.02	0.09	0.02
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	7.95E-05	6.68E-08	1.55E-05	5.89E-08	3.78E-07	23.04	8.10E-09	0.49	1.25E-06	76.47	0.00E+00	0	1.64E-06	NA	NA	NA	NA	NA	NA
OCPs	beta-BHC	6.74E-03	2.46E-04	1.23E-02	9.79E-02	3.20E-05	3.03	2.98E-05	2.82	9.95E-04	94.15	0.00E+00	0	1.06E-03	4.00E-01	2.00E+00	0.003	0.0005	0.003	0.0005
OCPs	Calculated DDx (ND=0.5DL)	4.62E-03	2.13E-04	8.28E-03	4.00E-02	2.20E-05	3.06	2.58E-05	3.60	6.70E-04	93.34	0.00E+00	0	7.18E-04	1.47E-01	7.35E-01	0.005	0.001	0.005	0.001

**TABLE E-7. Potential Daily Dose and Hazard Quotients for Raccoon
Nevada Environmental Response Trust Site
Henderson, Nevada**

95% UCL BACKGROUND CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Metals	Cadmium	6.46E-02	2.09E-02	1.50E-01	2.50E-02	3.07E-04	2.05	2.53E-03	16.93	1.21E-02	81.02	0.00E+00	0	1.50E-02	7.70E-01	7.70E+00	0.02	0.002	0.02	0.002
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	4.39E-02	35.61	1.68E-02	13.62	6.26E-02	50.77	0.00E+00	0	1.23E-01	4.70E+00	8.90E+00	0.03	0.01	0.03	0.01
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG

Notes:

95% UCL = 95% upper confidence level of the mean

% = Percent

AUF = Area use factor

BHC = Hexachlorocyclohexane

BKG = Background

DL = Detection limit

DDx = Sum of all DDT metabolites

HQ = Hazard quotient

Inverts = Invertebrates

LOAEL = Lowest observed adverse effects level

mg/kg = Milligrams per kilogram

mg/kg ww = Milligram per kilogram of wet weight

mg/kg-bw d = Milligrams per kilogram bodyweight per day

NC = No criterion

ND = Nondetects

NOAEL = No observed adverse effects level

OCPs = Organophosphate pesticides

TEQ = Toxicity equivalent quotient

TRV = Toxicity reference value

- (a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
- (b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
- (c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
- (d) An AUF of 1 assumes that a receptor spends 100% of its time at the site.

**TABLE E-8. Potential Daily Dose and Hazard Quotients for Mourning Dove
Nevada Environmental Response Trust Site
Henderson, Nevada**

MAXIMUM CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	2.18E+01	1.03E+01	7.88E+00	3.28E+00	5.69E-02	4.71	1.15E+00	95.29	0.00E+00	0	0.00E+00	0	1.21E+00	1.30E+01	2.60E+01	0.09	0.05	0.02	0.008
Metals	Cadmium	5.90E-01	6.99E-02	8.71E-01	7.10E-02	1.54E-03	16.40	7.85E-03	83.60	0.00E+00	0	0.00E+00	0	9.39E-03	1.47E+00	7.80E+00	0.006	0.001	0.001	0.0002
Metals	Lead	1.36E+02	6.26E-01	6.78E+00	3.03E+00	3.55E-01	83.48	7.02E-02	16.52	0.00E+00	0	0.00E+00	0	4.25E-01	1.63E+00	3.26E+00	0.3	0.1	0.04	0.02
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	2.17E-04	1.83E-07	4.24E-05	1.61E-07	5.67E-07	96.51	2.05E-08	3.49	0.00E+00	0	0.00E+00	0	5.87E-07	NA	NA	NA	NA	NA	NA
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	4.57E-04	3.84E-07	8.91E-05	3.39E-07	1.19E-06	96.51	4.31E-08	3.49	0.00E+00	0	0.00E+00	0	1.24E-06	1.40E-05	1.40E-04	0.09	0.009	0.02	0.002
OCPs	beta-BHC	5.90E-02	2.15E-03	1.08E-01	4.72E-01	1.54E-04	38.93	2.41E-04	61.07	0.00E+00	0	0.00E+00	0	3.95E-04	5.60E-01	2.25E+00	0.0007	0.0002	0.0001	0.00003
OCPs	Calculated DDx (ND=0.5DL)	2.84E-02	8.36E-04	5.10E-02	2.46E-01	7.42E-05	44.18	9.38E-05	55.82	0.00E+00	0	0.00E+00	0	1.68E-04	2.27E-01	2.27E+00	0.0007	0.00007	0.0001	0.00001

95% UCL CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	4.35E+00	3.97E+00	1.57E+00	6.53E-01	1.13E-02	2.48	4.45E-01	97.52	0.00E+00	0	0.00E+00	0	4.57E-01	1.30E+01	2.60E+01	0.04	0.02	0.006	0.003
Metals	Cadmium	2.12E-01	4.00E-02	3.86E-01	4.37E-02	5.52E-04	10.97	4.48E-03	89.03	0.00E+00	0	0.00E+00	0	5.04E-03	1.47E+00	7.80E+00	0.003	0.0006	0.0006	0.0001
Metals	Lead	2.89E+01	2.63E-01	1.94E+00	1.53E+00	7.55E-02	71.93	2.95E-02	28.07	0.00E+00	0	0.00E+00	0	1.05E-01	1.63E+00	3.26E+00	0.06	0.03	0.01	0.006
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	5.95E-05	5.00E-08	1.16E-05	4.41E-08	1.55E-07	96.51	5.61E-09	3.49	0.00E+00	0	0.00E+00	0	1.61E-07	NA	NA	NA	NA	NA	NA
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	1.22E-04	1.03E-07	2.38E-05	9.06E-08	3.19E-07	96.51	1.15E-08	3.49	0.00E+00	0	0.00E+00	0	3.30E-07	1.40E-05	1.40E-04	0.02	0.002	0.004	0.0004
OCPs	beta-BHC	1.12E-02	4.10E-04	2.05E-02	1.42E-01	2.93E-05	38.93	4.60E-05	61.07	0.00E+00	0	0.00E+00	0	7.53E-05	5.60E-01	2.25E+00	0.0001	0.00003	0.00002	0.000006
OCPs	Calculated DDx (ND=0.5DL)	7.20E-03	2.97E-04	1.29E-02	6.23E-02	1.88E-05	36.03	3.33E-05	63.97	0.00E+00	0	0.00E+00	0	5.21E-05	2.27E-01	2.27E+00	0.0002	0.00002	0.00004	0.000004

AVERAGE CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	2.56E+00	2.90E+00	9.25E-01	3.85E-01	6.67E-03	2.01	3.26E-01	97.99	0.00E+00	0	0.00E+00	0	3.33E-01	1.30E+01	2.60E+01	0.03	0.01	0.004	0.002
Metals	Cadmium	1.65E-01	3.49E-02	3.16E-01	3.89E-02	4.30E-04	9.91	3.91E-03	90.09	0.00E+00	0	0.00E+00	0	4.34E-03	1.47E+00	7.80E+00	0.003	0.0006	0.0005	0.0001
Metals	Lead	1.76E+01	1.98E-01	1.30E+00	1.23E+00	4.58E-02	67.31	2.23E-02	32.69	0.00E+00	0	0.00E+00	0	6.81E-02	1.63E+00	3.26E+00	0.04	0.02	0.007	0.004
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	3.54E-05	2.97E-08	6.89E-06	2.62E-08	9.22E-08	96.51	3.33E-09	3.49	0.00E+00	0	0.00E+00	0	9.56E-08	NA	NA	NA	NA	NA	NA
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	7.95E-05	6.68E-08	1.55E-05	5.89E-08	2.07E-07	96.51	7.49E-09	3.49	0.00E+00	0	0.00E+00	0	2.15E-07	1.40E-05	1.40E-04	0.02	0.002	0.003	0.0003
OCPs	beta-BHC	6.74E-03	2.46E-04	1.23E-02	9.79E-02	1.76E-05	38.93	2.76E-05	61.07	0.00E+00	0	0.00E+00	0	4.52E-05	5.60E-01	2.25E+00	0.00008	0.00002	0.00001	0.000003
OCPs	Calculated DDx (ND=0.5DL)	4.62E-03	2.13E-04	8.28E-03	4.00E-02	1.21E-05	33.54	2.39E-05	66.46	0.00E+00	0	0.00E+00	0	3.60E-05	2.27E-01	2.27E+00	0.0002	0.00002	0.00003	0.000003

**TABLE E-8. Potential Daily Dose and Hazard Quotients for Mourning Dove
Nevada Environmental Response Trust Site
Henderson, Nevada**

95% UCL BACKGROUND CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.30E+01	2.60E+01	No BKG	No BKG	No BKG	No BKG
Metals	Cadmium	6.46E-02	2.09E-02	1.50E-01	2.50E-02	1.68E-04	6.70	2.34E-03	93.30	0.00E+00	0	0.00E+00	0	2.51E-03	1.47E+00	7.80E+00	0.002	0.0003	0.0003	0.00006
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	2.41E-02	60.82	1.55E-02	39.18	0.00E+00	0	0.00E+00	0	3.96E-02	1.63E+00	3.26E+00	0.02	0.01	0.004	0.002
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	5.60E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG

Notes:

95% UCL = 95% upper confidence level of the mean
 % = Percent
 AUF = Area use factor
 BHC = Hexachlorocyclohexane
 BKG = Background
 DL = Detection limit
 DDx = Sum of all DDT metabolites
 HQ = Hazard quotient
 Inverts = Invertebrates
 LOAEL = Lowest observed adverse effects level

mg/kg = Milligrams per kilogram
 mg/kg ww = Milligram per kilogram of wet weight
 mg/kg-bw d = Milligrams per kilogram bodyweight per day
 NC = No criterion
 ND = Nondetects
 NOAEL = No observed adverse effects level
 OCPs = Organophosphate pesticides
 TEQ = Toxicity equivalent quotient
 TRV = Toxicity reference value

- (a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
- (b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
- (c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
- (d) An AUF of 1 assumes that a receptor spends 100% of its time at the site.

**TABLE E-9. Potential Daily Dose and Hazard Quotients for Great Basin Pocket Mouse
Nevada Environmental Response Trust Site
Henderson, Nevada**

MAXIMUM CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	2.18E+01	1.03E+01	7.88E+00	3.28E+00	1.67E-01	8.67	1.63E+00	84.15	1.39E-01	7.18	0.00E+00	0	1.93E+00	6.40E+00	3.20E+01	0.3	0.06	0.3	0.06
Metals	Cadmium	5.90E-01	6.99E-02	8.71E-01	7.10E-02	4.53E-03	14.65	1.11E-02	35.80	1.53E-02	49.55	0.00E+00	0	3.09E-02	7.70E-01	7.70E+00	0.04	0.004	0.04	0.004
Metals	Lead	1.36E+02	6.26E-01	6.78E+00	3.03E+00	1.04E+00	82.71	9.91E-02	7.84	1.19E-01	9.45	0.00E+00	0	1.26E+00	4.70E+00	8.90E+00	0.3	0.1	0.3	0.1
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	2.17E-04	1.83E-07	4.24E-05	1.61E-07	1.67E-06	68.30	2.89E-08	1.18	7.46E-07	30.51	0.00E+00	0	2.44E-06	8.40E-06	3.10E-05	0.3	0.08	0.3	0.08
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	4.57E-04	3.84E-07	8.91E-05	3.39E-07	3.51E-06	68.30	6.08E-08	1.18	1.57E-06	30.51	0.00E+00	0	5.14E-06	NA	NA	NA	NA	NA	NA
OCPs	beta-BHC	5.90E-02	2.15E-03	1.08E-01	4.72E-01	4.53E-04	16.85	3.41E-04	12.67	1.90E-03	70.48	0.00E+00	0	2.69E-03	4.00E-01	2.00E+00	0.007	0.001	0.007	0.001
OCPs	Calculated DDx (ND=0.5DL)	2.84E-02	8.36E-04	5.10E-02	2.46E-01	2.19E-04	17.51	1.32E-04	10.61	8.97E-04	71.88	0.00E+00	0	1.25E-03	1.47E-01	7.35E-01	0.008	0.002	0.008	0.002

95% UCL CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	4.35E+00	3.97E+00	1.57E+00	6.53E-01	3.34E-02	4.84	6.29E-01	91.15	2.77E-02	4.01	0.00E+00	0	6.90E-01	6.40E+00	3.20E+01	0.1	0.02	0.1	0.02
Metals	Cadmium	2.12E-01	4.00E-02	3.86E-01	4.37E-02	1.63E-03	11.03	6.33E-03	42.93	6.79E-03	46.03	0.00E+00	0	1.47E-02	7.70E-01	7.70E+00	0.02	0.002	0.02	0.002
Metals	Lead	2.89E+01	2.63E-01	1.94E+00	1.53E+00	2.22E-01	74.57	4.16E-02	13.95	3.42E-02	11.48	0.00E+00	0	2.98E-01	4.70E+00	8.90E+00	0.06	0.03	0.06	0.03
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	5.95E-05	5.00E-08	1.16E-05	4.41E-08	4.57E-07	68.30	7.92E-09	1.18	2.04E-07	30.51	0.00E+00	0	6.70E-07	8.40E-06	3.10E-05	0.08	0.02	0.08	0.02
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	1.22E-04	1.03E-07	2.38E-05	9.06E-08	9.39E-07	68.30	1.63E-08	1.18	4.19E-07	30.51	0.00E+00	0	1.37E-06	NA	NA	NA	NA	NA	NA
OCPs	beta-BHC	1.12E-02	4.10E-04	2.05E-02	1.42E-01	8.64E-05	16.85	6.49E-05	12.67	3.61E-04	70.48	0.00E+00	0	5.13E-04	4.00E-01	2.00E+00	0.001	0.0003	0.001	0.0003
OCPs	Calculated DDx (ND=0.5DL)	7.20E-03	2.97E-04	1.29E-02	6.23E-02	5.53E-05	16.79	4.71E-05	14.29	2.27E-04	68.92	0.00E+00	0	3.29E-04	1.47E-01	7.35E-01	0.002	0.0004	0.002	0.0004

AVERAGE CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	2.56E+00	2.90E+00	9.25E-01	3.85E-01	1.97E-02	3.96	4.60E-01	92.75	1.63E-02	3.28	0.00E+00	0	4.96E-01	6.40E+00	3.20E+01	0.08	0.02	0.08	0.02
Metals	Cadmium	1.65E-01	3.49E-02	3.16E-01	3.89E-02	1.27E-03	10.25	5.52E-03	44.70	5.57E-03	45.04	0.00E+00	0	1.24E-02	7.70E-01	7.70E+00	0.02	0.002	0.02	0.002
Metals	Lead	1.76E+01	1.98E-01	1.30E+00	1.23E+00	1.35E-01	71.31	3.14E-02	16.61	2.29E-02	12.09	0.00E+00	0	1.89E-01	4.70E+00	8.90E+00	0.04	0.02	0.04	0.02
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	3.54E-05	2.97E-08	6.89E-06	2.62E-08	2.72E-07	68.30	4.70E-09	1.18	1.21E-07	30.51	0.00E+00	0	3.98E-07	8.40E-06	3.10E-05	0.05	0.01	0.05	0.01
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	7.95E-05	6.68E-08	1.55E-05	5.89E-08	6.11E-07	68.30	1.06E-08	1.18	2.73E-07	30.51	0.00E+00	0	8.94E-07	NA	NA	NA	NA	NA	NA
OCPs	beta-BHC	6.74E-03	2.46E-04	1.23E-02	9.79E-02	5.18E-05	16.85	3.89E-05	12.67	2.17E-04	70.48	0.00E+00	0	3.07E-04	4.00E-01	2.00E+00	0.0008	0.0002	0.0008	0.0002
OCPs	Calculated DDx (ND=0.5DL)	4.62E-03	2.13E-04	8.28E-03	4.00E-02	3.55E-05	16.51	3.37E-05	15.69	1.46E-04	67.80	0.00E+00	0	2.15E-04	1.47E-01	7.35E-01	0.001	0.0003	0.001	0.0003

**TABLE E-9. Potential Daily Dose and Hazard Quotients for Great Basin Pocket Mouse
Nevada Environmental Response Trust Site
Henderson, Nevada**

95% UCL BACKGROUND CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF ≤ 1)		
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
General Chemistry	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Metals	Cadmium	6.46E-02	2.09E-02	1.50E-01	2.50E-02	4.96E-04	7.69	3.31E-03	51.35	2.64E-03	40.96	0.00E+00	0	6.45E-03	7.70E-01	7.70E+00	0.008	0.0008	0.008	0.0008
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	7.10E-02	66.63	2.19E-02	20.58	1.36E-02	12.79	0.00E+00	0	1.07E-01	4.70E+00	8.90E+00	0.02	0.01	0.02	0.01
Dioxins/ Furans	Ramboll calculated TEQ (mammals; ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Dioxins/ Furans	Ramboll calculated TEQ (birds; ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG

Notes:

95% UCL = 95% upper confidence level of the mean
 % = Percent
 AUF = Area use factor
 BHC = Hexachlorocyclohexane
 BKG = Background
 DL = Detection limit
 DDx = Sum of all DDT metabolites
 HQ = Hazard quotient
 Inverts = Invertebrates
 LOAEL = Lowest observed adverse effects level

mg/kg = Milligrams per kilogram
 mg/kg ww = Milligram per kilogram of wet weight
 mg/kg-bw d = Milligrams per kilogram bodyweight per day
 NC = No criterion
 ND = Nondetects
 NOAEL = No observed adverse effects level
 OCPs = Organophosphate pesticides
 TEQ = Toxicity equivalent quotient
 TRV = Toxicity reference value

- (a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
- (b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
- (c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
- (d) An AUF of 1 assumes that a receptor spends 100% of its time at the site.

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

APPENDIX F
EVALUATION OF SAMPLE QUANTITATION LIMITS FOR CHEMICALS NOT
DETECTED WITH ECOLOGICAL SCREENING VALUES

Table F-1 Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not
Detected with Ecological Screening Values

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
SA24-0.5	SA24-0.5	OCPs	Aldrin	309-00-2	0.002	0.001	mg/kg	0.03	R4	0.07	0.03
SA25-0.5	SA25-0.5	OCPs	Aldrin	309-00-2	0.0019	0.00095	mg/kg	0.03	R4	0.06	0.03
SA26-0.5	SA26-0.5	OCPs	Aldrin	309-00-2	0.0018	0.0009	mg/kg	0.03	R4	0.06	0.03
SA27-0.5	SA27-0.5	OCPs	Aldrin	309-00-2	0.0018	0.0009	mg/kg	0.03	R4	0.06	0.03
PC-70_06	PC-70_06/23/1999	OCPs	Aldrin	309-00-2	0.00021	0.000105	mg/kg	0.03	R4	0.007	0.004
TSB-AJ-01	TSB-AJ-01-0	OCPs	Aldrin	309-00-2	0.00009	0.000045	mg/kg	0.03	R4	0.003	0.002
TSB-AJ-02	TSB-AJ-02-0	OCPs	Aldrin	309-00-2	0.000089	0.0000445	mg/kg	0.03	R4	0.003	0.001
TSB-AJ-02	TSB-AJ-02-0(FD)	OCPs	Aldrin	309-00-2	0.000089	0.0000445	mg/kg	0.03	R4	0.003	0.001
TSB-AJ-03	TSB-AJ-03-0	OCPs	Aldrin	309-00-2	0.00009	0.000045	mg/kg	0.03	R4	0.003	0.002
TSB-AR-01	TSB-AR-01-0	OCPs	Aldrin	309-00-2	0.000092	0.000046	mg/kg	0.03	R4	0.003	0.002
TSB-AR-01	TSB-AR-01-0(FD)	OCPs	Aldrin	309-00-2	0.000094	0.000047	mg/kg	0.03	R4	0.003	0.002
TSB-AR-02	TSB-AR-02-0	OCPs	Aldrin	309-00-2	0.00009	0.000045	mg/kg	0.03	R4	0.003	0.002
TSB-AR-04	TSB-AR-04-0	OCPs	Aldrin	309-00-2	0.00009	0.000045	mg/kg	0.03	R4	0.003	0.002
TSB-AR-05	TSB-AR-05-0	OCPs	Aldrin	309-00-2	0.000091	0.0000455	mg/kg	0.03	R4	0.003	0.002
TSB-AR-06	TSB-AR-06-0	OCPs	Aldrin	309-00-2	0.000091	0.0000455	mg/kg	0.03	R4	0.003	0.002
TSB-AR-06	TSB-AR-06-0(FD)	OCPs	Aldrin	309-00-2	0.000092	0.000046	mg/kg	0.03	R4	0.003	0.002
TSB-AR-07	TSB-AR-07-0	OCPs	Aldrin	309-00-2	0.000093	0.0000465	mg/kg	0.03	R4	0.003	0.002
TSB-AR-08	TSB-AR-08-0	OCPs	Aldrin	309-00-2	0.00009	0.000045	mg/kg	0.03	R4	0.003	0.002
TSB-AR-10	TSB-AR-10-0	OCPs	Aldrin	309-00-2	0.000091	0.0000455	mg/kg	0.03	R4	0.003	0.002
TSB-AR-11	TSB-AR-11-0	OCPs	Aldrin	309-00-2	0.000091	0.0000455	mg/kg	0.03	R4	0.003	0.002
TSB-AR-11	TSB-AR-11-0(FD)	OCPs	Aldrin	309-00-2	0.000091	0.0000455	mg/kg	0.03	R4	0.003	0.002
TSB-AR-12	TSB-AR-12-0	OCPs	Aldrin	309-00-2	0.000091	0.0000455	mg/kg	0.03	R4	0.003	0.002
TSB-AR-13	TSB-AR-13-0	OCPs	Aldrin	309-00-2	0.00009	0.000045	mg/kg	0.03	R4	0.003	0.002
TSB-AR-14	TSB-AR-14-0	OCPs	Aldrin	309-00-2	0.000091	0.0000455	mg/kg	0.03	R4	0.003	0.002
TSB-AR-3	TSB-AR-3-0	OCPs	Aldrin	309-00-2	0.000089	0.0000445	mg/kg	0.03	R4	0.003	0.001
TSB-AR-9	TSB-AR-9-0	OCPs	Aldrin	309-00-2	0.00009	0.000045	mg/kg	0.03	R4	0.003	0.002
TSB-BJ-01	TSB-BJ-01-0	OCPs	Aldrin	309-00-2	0.000089	0.0000445	mg/kg	0.03	R4	0.003	0.001
TSB-BJ-02	TSB-BJ-02-0	OCPs	Aldrin	309-00-2	0.000089	0.0000445	mg/kg	0.03	R4	0.003	0.001
TSB-BJ-06	TSB-BJ-06-0	OCPs	Aldrin	309-00-2	0.000093	0.0000465	mg/kg	0.03	R4	0.003	0.002
TSB-BR-02	TSB-BR-02-0	OCPs	Aldrin	309-00-2	0.00009	0.000045	mg/kg	0.03	R4	0.003	0.002
TSB-BR-03	TSB-BR-03-0	OCPs	Aldrin	309-00-2	0.000093	0.0000465	mg/kg	0.03	R4	0.003	0.002
TSB-BR-04	TSB-BR-04-0	OCPs	Aldrin	309-00-2	0.000091	0.0000455	mg/kg	0.03	R4	0.003	0.002
TSB-BR-04	TSB-BR-04-0(FD)	OCPs	Aldrin	309-00-2	0.00009	0.000045	mg/kg	0.03	R4	0.003	0.002
TSB-BR-05	TSB-BR-05-0	OCPs	Aldrin	309-00-2	0.000089	0.0000445	mg/kg	0.03	R4	0.003	0.001
TSB-BR-06	TSB-BR-06-0	OCPs	Aldrin	309-00-2	0.000089	0.0000445	mg/kg	0.03	R4	0.003	0.001
SA24-0.5	SA24-0.5	PCBs	Aroclor-1016	12674-11-2	0.038	0.019	mg/kg	0.041	R4	0.9	0.5
SA25-0.5	SA25-0.5	PCBs	Aroclor-1016	12674-11-2	0.037	0.0185	mg/kg	0.041	R4	0.9	0.5
SA26-0.5	SA26-0.5	PCBs	Aroclor-1016	12674-11-2	0.036	0.018	mg/kg	0.041	R4	0.9	0.4
SA27-0.5	SA27-0.5	PCBs	Aroclor-1016	12674-11-2	0.035	0.0175	mg/kg	0.041	R4	0.9	0.4
PC-70_06	PC-70_06/23/1999	PCBs	Aroclor-1016	12674-11-2	0.01	0.005	mg/kg	0.041	R4	0.2	0.1

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
SA24-0.5	SA24-0.5	PCBs	Aroclor-1221	11104-28-2	0.038	0.019	mg/kg	0.041	R4	0.9	0.5
SA25-0.5	SA25-0.5	PCBs	Aroclor-1221	11104-28-2	0.037	0.0185	mg/kg	0.041	R4	0.9	0.5
SA26-0.5	SA26-0.5	PCBs	Aroclor-1221	11104-28-2	0.036	0.018	mg/kg	0.041	R4	0.9	0.4
SA27-0.5	SA27-0.5	PCBs	Aroclor-1221	11104-28-2	0.035	0.0175	mg/kg	0.041	R4	0.9	0.4
PC-70_06	PC-70_06/23/1999	PCBs	Aroclor-1221	11104-28-2	0.01	0.005	mg/kg	0.041	R4	0.2	0.1
SA24-0.5	SA24-0.5	PCBs	Aroclor-1232	11141-16-5	0.038	0.019	mg/kg	0.041	R4	0.9	0.5
SA25-0.5	SA25-0.5	PCBs	Aroclor-1232	11141-16-5	0.037	0.0185	mg/kg	0.041	R4	0.9	0.5
SA26-0.5	SA26-0.5	PCBs	Aroclor-1232	11141-16-5	0.036	0.018	mg/kg	0.041	R4	0.9	0.4
SA27-0.5	SA27-0.5	PCBs	Aroclor-1232	11141-16-5	0.035	0.0175	mg/kg	0.041	R4	0.9	0.4
PC-70_06	PC-70_06/23/1999	PCBs	Aroclor-1232	11141-16-5	0.01	0.005	mg/kg	0.041	R4	0.2	0.1
SA24-0.5	SA24-0.5	PCBs	Aroclor-1242	53469-21-9	0.038	0.019	mg/kg	0.041	R4	0.9	0.5
SA25-0.5	SA25-0.5	PCBs	Aroclor-1242	53469-21-9	0.037	0.0185	mg/kg	0.041	R4	0.9	0.5
SA26-0.5	SA26-0.5	PCBs	Aroclor-1242	53469-21-9	0.036	0.018	mg/kg	0.041	R4	0.9	0.4
SA27-0.5	SA27-0.5	PCBs	Aroclor-1242	53469-21-9	0.035	0.0175	mg/kg	0.041	R4	0.9	0.4
PC-70_06	PC-70_06/23/1999	PCBs	Aroclor-1242	53469-21-9	0.01	0.005	mg/kg	0.041	R4	0.2	0.1
SA24-0.5	SA24-0.5	PCBs	Aroclor-1248	12672-29-6	0.038	0.019	mg/kg	0.041	R4	0.9	0.5
SA25-0.5	SA25-0.5	PCBs	Aroclor-1248	12672-29-6	0.037	0.0185	mg/kg	0.041	R4	0.9	0.5
SA26-0.5	SA26-0.5	PCBs	Aroclor-1248	12672-29-6	0.036	0.018	mg/kg	0.041	R4	0.9	0.4
SA27-0.5	SA27-0.5	PCBs	Aroclor-1248	12672-29-6	0.035	0.0175	mg/kg	0.041	R4	0.9	0.4
PC-70_06	PC-70_06/23/1999	PCBs	Aroclor-1248	12672-29-6	0.01	0.005	mg/kg	0.041	R4	0.2	0.1
SA24-0.5	SA24-0.5	PCBs	Aroclor-1254	11097-69-1	0.038	0.019	mg/kg	0.041	R4	0.9	0.5
SA25-0.5	SA25-0.5	PCBs	Aroclor-1254	11097-69-1	0.037	0.0185	mg/kg	0.041	R4	0.9	0.5
SA26-0.5	SA26-0.5	PCBs	Aroclor-1254	11097-69-1	0.036	0.018	mg/kg	0.041	R4	0.9	0.4
SA27-0.5	SA27-0.5	PCBs	Aroclor-1254	11097-69-1	0.035	0.0175	mg/kg	0.041	R4	0.9	0.4
PC-70_06	PC-70_06/23/1999	PCBs	Aroclor-1254	11097-69-1	0.01	0.005	mg/kg	0.041	R4	0.2	0.1
SA24-0.5	SA24-0.5	PCBs	Aroclor-1260	11096-82-5	0.038	0.019	mg/kg	0.041	R4	0.9	0.5
SA25-0.5	SA25-0.5	PCBs	Aroclor-1260	11096-82-5	0.037	0.0185	mg/kg	0.041	R4	0.9	0.5
SA26-0.5	SA26-0.5	PCBs	Aroclor-1260	11096-82-5	0.036	0.018	mg/kg	0.041	R4	0.9	0.4
SA27-0.5	SA27-0.5	PCBs	Aroclor-1260	11096-82-5	0.035	0.0175	mg/kg	0.041	R4	0.9	0.4
PC-70_06	PC-70_06/23/1999	PCBs	Aroclor-1260	11096-82-5	0.01	0.005	mg/kg	0.041	R4	0.2	0.1
SA24-0.5	SA24-0.5	VOCs	Benzene	71-43-2	0.0058	0.0029	mg/kg	0.12	R4	0.05	0.02
SA25-0.5	SA25-0.5	VOCs	Benzene	71-43-2	0.0056	0.0028	mg/kg	0.12	R4	0.05	0.02
SA26-0.5	SA26-0.5	VOCs	Benzene	71-43-2	0.0054	0.0027	mg/kg	0.12	R4	0.05	0.02
SA27-0.5	SA27-0.5	VOCs	Benzene	71-43-2	0.0052	0.0026	mg/kg	0.12	R4	0.04	0.02
PC-70_06	PC-70_06/23/1999	VOCs	Benzene	71-43-2	0.001	0.0005	mg/kg	0.12	R4	0.008	0.004
TSB-AR-01	TSB-AR-01-0	VOCs	Benzene	71-43-2	0.00018	0.00009	mg/kg	0.12	R4	0.002	0.0008
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Benzene	71-43-2	0.00018	0.00009	mg/kg	0.12	R4	0.002	0.0008
TSB-AR-07	TSB-AR-07-0	VOCs	Benzene	71-43-2	0.00018	0.00009	mg/kg	0.12	R4	0.002	0.0008
TSB-AR-10	TSB-AR-10-0	VOCs	Benzene	71-43-2	0.00018	0.00009	mg/kg	0.12	R4	0.002	0.0008
TSB-AR-11	TSB-AR-11-0	VOCs	Benzene	71-43-2	0.00018	0.00009	mg/kg	0.12	R4	0.002	0.0008

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-BJ-06	TSB-BJ-06-0	VOCs	Benzene	71-43-2	0.00018	0.00009	mg/kg	0.12	R4	0.002	0.0008
TSB-BR-03	TSB-BR-03-0	VOCs	Benzene	71-43-2	0.00018	0.00009	mg/kg	0.12	R4	0.002	0.0008
TSB-BR-04	TSB-BR-04-0	VOCs	Benzene	71-43-2	0.00018	0.00009	mg/kg	0.12	R4	0.002	0.0008
TSB-AJ-01	TSB-AJ-01-0	VOCs	Benzene	71-43-2	0.00017	0.000085	mg/kg	0.12	R4	0.001	0.0007
TSB-AJ-02	TSB-AJ-02-0	VOCs	Benzene	71-43-2	0.00017	0.000085	mg/kg	0.12	R4	0.001	0.0007
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Benzene	71-43-2	0.00017	0.000085	mg/kg	0.12	R4	0.001	0.0007
TSB-AJ-03	TSB-AJ-03-0	VOCs	Benzene	71-43-2	0.00017	0.000085	mg/kg	0.12	R4	0.001	0.0007
TSB-AR-02	TSB-AR-02-0	VOCs	Benzene	71-43-2	0.00017	0.000085	mg/kg	0.12	R4	0.001	0.0007
TSB-AR-04	TSB-AR-04-0	VOCs	Benzene	71-43-2	0.00017	0.000085	mg/kg	0.12	R4	0.001	0.0007
TSB-AR-05	TSB-AR-05-0	VOCs	Benzene	71-43-2	0.00017	0.000085	mg/kg	0.12	R4	0.001	0.0007
TSB-AR-06	TSB-AR-06-0	VOCs	Benzene	71-43-2	0.00017	0.000085	mg/kg	0.12	R4	0.001	0.0007
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Benzene	71-43-2	0.00017	0.000085	mg/kg	0.12	R4	0.001	0.0007
TSB-AR-08	TSB-AR-08-0	VOCs	Benzene	71-43-2	0.00017	0.000085	mg/kg	0.12	R4	0.001	0.0007
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Benzene	71-43-2	0.00017	0.000085	mg/kg	0.12	R4	0.001	0.0007
TSB-AR-12	TSB-AR-12-0	VOCs	Benzene	71-43-2	0.00017	0.000085	mg/kg	0.12	R4	0.001	0.0007
TSB-AR-13	TSB-AR-13-0	VOCs	Benzene	71-43-2	0.00017	0.000085	mg/kg	0.12	R4	0.001	0.0007
TSB-AR-14	TSB-AR-14-0	VOCs	Benzene	71-43-2	0.00017	0.000085	mg/kg	0.12	R4	0.001	0.0007
TSB-AR-3	TSB-AR-3-0	VOCs	Benzene	71-43-2	0.00017	0.000085	mg/kg	0.12	R4	0.001	0.0007
TSB-AR-9	TSB-AR-9-0	VOCs	Benzene	71-43-2	0.00017	0.000085	mg/kg	0.12	R4	0.001	0.0007
TSB-BJ-01	TSB-BJ-01-0	VOCs	Benzene	71-43-2	0.00017	0.000085	mg/kg	0.12	R4	0.001	0.0007
TSB-BJ-02	TSB-BJ-02-0	VOCs	Benzene	71-43-2	0.00017	0.000085	mg/kg	0.12	R4	0.001	0.0007
TSB-BR-02	TSB-BR-02-0	VOCs	Benzene	71-43-2	0.00017	0.000085	mg/kg	0.12	R4	0.001	0.0007
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Benzene	71-43-2	0.00017	0.000085	mg/kg	0.12	R4	0.001	0.0007
TSB-BR-05	TSB-BR-05-0	VOCs	Benzene	71-43-2	0.00017	0.000085	mg/kg	0.12	R4	0.001	0.0007
TSB-BR-06	TSB-BR-06-0	VOCs	Benzene	71-43-2	0.00017	0.000085	mg/kg	0.12	R4	0.001	0.0007
TSB-AR-01	TSB-AR-01-0	SVOCs	Benzoic acid	65-85-0	0.035	0.0175	mg/kg	0.01	R4	4	2
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Benzoic acid	65-85-0	0.036	0.018	mg/kg	0.01	R4	4	2
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Benzoic acid	65-85-0	0.035	0.0175	mg/kg	0.01	R4	4	2
TSB-AR-07	TSB-AR-07-0	SVOCs	Benzoic acid	65-85-0	0.035	0.0175	mg/kg	0.01	R4	4	2
TSB-AR-10	TSB-AR-10-0	SVOCs	Benzoic acid	65-85-0	0.035	0.0175	mg/kg	0.01	R4	4	2
TSB-AR-11	TSB-AR-11-0	SVOCs	Benzoic acid	65-85-0	0.035	0.0175	mg/kg	0.01	R4	4	2
TSB-AR-14	TSB-AR-14-0	SVOCs	Benzoic acid	65-85-0	0.035	0.0175	mg/kg	0.01	R4	4	2
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Benzoic acid	65-85-0	0.035	0.0175	mg/kg	0.01	R4	4	2
TSB-BR-03	TSB-BR-03-0	SVOCs	Benzoic acid	65-85-0	0.035	0.0175	mg/kg	0.01	R4	4	2
TSB-BR-04	TSB-BR-04-0	SVOCs	Benzoic acid	65-85-0	0.035	0.0175	mg/kg	0.01	R4	4	2
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Benzoic acid	65-85-0	0.034	0.017	mg/kg	0.01	R4	3	2
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Benzoic acid	65-85-0	0.034	0.017	mg/kg	0.01	R4	3	2
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Benzoic acid	65-85-0	0.034	0.017	mg/kg	0.01	R4	3	2
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Benzoic acid	65-85-0	0.034	0.017	mg/kg	0.01	R4	3	2
TSB-AR-02	TSB-AR-02-0	SVOCs	Benzoic acid	65-85-0	0.034	0.017	mg/kg	0.01	R4	3	2

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-04	TSB-AR-04-0	SVOCs	Benzoic acid	65-85-0	0.034	0.017	mg/kg	0.01	R4	3	2
TSB-AR-05	TSB-AR-05-0	SVOCs	Benzoic acid	65-85-0	0.034	0.017	mg/kg	0.01	R4	3	2
TSB-AR-06	TSB-AR-06-0	SVOCs	Benzoic acid	65-85-0	0.034	0.017	mg/kg	0.01	R4	3	2
TSB-AR-08	TSB-AR-08-0	SVOCs	Benzoic acid	65-85-0	0.034	0.017	mg/kg	0.01	R4	3	2
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Benzoic acid	65-85-0	0.034	0.017	mg/kg	0.01	R4	3	2
TSB-AR-12	TSB-AR-12-0	SVOCs	Benzoic acid	65-85-0	0.034	0.017	mg/kg	0.01	R4	3	2
TSB-AR-13	TSB-AR-13-0	SVOCs	Benzoic acid	65-85-0	0.034	0.017	mg/kg	0.01	R4	3	2
TSB-AR-3	TSB-AR-3-0	SVOCs	Benzoic acid	65-85-0	0.034	0.017	mg/kg	0.01	R4	3	2
TSB-AR-9	TSB-AR-9-0	SVOCs	Benzoic acid	65-85-0	0.034	0.017	mg/kg	0.01	R4	3	2
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Benzoic acid	65-85-0	0.034	0.017	mg/kg	0.01	R4	3	2
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Benzoic acid	65-85-0	0.034	0.017	mg/kg	0.01	R4	3	2
TSB-BR-02	TSB-BR-02-0	SVOCs	Benzoic acid	65-85-0	0.034	0.017	mg/kg	0.01	R4	3	2
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Benzoic acid	65-85-0	0.034	0.017	mg/kg	0.01	R4	3	2
TSB-BR-05	TSB-BR-05-0	SVOCs	Benzoic acid	65-85-0	0.034	0.017	mg/kg	0.01	R4	3	2
TSB-BR-06	TSB-BR-06-0	SVOCs	Benzoic acid	65-85-0	0.034	0.017	mg/kg	0.01	R4	3	2
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Benzyl alcohol	100-51-6	0.034	0.017	mg/kg	0.002	R4	20	9
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Benzyl alcohol	100-51-6	0.034	0.017	mg/kg	0.002	R4	20	9
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Benzyl alcohol	100-51-6	0.034	0.017	mg/kg	0.002	R4	20	9
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Benzyl alcohol	100-51-6	0.034	0.017	mg/kg	0.002	R4	20	9
TSB-AR-01	TSB-AR-01-0	SVOCs	Benzyl alcohol	100-51-6	0.035	0.0175	mg/kg	0.002	R4	20	9
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Benzyl alcohol	100-51-6	0.036	0.018	mg/kg	0.002	R4	20	9
TSB-AR-02	TSB-AR-02-0	SVOCs	Benzyl alcohol	100-51-6	0.034	0.017	mg/kg	0.002	R4	20	9
TSB-AR-04	TSB-AR-04-0	SVOCs	Benzyl alcohol	100-51-6	0.034	0.017	mg/kg	0.002	R4	20	9
TSB-AR-05	TSB-AR-05-0	SVOCs	Benzyl alcohol	100-51-6	0.034	0.017	mg/kg	0.002	R4	20	9
TSB-AR-06	TSB-AR-06-0	SVOCs	Benzyl alcohol	100-51-6	0.034	0.017	mg/kg	0.002	R4	20	9
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Benzyl alcohol	100-51-6	0.035	0.0175	mg/kg	0.002	R4	20	9
TSB-AR-07	TSB-AR-07-0	SVOCs	Benzyl alcohol	100-51-6	0.035	0.0175	mg/kg	0.002	R4	20	9
TSB-AR-08	TSB-AR-08-0	SVOCs	Benzyl alcohol	100-51-6	0.034	0.017	mg/kg	0.002	R4	20	9
TSB-AR-10	TSB-AR-10-0	SVOCs	Benzyl alcohol	100-51-6	0.035	0.0175	mg/kg	0.002	R4	20	9
TSB-AR-11	TSB-AR-11-0	SVOCs	Benzyl alcohol	100-51-6	0.035	0.0175	mg/kg	0.002	R4	20	9
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Benzyl alcohol	100-51-6	0.034	0.017	mg/kg	0.002	R4	20	9
TSB-AR-12	TSB-AR-12-0	SVOCs	Benzyl alcohol	100-51-6	0.034	0.017	mg/kg	0.002	R4	20	9
TSB-AR-13	TSB-AR-13-0	SVOCs	Benzyl alcohol	100-51-6	0.034	0.017	mg/kg	0.002	R4	20	9
TSB-AR-14	TSB-AR-14-0	SVOCs	Benzyl alcohol	100-51-6	0.035	0.0175	mg/kg	0.002	R4	20	9
TSB-AR-3	TSB-AR-3-0	SVOCs	Benzyl alcohol	100-51-6	0.034	0.017	mg/kg	0.002	R4	20	9
TSB-AR-9	TSB-AR-9-0	SVOCs	Benzyl alcohol	100-51-6	0.034	0.017	mg/kg	0.002	R4	20	9
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Benzyl alcohol	100-51-6	0.034	0.017	mg/kg	0.002	R4	20	9
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Benzyl alcohol	100-51-6	0.034	0.017	mg/kg	0.002	R4	20	9
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Benzyl alcohol	100-51-6	0.035	0.0175	mg/kg	0.002	R4	20	9
TSB-BR-02	TSB-BR-02-0	SVOCs	Benzyl alcohol	100-51-6	0.034	0.017	mg/kg	0.002	R4	20	9

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-BR-03	TSB-BR-03-0	SVOCs	Benzyl alcohol	100-51-6	0.035	0.0175	mg/kg	0.002	R4	20	9
TSB-BR-04	TSB-BR-04-0	SVOCs	Benzyl alcohol	100-51-6	0.035	0.0175	mg/kg	0.002	R4	20	9
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Benzyl alcohol	100-51-6	0.034	0.017	mg/kg	0.002	R4	20	9
TSB-BR-05	TSB-BR-05-0	SVOCs	Benzyl alcohol	100-51-6	0.034	0.017	mg/kg	0.002	R4	20	9
TSB-BR-06	TSB-BR-06-0	SVOCs	Benzyl alcohol	100-51-6	0.034	0.017	mg/kg	0.002	R4	20	9
SA24-0.5	SA24-0.5	OCPs	BHC, gamma-	58-89-9	0.002	0.001	mg/kg	0.0031	R4	0.6	0.3
SA25-0.5	SA25-0.5	OCPs	BHC, gamma-	58-89-9	0.0019	0.00095	mg/kg	0.0031	R4	0.6	0.3
SA26-0.5	SA26-0.5	OCPs	BHC, gamma-	58-89-9	0.0018	0.0009	mg/kg	0.0031	R4	0.6	0.3
SA27-0.5	SA27-0.5	OCPs	BHC, gamma-	58-89-9	0.0018	0.0009	mg/kg	0.0031	R4	0.6	0.3
PC-70_06	PC-70_06/23/1999	OCPs	BHC, gamma-	58-89-9	0.00021	0.000105	mg/kg	0.0031	R4	0.07	0.03
TSB-AJ-01	TSB-AJ-01-0	OCPs	BHC, gamma-	58-89-9	0.000085	0.0000425	mg/kg	0.0031	R4	0.03	0.01
TSB-AJ-02	TSB-AJ-02-0	OCPs	BHC, gamma-	58-89-9	0.000085	0.0000425	mg/kg	0.0031	R4	0.03	0.01
TSB-AJ-02	TSB-AJ-02-0(FD)	OCPs	BHC, gamma-	58-89-9	0.000084	0.000042	mg/kg	0.0031	R4	0.03	0.01
TSB-AJ-03	TSB-AJ-03-0	OCPs	BHC, gamma-	58-89-9	0.000085	0.0000425	mg/kg	0.0031	R4	0.03	0.01
TSB-AR-01	TSB-AR-01-0	OCPs	BHC, gamma-	58-89-9	0.000087	0.0000435	mg/kg	0.0031	R4	0.03	0.01
TSB-AR-01	TSB-AR-01-0(FD)	OCPs	BHC, gamma-	58-89-9	0.000089	0.0000445	mg/kg	0.0031	R4	0.03	0.01
TSB-AR-02	TSB-AR-02-0	OCPs	BHC, gamma-	58-89-9	0.000086	0.000043	mg/kg	0.0031	R4	0.03	0.01
TSB-AR-04	TSB-AR-04-0	OCPs	BHC, gamma-	58-89-9	0.000086	0.000043	mg/kg	0.0031	R4	0.03	0.01
TSB-AR-05	TSB-AR-05-0	OCPs	BHC, gamma-	58-89-9	0.000086	0.000043	mg/kg	0.0031	R4	0.03	0.01
TSB-AR-06	TSB-AR-06-0	OCPs	BHC, gamma-	58-89-9	0.000086	0.000043	mg/kg	0.0031	R4	0.03	0.01
TSB-AR-06	TSB-AR-06-0(FD)	OCPs	BHC, gamma-	58-89-9	0.000087	0.0000435	mg/kg	0.0031	R4	0.03	0.01
TSB-AR-07	TSB-AR-07-0	OCPs	BHC, gamma-	58-89-9	0.000088	0.000044	mg/kg	0.0031	R4	0.03	0.01
TSB-AR-08	TSB-AR-08-0	OCPs	BHC, gamma-	58-89-9	0.000085	0.0000425	mg/kg	0.0031	R4	0.03	0.01
TSB-AR-10	TSB-AR-10-0	OCPs	BHC, gamma-	58-89-9	0.000087	0.0000435	mg/kg	0.0031	R4	0.03	0.01
TSB-AR-11	TSB-AR-11-0	OCPs	BHC, gamma-	58-89-9	0.000086	0.000043	mg/kg	0.0031	R4	0.03	0.01
TSB-AR-11	TSB-AR-11-0(FD)	OCPs	BHC, gamma-	58-89-9	0.000086	0.000043	mg/kg	0.0031	R4	0.03	0.01
TSB-AR-12	TSB-AR-12-0	OCPs	BHC, gamma-	58-89-9	0.000086	0.000043	mg/kg	0.0031	R4	0.03	0.01
TSB-AR-13	TSB-AR-13-0	OCPs	BHC, gamma-	58-89-9	0.000085	0.0000425	mg/kg	0.0031	R4	0.03	0.01
TSB-AR-14	TSB-AR-14-0	OCPs	BHC, gamma-	58-89-9	0.000087	0.0000435	mg/kg	0.0031	R4	0.03	0.01
TSB-AR-3	TSB-AR-3-0	OCPs	BHC, gamma-	58-89-9	0.000085	0.0000425	mg/kg	0.0031	R4	0.03	0.01
TSB-AR-9	TSB-AR-9-0	OCPs	BHC, gamma-	58-89-9	0.000086	0.000043	mg/kg	0.0031	R4	0.03	0.01
TSB-BJ-01	TSB-BJ-01-0	OCPs	BHC, gamma-	58-89-9	0.000085	0.0000425	mg/kg	0.0031	R4	0.03	0.01
TSB-BJ-02	TSB-BJ-02-0	OCPs	BHC, gamma-	58-89-9	0.000085	0.0000425	mg/kg	0.0031	R4	0.03	0.01
TSB-BJ-06	TSB-BJ-06-0	OCPs	BHC, gamma-	58-89-9	0.000088	0.000044	mg/kg	0.0031	R4	0.03	0.01
TSB-BR-02	TSB-BR-02-0	OCPs	BHC, gamma-	58-89-9	0.000085	0.0000425	mg/kg	0.0031	R4	0.03	0.01
TSB-BR-03	TSB-BR-03-0	OCPs	BHC, gamma-	58-89-9	0.000088	0.000044	mg/kg	0.0031	R4	0.03	0.01
TSB-BR-04	TSB-BR-04-0	OCPs	BHC, gamma-	58-89-9	0.000086	0.000043	mg/kg	0.0031	R4	0.03	0.01
TSB-BR-04	TSB-BR-04-0(FD)	OCPs	BHC, gamma-	58-89-9	0.000086	0.000043	mg/kg	0.0031	R4	0.03	0.01
TSB-BR-05	TSB-BR-05-0	OCPs	BHC, gamma-	58-89-9	0.000085	0.0000425	mg/kg	0.0031	R4	0.03	0.01
TSB-BR-06	TSB-BR-06-0	OCPs	BHC, gamma-	58-89-9	0.000084	0.000042	mg/kg	0.0031	R4	0.03	0.01

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
SA24-0.5	SA24-0.5	VOCs	Bromoform	75-25-2	0.0058	0.0029	mg/kg	0.07	R4	0.08	0.04
SA25-0.5	SA25-0.5	VOCs	Bromoform	75-25-2	0.0056	0.0028	mg/kg	0.07	R4	0.08	0.04
SA26-0.5	SA26-0.5	VOCs	Bromoform	75-25-2	0.0054	0.0027	mg/kg	0.07	R4	0.08	0.04
SA27-0.5	SA27-0.5	VOCs	Bromoform	75-25-2	0.0052	0.0026	mg/kg	0.07	R4	0.07	0.04
PC-70_06	PC-70_06/23/1999	VOCs	Bromoform	75-25-2	0.001	0.0005	mg/kg	0.07	R4	0.01	0.007
TSB-AJ-01	TSB-AJ-01-0	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-AJ-02	TSB-AJ-02-0	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-AJ-03	TSB-AJ-03-0	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-AR-01	TSB-AR-01-0	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Bromoform	75-25-2	0.00026	0.00013	mg/kg	0.07	R4	0.004	0.002
TSB-AR-02	TSB-AR-02-0	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-AR-04	TSB-AR-04-0	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-AR-05	TSB-AR-05-0	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-AR-06	TSB-AR-06-0	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-AR-07	TSB-AR-07-0	VOCs	Bromoform	75-25-2	0.00026	0.00013	mg/kg	0.07	R4	0.004	0.002
TSB-AR-08	TSB-AR-08-0	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-AR-10	TSB-AR-10-0	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-AR-11	TSB-AR-11-0	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-AR-12	TSB-AR-12-0	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-AR-13	TSB-AR-13-0	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-AR-14	TSB-AR-14-0	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-AR-3	TSB-AR-3-0	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-AR-9	TSB-AR-9-0	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-BJ-01	TSB-BJ-01-0	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-BJ-02	TSB-BJ-02-0	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-BJ-06	TSB-BJ-06-0	VOCs	Bromoform	75-25-2	0.00026	0.00013	mg/kg	0.07	R4	0.004	0.002
TSB-BR-02	TSB-BR-02-0	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-BR-03	TSB-BR-03-0	VOCs	Bromoform	75-25-2	0.00026	0.00013	mg/kg	0.07	R4	0.004	0.002
TSB-BR-04	TSB-BR-04-0	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-BR-05	TSB-BR-05-0	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
TSB-BR-06	TSB-BR-06-0	VOCs	Bromoform	75-25-2	0.00025	0.000125	mg/kg	0.07	R4	0.004	0.002
SA24-0.5	SA24-0.5	VOCs	Bromomethane	74-83-9	0.012	0.006	mg/kg	0.002	R4	6	3
SA25-0.5	SA25-0.5	VOCs	Bromomethane	74-83-9	0.011	0.0055	mg/kg	0.002	R4	6	3
SA26-0.5	SA26-0.5	VOCs	Bromomethane	74-83-9	0.011	0.0055	mg/kg	0.002	R4	6	3
SA27-0.5	SA27-0.5	VOCs	Bromomethane	74-83-9	0.01	0.005	mg/kg	0.002	R4	5	3
PC-70_06	PC-70_06/23/1999	VOCs	Bromomethane	74-83-9	0.003	0.0015	mg/kg	0.002	R4	2	0.8

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AJ-01	TSB-AJ-01-0	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-AJ-02	TSB-AJ-02-0	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-AJ-03	TSB-AJ-03-0	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-AR-01	TSB-AR-01-0	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Bromomethane	74-83-9	0.00033	0.000165	mg/kg	0.002	R4	0.2	0.08
TSB-AR-02	TSB-AR-02-0	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-AR-04	TSB-AR-04-0	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-AR-05	TSB-AR-05-0	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-AR-06	TSB-AR-06-0	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-AR-07	TSB-AR-07-0	VOCs	Bromomethane	74-83-9	0.00033	0.000165	mg/kg	0.002	R4	0.2	0.08
TSB-AR-08	TSB-AR-08-0	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-AR-10	TSB-AR-10-0	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-AR-11	TSB-AR-11-0	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-AR-12	TSB-AR-12-0	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-AR-13	TSB-AR-13-0	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-AR-14	TSB-AR-14-0	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-AR-3	TSB-AR-3-0	VOCs	Bromomethane	74-83-9	0.00031	0.000155	mg/kg	0.002	R4	0.2	0.08
TSB-AR-9	TSB-AR-9-0	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-BJ-01	TSB-BJ-01-0	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-BJ-02	TSB-BJ-02-0	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-BJ-06	TSB-BJ-06-0	VOCs	Bromomethane	74-83-9	0.00033	0.000165	mg/kg	0.002	R4	0.2	0.08
TSB-BR-02	TSB-BR-02-0	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-BR-03	TSB-BR-03-0	VOCs	Bromomethane	74-83-9	0.00033	0.000165	mg/kg	0.002	R4	0.2	0.08
TSB-BR-04	TSB-BR-04-0	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-BR-05	TSB-BR-05-0	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
TSB-BR-06	TSB-BR-06-0	VOCs	Bromomethane	74-83-9	0.00032	0.00016	mg/kg	0.002	R4	0.2	0.08
SA24-0.5	SA24-0.5	VOCs	Butanone, 2-	78-93-3	0.012	0.006	mg/kg	1	R4	0.01	0.006
SA25-0.5	SA25-0.5	VOCs	Butanone, 2-	78-93-3	0.011	0.0055	mg/kg	1	R4	0.01	0.006
SA26-0.5	SA26-0.5	VOCs	Butanone, 2-	78-93-3	0.011	0.0055	mg/kg	1	R4	0.01	0.006
SA27-0.5	SA27-0.5	VOCs	Butanone, 2-	78-93-3	0.01	0.005	mg/kg	1	R4	0.01	0.005
PC-70_06	PC-70_06/23/1999	VOCs	Butanone, 2-	78-93-3	0.007	0.0035	mg/kg	1	R4	0.007	0.004
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Butanone, 2-	78-93-3	0.0015	0.00075	mg/kg	1	R4	0.002	0.0008
TSB-BR-03	TSB-BR-03-0	VOCs	Butanone, 2-	78-93-3	0.0015	0.00075	mg/kg	1	R4	0.002	0.0008
TSB-AJ-01	TSB-AJ-01-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-AJ-02	TSB-AJ-02-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AJ-03	TSB-AJ-03-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-AR-01	TSB-AR-01-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-AR-02	TSB-AR-02-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-AR-04	TSB-AR-04-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-AR-05	TSB-AR-05-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-AR-06	TSB-AR-06-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-AR-07	TSB-AR-07-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-AR-08	TSB-AR-08-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-AR-10	TSB-AR-10-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-AR-11	TSB-AR-11-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-AR-12	TSB-AR-12-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-AR-13	TSB-AR-13-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-AR-14	TSB-AR-14-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-AR-3	TSB-AR-3-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-AR-9	TSB-AR-9-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-BJ-01	TSB-BJ-01-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-BJ-02	TSB-BJ-02-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-BJ-06	TSB-BJ-06-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-BR-02	TSB-BR-02-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-BR-04	TSB-BR-04-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-BR-05	TSB-BR-05-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
TSB-BR-06	TSB-BR-06-0	VOCs	Butanone, 2-	78-93-3	0.0014	0.0007	mg/kg	1	R4	0.001	0.0007
PC-70_06	PC-70_06/23/1999	SVOCs	Carbazole	86-74-8	0.035	0.0175	mg/kg	0.07	R4	0.5	0.3
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Carbazole	86-74-8	0.034	0.017	mg/kg	0.07	R4	0.5	0.2
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Carbazole	86-74-8	0.034	0.017	mg/kg	0.07	R4	0.5	0.2
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Carbazole	86-74-8	0.034	0.017	mg/kg	0.07	R4	0.5	0.2
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Carbazole	86-74-8	0.034	0.017	mg/kg	0.07	R4	0.5	0.2
TSB-AR-01	TSB-AR-01-0	SVOCs	Carbazole	86-74-8	0.035	0.0175	mg/kg	0.07	R4	0.5	0.3
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Carbazole	86-74-8	0.036	0.018	mg/kg	0.07	R4	0.5	0.3
TSB-AR-02	TSB-AR-02-0	SVOCs	Carbazole	86-74-8	0.034	0.017	mg/kg	0.07	R4	0.5	0.2
TSB-AR-04	TSB-AR-04-0	SVOCs	Carbazole	86-74-8	0.034	0.017	mg/kg	0.07	R4	0.5	0.2
TSB-AR-05	TSB-AR-05-0	SVOCs	Carbazole	86-74-8	0.034	0.017	mg/kg	0.07	R4	0.5	0.2
TSB-AR-06	TSB-AR-06-0	SVOCs	Carbazole	86-74-8	0.034	0.017	mg/kg	0.07	R4	0.5	0.2
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Carbazole	86-74-8	0.035	0.0175	mg/kg	0.07	R4	0.5	0.3
TSB-AR-07	TSB-AR-07-0	SVOCs	Carbazole	86-74-8	0.035	0.0175	mg/kg	0.07	R4	0.5	0.3
TSB-AR-08	TSB-AR-08-0	SVOCs	Carbazole	86-74-8	0.034	0.017	mg/kg	0.07	R4	0.5	0.2
TSB-AR-10	TSB-AR-10-0	SVOCs	Carbazole	86-74-8	0.035	0.0175	mg/kg	0.07	R4	0.5	0.3

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-11	TSB-AR-11-0	SVOCs	Carbazole	86-74-8	0.035	0.0175	mg/kg	0.07	R4	0.5	0.3
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Carbazole	86-74-8	0.034	0.017	mg/kg	0.07	R4	0.5	0.2
TSB-AR-12	TSB-AR-12-0	SVOCs	Carbazole	86-74-8	0.034	0.017	mg/kg	0.07	R4	0.5	0.2
TSB-AR-13	TSB-AR-13-0	SVOCs	Carbazole	86-74-8	0.034	0.017	mg/kg	0.07	R4	0.5	0.2
TSB-AR-14	TSB-AR-14-0	SVOCs	Carbazole	86-74-8	0.035	0.0175	mg/kg	0.07	R4	0.5	0.3
TSB-AR-3	TSB-AR-3-0	SVOCs	Carbazole	86-74-8	0.034	0.017	mg/kg	0.07	R4	0.5	0.2
TSB-AR-9	TSB-AR-9-0	SVOCs	Carbazole	86-74-8	0.034	0.017	mg/kg	0.07	R4	0.5	0.2
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Carbazole	86-74-8	0.034	0.017	mg/kg	0.07	R4	0.5	0.2
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Carbazole	86-74-8	0.034	0.017	mg/kg	0.07	R4	0.5	0.2
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Carbazole	86-74-8	0.035	0.0175	mg/kg	0.07	R4	0.5	0.3
TSB-BR-02	TSB-BR-02-0	SVOCs	Carbazole	86-74-8	0.034	0.017	mg/kg	0.07	R4	0.5	0.2
TSB-BR-03	TSB-BR-03-0	SVOCs	Carbazole	86-74-8	0.035	0.0175	mg/kg	0.07	R4	0.5	0.3
TSB-BR-04	TSB-BR-04-0	SVOCs	Carbazole	86-74-8	0.035	0.0175	mg/kg	0.07	R4	0.5	0.3
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Carbazole	86-74-8	0.034	0.017	mg/kg	0.07	R4	0.5	0.2
TSB-BR-05	TSB-BR-05-0	SVOCs	Carbazole	86-74-8	0.034	0.017	mg/kg	0.07	R4	0.5	0.2
TSB-BR-06	TSB-BR-06-0	SVOCs	Carbazole	86-74-8	0.034	0.017	mg/kg	0.07	R4	0.5	0.2
PC-70_06	PC-70_06/23/1999	VOCs	Carbon disulfide	75-15-0	0.003	0.0015	mg/kg	0.005	R4	0.6	0.3
TSB-AJ-01	TSB-AJ-01-0	VOCs	Carbon disulfide	75-15-0	0.00056	0.00028	mg/kg	0.005	R4	0.1	0.06
TSB-AJ-02	TSB-AJ-02-0	VOCs	Carbon disulfide	75-15-0	0.00056	0.00028	mg/kg	0.005	R4	0.1	0.06
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Carbon disulfide	75-15-0	0.00056	0.00028	mg/kg	0.005	R4	0.1	0.06
TSB-AJ-03	TSB-AJ-03-0	VOCs	Carbon disulfide	75-15-0	0.00056	0.00028	mg/kg	0.005	R4	0.1	0.06
TSB-AR-01	TSB-AR-01-0	VOCs	Carbon disulfide	75-15-0	0.00057	0.000285	mg/kg	0.005	R4	0.1	0.06
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Carbon disulfide	75-15-0	0.00058	0.00029	mg/kg	0.005	R4	0.1	0.06
TSB-AR-02	TSB-AR-02-0	VOCs	Carbon disulfide	75-15-0	0.00056	0.00028	mg/kg	0.005	R4	0.1	0.06
TSB-AR-04	TSB-AR-04-0	VOCs	Carbon disulfide	75-15-0	0.00057	0.000285	mg/kg	0.005	R4	0.1	0.06
TSB-AR-05	TSB-AR-05-0	VOCs	Carbon disulfide	75-15-0	0.00056	0.00028	mg/kg	0.005	R4	0.1	0.06
TSB-AR-06	TSB-AR-06-0	VOCs	Carbon disulfide	75-15-0	0.00057	0.000285	mg/kg	0.005	R4	0.1	0.06
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Carbon disulfide	75-15-0	0.00057	0.000285	mg/kg	0.005	R4	0.1	0.06
TSB-AR-07	TSB-AR-07-0	VOCs	Carbon disulfide	75-15-0	0.00058	0.00029	mg/kg	0.005	R4	0.1	0.06
TSB-AR-08	TSB-AR-08-0	VOCs	Carbon disulfide	75-15-0	0.00056	0.00028	mg/kg	0.005	R4	0.1	0.06
TSB-AR-10	TSB-AR-10-0	VOCs	Carbon disulfide	75-15-0	0.00057	0.000285	mg/kg	0.005	R4	0.1	0.06
TSB-AR-11	TSB-AR-11-0	VOCs	Carbon disulfide	75-15-0	0.00057	0.000285	mg/kg	0.005	R4	0.1	0.06
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Carbon disulfide	75-15-0	0.00056	0.00028	mg/kg	0.005	R4	0.1	0.06
TSB-AR-12	TSB-AR-12-0	VOCs	Carbon disulfide	75-15-0	0.00056	0.00028	mg/kg	0.005	R4	0.1	0.06
TSB-AR-13	TSB-AR-13-0	VOCs	Carbon disulfide	75-15-0	0.00056	0.00028	mg/kg	0.005	R4	0.1	0.06
TSB-AR-14	TSB-AR-14-0	VOCs	Carbon disulfide	75-15-0	0.00057	0.000285	mg/kg	0.005	R4	0.1	0.06
TSB-AR-3	TSB-AR-3-0	VOCs	Carbon disulfide	75-15-0	0.00055	0.000275	mg/kg	0.005	R4	0.1	0.06
TSB-AR-9	TSB-AR-9-0	VOCs	Carbon disulfide	75-15-0	0.00056	0.00028	mg/kg	0.005	R4	0.1	0.06
TSB-BJ-01	TSB-BJ-01-0	VOCs	Carbon disulfide	75-15-0	0.00056	0.00028	mg/kg	0.005	R4	0.1	0.06
TSB-BJ-02	TSB-BJ-02-0	VOCs	Carbon disulfide	75-15-0	0.00056	0.00028	mg/kg	0.005	R4	0.1	0.06

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-BJ-06	TSB-BJ-06-0	VOCs	Carbon disulfide	75-15-0	0.00058	0.00029	mg/kg	0.005	R4	0.1	0.06
TSB-BR-02	TSB-BR-02-0	VOCs	Carbon disulfide	75-15-0	0.00056	0.00028	mg/kg	0.005	R4	0.1	0.06
TSB-BR-03	TSB-BR-03-0	VOCs	Carbon disulfide	75-15-0	0.00058	0.00029	mg/kg	0.005	R4	0.1	0.06
TSB-BR-04	TSB-BR-04-0	VOCs	Carbon disulfide	75-15-0	0.00057	0.000285	mg/kg	0.005	R4	0.1	0.06
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Carbon disulfide	75-15-0	0.00057	0.000285	mg/kg	0.005	R4	0.1	0.06
TSB-BR-05	TSB-BR-05-0	VOCs	Carbon disulfide	75-15-0	0.00056	0.00028	mg/kg	0.005	R4	0.1	0.06
TSB-BR-06	TSB-BR-06-0	VOCs	Carbon disulfide	75-15-0	0.00056	0.00028	mg/kg	0.005	R4	0.1	0.06
SA24-0.5	SA24-0.5	VOCs	Carbon tetrachloride	56-23-5	0.0058	0.0029	mg/kg	0.05	R4	0.1	0.06
SA25-0.5	SA25-0.5	VOCs	Carbon tetrachloride	56-23-5	0.0056	0.0028	mg/kg	0.05	R4	0.1	0.06
SA26-0.5	SA26-0.5	VOCs	Carbon tetrachloride	56-23-5	0.0054	0.0027	mg/kg	0.05	R4	0.1	0.05
SA27-0.5	SA27-0.5	VOCs	Carbon tetrachloride	56-23-5	0.0052	0.0026	mg/kg	0.05	R4	0.1	0.05
PC-70_06	PC-70_06/23/1999	VOCs	Carbon tetrachloride	56-23-5	0.001	0.0005	mg/kg	0.05	R4	0.02	0.01
TSB-AJ-01	TSB-AJ-01-0	VOCs	Carbon tetrachloride	56-23-5	0.00092	0.00046	mg/kg	0.05	R4	0.02	0.009
TSB-AJ-02	TSB-AJ-02-0	VOCs	Carbon tetrachloride	56-23-5	0.00092	0.00046	mg/kg	0.05	R4	0.02	0.009
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Carbon tetrachloride	56-23-5	0.00092	0.00046	mg/kg	0.05	R4	0.02	0.009
TSB-AJ-03	TSB-AJ-03-0	VOCs	Carbon tetrachloride	56-23-5	0.00092	0.00046	mg/kg	0.05	R4	0.02	0.009
TSB-AR-01	TSB-AR-01-0	VOCs	Carbon tetrachloride	56-23-5	0.00094	0.00047	mg/kg	0.05	R4	0.02	0.009
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Carbon tetrachloride	56-23-5	0.00096	0.00048	mg/kg	0.05	R4	0.02	0.01
TSB-AR-02	TSB-AR-02-0	VOCs	Carbon tetrachloride	56-23-5	0.00092	0.00046	mg/kg	0.05	R4	0.02	0.009
TSB-AR-04	TSB-AR-04-0	VOCs	Carbon tetrachloride	56-23-5	0.00093	0.000465	mg/kg	0.05	R4	0.02	0.009
TSB-AR-05	TSB-AR-05-0	VOCs	Carbon tetrachloride	56-23-5	0.00092	0.00046	mg/kg	0.05	R4	0.02	0.009
TSB-AR-06	TSB-AR-06-0	VOCs	Carbon tetrachloride	56-23-5	0.00094	0.00047	mg/kg	0.05	R4	0.02	0.009
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Carbon tetrachloride	56-23-5	0.00093	0.000465	mg/kg	0.05	R4	0.02	0.009
TSB-AR-07	TSB-AR-07-0	VOCs	Carbon tetrachloride	56-23-5	0.00095	0.000475	mg/kg	0.05	R4	0.02	0.01
TSB-AR-08	TSB-AR-08-0	VOCs	Carbon tetrachloride	56-23-5	0.00093	0.000465	mg/kg	0.05	R4	0.02	0.009
TSB-AR-10	TSB-AR-10-0	VOCs	Carbon tetrachloride	56-23-5	0.00094	0.00047	mg/kg	0.05	R4	0.02	0.009
TSB-AR-11	TSB-AR-11-0	VOCs	Carbon tetrachloride	56-23-5	0.00094	0.00047	mg/kg	0.05	R4	0.02	0.009
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Carbon tetrachloride	56-23-5	0.00093	0.000465	mg/kg	0.05	R4	0.02	0.009
TSB-AR-12	TSB-AR-12-0	VOCs	Carbon tetrachloride	56-23-5	0.00092	0.00046	mg/kg	0.05	R4	0.02	0.009
TSB-AR-13	TSB-AR-13-0	VOCs	Carbon tetrachloride	56-23-5	0.00092	0.00046	mg/kg	0.05	R4	0.02	0.009
TSB-AR-14	TSB-AR-14-0	VOCs	Carbon tetrachloride	56-23-5	0.00093	0.000465	mg/kg	0.05	R4	0.02	0.009
TSB-AR-3	TSB-AR-3-0	VOCs	Carbon tetrachloride	56-23-5	0.00091	0.000455	mg/kg	0.05	R4	0.02	0.009
TSB-AR-9	TSB-AR-9-0	VOCs	Carbon tetrachloride	56-23-5	0.00092	0.00046	mg/kg	0.05	R4	0.02	0.009
TSB-BJ-01	TSB-BJ-01-0	VOCs	Carbon tetrachloride	56-23-5	0.00092	0.00046	mg/kg	0.05	R4	0.02	0.009
TSB-BJ-02	TSB-BJ-02-0	VOCs	Carbon tetrachloride	56-23-5	0.00092	0.00046	mg/kg	0.05	R4	0.02	0.009
TSB-BJ-06	TSB-BJ-06-0	VOCs	Carbon tetrachloride	56-23-5	0.00095	0.000475	mg/kg	0.05	R4	0.02	0.01
TSB-BR-02	TSB-BR-02-0	VOCs	Carbon tetrachloride	56-23-5	0.00092	0.00046	mg/kg	0.05	R4	0.02	0.009
TSB-BR-03	TSB-BR-03-0	VOCs	Carbon tetrachloride	56-23-5	0.00096	0.00048	mg/kg	0.05	R4	0.02	0.01
TSB-BR-04	TSB-BR-04-0	VOCs	Carbon tetrachloride	56-23-5	0.00094	0.00047	mg/kg	0.05	R4	0.02	0.009
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Carbon tetrachloride	56-23-5	0.00093	0.000465	mg/kg	0.05	R4	0.02	0.009

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-BR-05	TSB-BR-05-0	VOCs	Carbon tetrachloride	56-23-5	0.00092	0.00046	mg/kg	0.05	R4	0.02	0.009
TSB-BR-06	TSB-BR-06-0	VOCs	Carbon tetrachloride	56-23-5	0.00092	0.00046	mg/kg	0.05	R4	0.02	0.009
SA24-0.5	SA24-0.5	OCPs	Chlordane, alpha-	5103-71-9	0.002	0.001	mg/kg	0.0029	R4	0.7	0.3
SA25-0.5	SA25-0.5	OCPs	Chlordane, alpha-	5103-71-9	0.0019	0.00095	mg/kg	0.0029	R4	0.7	0.3
SA26-0.5	SA26-0.5	OCPs	Chlordane, alpha-	5103-71-9	0.0018	0.0009	mg/kg	0.0029	R4	0.6	0.3
SA27-0.5	SA27-0.5	OCPs	Chlordane, alpha-	5103-71-9	0.0018	0.0009	mg/kg	0.0029	R4	0.6	0.3
PC-70_06	PC-70_06/23/1999	OCPs	Chlordane, alpha-	5103-71-9	0.00021	0.000105	mg/kg	0.0029	R4	0.07	0.04
TSB-AR-01	TSB-AR-01-0(FD)	OCPs	Chlordane, alpha-	5103-71-9	0.00011	0.000055	mg/kg	0.0029	R4	0.04	0.02
TSB-AR-07	TSB-AR-07-0	OCPs	Chlordane, alpha-	5103-71-9	0.00011	0.000055	mg/kg	0.0029	R4	0.04	0.02
TSB-BJ-06	TSB-BJ-06-0	OCPs	Chlordane, alpha-	5103-71-9	0.00011	0.000055	mg/kg	0.0029	R4	0.04	0.02
TSB-BR-03	TSB-BR-03-0	OCPs	Chlordane, alpha-	5103-71-9	0.00011	0.000055	mg/kg	0.0029	R4	0.04	0.02
TSB-AJ-01	TSB-AJ-01-0	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-AJ-02	TSB-AJ-02-0	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-AJ-02	TSB-AJ-02-0(FD)	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-AJ-03	TSB-AJ-03-0	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-AR-01	TSB-AR-01-0	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-AR-02	TSB-AR-02-0	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-AR-04	TSB-AR-04-0	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-AR-05	TSB-AR-05-0	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-AR-06	TSB-AR-06-0	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-AR-06	TSB-AR-06-0(FD)	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-AR-08	TSB-AR-08-0	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-AR-10	TSB-AR-10-0	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-AR-11	TSB-AR-11-0	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-AR-11	TSB-AR-11-0(FD)	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-AR-12	TSB-AR-12-0	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-AR-13	TSB-AR-13-0	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-AR-14	TSB-AR-14-0	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-AR-3	TSB-AR-3-0	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-AR-9	TSB-AR-9-0	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-BJ-01	TSB-BJ-01-0	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-BJ-02	TSB-BJ-02-0	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-BR-02	TSB-BR-02-0	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-BR-04	TSB-BR-04-0	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-BR-04	TSB-BR-04-0(FD)	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-BR-05	TSB-BR-05-0	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
TSB-BR-06	TSB-BR-06-0	OCPs	Chlordane, alpha-	5103-71-9	0.0001	0.00005	mg/kg	0.0029	R4	0.03	0.02
SA24-0.5	SA24-0.5	OCPs	Chlordane, gamma-	5103-74-2	0.002	0.001	mg/kg	0.02	R4	0.1	0.05
SA25-0.5	SA25-0.5	OCPs	Chlordane, gamma-	5103-74-2	0.0019	0.00095	mg/kg	0.02	R4	0.1	0.05
SA26-0.5	SA26-0.5	OCPs	Chlordane, gamma-	5103-74-2	0.0018	0.0009	mg/kg	0.02	R4	0.09	0.05

TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
SA27-0.5	SA27-0.5	OCPs	Chlordane, gamma-	5103-74-2	0.0018	0.0009	mg/kg	0.02	R4	0.09	0.05
PC-70_06	PC-70_06/23/1999	OCPs	Chlordane, gamma-	5103-74-2	0.00021	0.000105	mg/kg	0.02	R4	0.01	0.005
TSB-AJ-01	TSB-AJ-01-0	OCPs	Chlordane, gamma-	5103-74-2	0.000088	0.000044	mg/kg	0.02	R4	0.004	0.002
TSB-AJ-02	TSB-AJ-02-0	OCPs	Chlordane, gamma-	5103-74-2	0.000087	0.0000435	mg/kg	0.02	R4	0.004	0.002
TSB-AJ-02	TSB-AJ-02-0(FD)	OCPs	Chlordane, gamma-	5103-74-2	0.000087	0.0000435	mg/kg	0.02	R4	0.004	0.002
TSB-AJ-03	TSB-AJ-03-0	OCPs	Chlordane, gamma-	5103-74-2	0.000087	0.0000435	mg/kg	0.02	R4	0.004	0.002
TSB-AR-01	TSB-AR-01-0	OCPs	Chlordane, gamma-	5103-74-2	0.00009	0.000045	mg/kg	0.02	R4	0.005	0.002
TSB-AR-01	TSB-AR-01-0(FD)	OCPs	Chlordane, gamma-	5103-74-2	0.000092	0.000046	mg/kg	0.02	R4	0.005	0.002
TSB-AR-02	TSB-AR-02-0	OCPs	Chlordane, gamma-	5103-74-2	0.000088	0.000044	mg/kg	0.02	R4	0.004	0.002
TSB-AR-04	TSB-AR-04-0	OCPs	Chlordane, gamma-	5103-74-2	0.000088	0.000044	mg/kg	0.02	R4	0.004	0.002
TSB-AR-05	TSB-AR-05-0	OCPs	Chlordane, gamma-	5103-74-2	0.000088	0.000044	mg/kg	0.02	R4	0.004	0.002
TSB-AR-06	TSB-AR-06-0	OCPs	Chlordane, gamma-	5103-74-2	0.000088	0.000044	mg/kg	0.02	R4	0.004	0.002
TSB-AR-06	TSB-AR-06-0(FD)	OCPs	Chlordane, gamma-	5103-74-2	0.000089	0.0000445	mg/kg	0.02	R4	0.004	0.002
TSB-AR-07	TSB-AR-07-0	OCPs	Chlordane, gamma-	5103-74-2	0.00009	0.000045	mg/kg	0.02	R4	0.005	0.002
TSB-AR-08	TSB-AR-08-0	OCPs	Chlordane, gamma-	5103-74-2	0.000088	0.000044	mg/kg	0.02	R4	0.004	0.002
TSB-AR-10	TSB-AR-10-0	OCPs	Chlordane, gamma-	5103-74-2	0.000089	0.0000445	mg/kg	0.02	R4	0.004	0.002
TSB-AR-11	TSB-AR-11-0	OCPs	Chlordane, gamma-	5103-74-2	0.000089	0.0000445	mg/kg	0.02	R4	0.004	0.002
TSB-AR-11	TSB-AR-11-0(FD)	OCPs	Chlordane, gamma-	5103-74-2	0.000089	0.0000445	mg/kg	0.02	R4	0.004	0.002
TSB-AR-12	TSB-AR-12-0	OCPs	Chlordane, gamma-	5103-74-2	0.000088	0.000044	mg/kg	0.02	R4	0.004	0.002
TSB-AR-13	TSB-AR-13-0	OCPs	Chlordane, gamma-	5103-74-2	0.000088	0.000044	mg/kg	0.02	R4	0.004	0.002
TSB-AR-14	TSB-AR-14-0	OCPs	Chlordane, gamma-	5103-74-2	0.000089	0.0000445	mg/kg	0.02	R4	0.004	0.002
TSB-AR-3	TSB-AR-3-0	OCPs	Chlordane, gamma-	5103-74-2	0.000087	0.0000435	mg/kg	0.02	R4	0.004	0.002
TSB-AR-9	TSB-AR-9-0	OCPs	Chlordane, gamma-	5103-74-2	0.000088	0.000044	mg/kg	0.02	R4	0.004	0.002
TSB-BJ-01	TSB-BJ-01-0	OCPs	Chlordane, gamma-	5103-74-2	0.000087	0.0000435	mg/kg	0.02	R4	0.004	0.002
TSB-BJ-02	TSB-BJ-02-0	OCPs	Chlordane, gamma-	5103-74-2	0.000087	0.0000435	mg/kg	0.02	R4	0.004	0.002
TSB-BJ-06	TSB-BJ-06-0	OCPs	Chlordane, gamma-	5103-74-2	0.00009	0.000045	mg/kg	0.02	R4	0.005	0.002
TSB-BR-02	TSB-BR-02-0	OCPs	Chlordane, gamma-	5103-74-2	0.000087	0.0000435	mg/kg	0.02	R4	0.004	0.002
TSB-BR-03	TSB-BR-03-0	OCPs	Chlordane, gamma-	5103-74-2	0.000091	0.0000455	mg/kg	0.02	R4	0.005	0.002
TSB-BR-04	TSB-BR-04-0	OCPs	Chlordane, gamma-	5103-74-2	0.000089	0.0000445	mg/kg	0.02	R4	0.004	0.002
TSB-BR-04	TSB-BR-04-0(FD)	OCPs	Chlordane, gamma-	5103-74-2	0.000088	0.000044	mg/kg	0.02	R4	0.004	0.002
TSB-BR-05	TSB-BR-05-0	OCPs	Chlordane, gamma-	5103-74-2	0.000087	0.0000435	mg/kg	0.02	R4	0.004	0.002
TSB-BR-06	TSB-BR-06-0	OCPs	Chlordane, gamma-	5103-74-2	0.000087	0.0000435	mg/kg	0.02	R4	0.004	0.002
PC-70_06	PC-70_06/23/1999	SVOCs	Chloroaniline, 4-	106-47-8	0.035	0.0175	mg/kg	1	R4	0.04	0.02
TSB-AR-01	TSB-AR-01-0	SVOCs	Chloroaniline, 4-	106-47-8	0.035	0.0175	mg/kg	1	R4	0.04	0.02
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Chloroaniline, 4-	106-47-8	0.036	0.018	mg/kg	1	R4	0.04	0.02
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Chloroaniline, 4-	106-47-8	0.035	0.0175	mg/kg	1	R4	0.04	0.02
TSB-AR-07	TSB-AR-07-0	SVOCs	Chloroaniline, 4-	106-47-8	0.035	0.0175	mg/kg	1	R4	0.04	0.02
TSB-AR-10	TSB-AR-10-0	SVOCs	Chloroaniline, 4-	106-47-8	0.035	0.0175	mg/kg	1	R4	0.04	0.02
TSB-AR-11	TSB-AR-11-0	SVOCs	Chloroaniline, 4-	106-47-8	0.035	0.0175	mg/kg	1	R4	0.04	0.02
TSB-AR-14	TSB-AR-14-0	SVOCs	Chloroaniline, 4-	106-47-8	0.035	0.0175	mg/kg	1	R4	0.04	0.02

TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Chloroaniline, 4-	106-47-8	0.035	0.0175	mg/kg	1	R4	0.04	0.02
TSB-BR-03	TSB-BR-03-0	SVOCs	Chloroaniline, 4-	106-47-8	0.035	0.0175	mg/kg	1	R4	0.04	0.02
TSB-BR-04	TSB-BR-04-0	SVOCs	Chloroaniline, 4-	106-47-8	0.035	0.0175	mg/kg	1	R4	0.04	0.02
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Chloroaniline, 4-	106-47-8	0.034	0.017	mg/kg	1	R4	0.03	0.02
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Chloroaniline, 4-	106-47-8	0.034	0.017	mg/kg	1	R4	0.03	0.02
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Chloroaniline, 4-	106-47-8	0.034	0.017	mg/kg	1	R4	0.03	0.02
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Chloroaniline, 4-	106-47-8	0.034	0.017	mg/kg	1	R4	0.03	0.02
TSB-AR-02	TSB-AR-02-0	SVOCs	Chloroaniline, 4-	106-47-8	0.034	0.017	mg/kg	1	R4	0.03	0.02
TSB-AR-04	TSB-AR-04-0	SVOCs	Chloroaniline, 4-	106-47-8	0.034	0.017	mg/kg	1	R4	0.03	0.02
TSB-AR-05	TSB-AR-05-0	SVOCs	Chloroaniline, 4-	106-47-8	0.034	0.017	mg/kg	1	R4	0.03	0.02
TSB-AR-06	TSB-AR-06-0	SVOCs	Chloroaniline, 4-	106-47-8	0.034	0.017	mg/kg	1	R4	0.03	0.02
TSB-AR-08	TSB-AR-08-0	SVOCs	Chloroaniline, 4-	106-47-8	0.034	0.017	mg/kg	1	R4	0.03	0.02
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Chloroaniline, 4-	106-47-8	0.034	0.017	mg/kg	1	R4	0.03	0.02
TSB-AR-12	TSB-AR-12-0	SVOCs	Chloroaniline, 4-	106-47-8	0.034	0.017	mg/kg	1	R4	0.03	0.02
TSB-AR-13	TSB-AR-13-0	SVOCs	Chloroaniline, 4-	106-47-8	0.034	0.017	mg/kg	1	R4	0.03	0.02
TSB-AR-3	TSB-AR-3-0	SVOCs	Chloroaniline, 4-	106-47-8	0.034	0.017	mg/kg	1	R4	0.03	0.02
TSB-AR-9	TSB-AR-9-0	SVOCs	Chloroaniline, 4-	106-47-8	0.034	0.017	mg/kg	1	R4	0.03	0.02
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Chloroaniline, 4-	106-47-8	0.034	0.017	mg/kg	1	R4	0.03	0.02
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Chloroaniline, 4-	106-47-8	0.034	0.017	mg/kg	1	R4	0.03	0.02
TSB-BR-02	TSB-BR-02-0	SVOCs	Chloroaniline, 4-	106-47-8	0.034	0.017	mg/kg	1	R4	0.03	0.02
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Chloroaniline, 4-	106-47-8	0.034	0.017	mg/kg	1	R4	0.03	0.02
TSB-BR-05	TSB-BR-05-0	SVOCs	Chloroaniline, 4-	106-47-8	0.034	0.017	mg/kg	1	R4	0.03	0.02
TSB-BR-06	TSB-BR-06-0	SVOCs	Chloroaniline, 4-	106-47-8	0.034	0.017	mg/kg	1	R4	0.03	0.02
SA24-0.5	SA24-0.5	VOCs	Chlorobenzene	108-90-7	0.0058	0.0029	mg/kg	2.4	R4	0.002	0.001
SA25-0.5	SA25-0.5	VOCs	Chlorobenzene	108-90-7	0.0056	0.0028	mg/kg	2.4	R4	0.002	0.001
SA26-0.5	SA26-0.5	VOCs	Chlorobenzene	108-90-7	0.0054	0.0027	mg/kg	2.4	R4	0.002	0.001
SA27-0.5	SA27-0.5	VOCs	Chlorobenzene	108-90-7	0.0052	0.0026	mg/kg	2.4	R4	0.002	0.001
PC-70_06	PC-70_06/23/1999	VOCs	Chlorobenzene	108-90-7	0.001	0.0005	mg/kg	2.4	R4	0.0004	0.0002
TSB-AJ-01	TSB-AJ-01-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-AJ-02	TSB-AJ-02-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-AJ-03	TSB-AJ-03-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-AR-01	TSB-AR-01-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-AR-02	TSB-AR-02-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-AR-04	TSB-AR-04-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-AR-05	TSB-AR-05-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-AR-06	TSB-AR-06-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-AR-07	TSB-AR-07-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-08	TSB-AR-08-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-AR-10	TSB-AR-10-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-AR-11	TSB-AR-11-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-AR-12	TSB-AR-12-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-AR-13	TSB-AR-13-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-AR-14	TSB-AR-14-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-AR-3	TSB-AR-3-0	VOCs	Chlorobenzene	108-90-7	0.00012	0.00006	mg/kg	2.4	R4	0.00005	0.00003
TSB-AR-9	TSB-AR-9-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-BJ-01	TSB-BJ-01-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-BJ-02	TSB-BJ-02-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-BJ-06	TSB-BJ-06-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-BR-02	TSB-BR-02-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-BR-03	TSB-BR-03-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-BR-04	TSB-BR-04-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-BR-05	TSB-BR-05-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
TSB-BR-06	TSB-BR-06-0	VOCs	Chlorobenzene	108-90-7	0.00013	0.000065	mg/kg	2.4	R4	0.00005	0.00003
SA24-0.5	SA24-0.5	VOCs	Chloroform	67-66-3	0.0058	0.0029	mg/kg	0.05	R4	0.1	0.06
SA25-0.5	SA25-0.5	VOCs	Chloroform	67-66-3	0.0056	0.0028	mg/kg	0.05	R4	0.1	0.06
SA26-0.5	SA26-0.5	VOCs	Chloroform	67-66-3	0.0054	0.0027	mg/kg	0.05	R4	0.1	0.05
SA27-0.5	SA27-0.5	VOCs	Chloroform	67-66-3	0.0052	0.0026	mg/kg	0.05	R4	0.1	0.05
PC-70_06	PC-70_06/23/1999	VOCs	Chloroform	67-66-3	0.001	0.0005	mg/kg	0.05	R4	0.02	0.01
TSB-AJ-01	TSB-AJ-01-0	VOCs	Chloroform	67-66-3	0.00014	0.00007	mg/kg	0.05	R4	0.003	0.001
TSB-AJ-02	TSB-AJ-02-0	VOCs	Chloroform	67-66-3	0.00014	0.00007	mg/kg	0.05	R4	0.003	0.001
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Chloroform	67-66-3	0.00014	0.00007	mg/kg	0.05	R4	0.003	0.001
TSB-AJ-03	TSB-AJ-03-0	VOCs	Chloroform	67-66-3	0.00015	0.000075	mg/kg	0.05	R4	0.003	0.002
TSB-AR-01	TSB-AR-01-0	VOCs	Chloroform	67-66-3	0.00015	0.000075	mg/kg	0.05	R4	0.003	0.002
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Chloroform	67-66-3	0.00015	0.000075	mg/kg	0.05	R4	0.003	0.002
TSB-AR-02	TSB-AR-02-0	VOCs	Chloroform	67-66-3	0.00014	0.00007	mg/kg	0.05	R4	0.003	0.001
TSB-AR-04	TSB-AR-04-0	VOCs	Chloroform	67-66-3	0.00015	0.000075	mg/kg	0.05	R4	0.003	0.002
TSB-AR-05	TSB-AR-05-0	VOCs	Chloroform	67-66-3	0.00015	0.000075	mg/kg	0.05	R4	0.003	0.002
TSB-AR-06	TSB-AR-06-0	VOCs	Chloroform	67-66-3	0.00015	0.000075	mg/kg	0.05	R4	0.003	0.002
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Chloroform	67-66-3	0.00015	0.000075	mg/kg	0.05	R4	0.003	0.002
TSB-AR-07	TSB-AR-07-0	VOCs	Chloroform	67-66-3	0.00015	0.000075	mg/kg	0.05	R4	0.003	0.002
TSB-AR-08	TSB-AR-08-0	VOCs	Chloroform	67-66-3	0.00015	0.000075	mg/kg	0.05	R4	0.003	0.002
TSB-AR-10	TSB-AR-10-0	VOCs	Chloroform	67-66-3	0.00015	0.000075	mg/kg	0.05	R4	0.003	0.002
TSB-AR-11	TSB-AR-11-0	VOCs	Chloroform	67-66-3	0.00015	0.000075	mg/kg	0.05	R4	0.003	0.002
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Chloroform	67-66-3	0.00015	0.000075	mg/kg	0.05	R4	0.003	0.002
TSB-AR-12	TSB-AR-12-0	VOCs	Chloroform	67-66-3	0.00014	0.00007	mg/kg	0.05	R4	0.003	0.001

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-13	TSB-AR-13-0	VOCs	Chloroform	67-66-3	0.00014	0.00007	mg/kg	0.05	R4	0.003	0.001
TSB-AR-14	TSB-AR-14-0	VOCs	Chloroform	67-66-3	0.00015	0.000075	mg/kg	0.05	R4	0.003	0.002
TSB-AR-3	TSB-AR-3-0	VOCs	Chloroform	67-66-3	0.00014	0.00007	mg/kg	0.05	R4	0.003	0.001
TSB-AR-9	TSB-AR-9-0	VOCs	Chloroform	67-66-3	0.00014	0.00007	mg/kg	0.05	R4	0.003	0.001
TSB-BJ-01	TSB-BJ-01-0	VOCs	Chloroform	67-66-3	0.00014	0.00007	mg/kg	0.05	R4	0.003	0.001
TSB-BJ-02	TSB-BJ-02-0	VOCs	Chloroform	67-66-3	0.00014	0.00007	mg/kg	0.05	R4	0.003	0.001
TSB-BJ-06	TSB-BJ-06-0	VOCs	Chloroform	67-66-3	0.00015	0.000075	mg/kg	0.05	R4	0.003	0.002
TSB-BR-02	TSB-BR-02-0	VOCs	Chloroform	67-66-3	0.00015	0.000075	mg/kg	0.05	R4	0.003	0.002
TSB-BR-03	TSB-BR-03-0	VOCs	Chloroform	67-66-3	0.00015	0.000075	mg/kg	0.05	R4	0.003	0.002
TSB-BR-04	TSB-BR-04-0	VOCs	Chloroform	67-66-3	0.00015	0.000075	mg/kg	0.05	R4	0.003	0.002
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Chloroform	67-66-3	0.00015	0.000075	mg/kg	0.05	R4	0.003	0.002
TSB-BR-05	TSB-BR-05-0	VOCs	Chloroform	67-66-3	0.00014	0.00007	mg/kg	0.05	R4	0.003	0.001
TSB-BR-06	TSB-BR-06-0	VOCs	Chloroform	67-66-3	0.00014	0.00007	mg/kg	0.05	R4	0.003	0.001
PC-70_06	PC-70_06/23/1999	SVOCs	Chlorophenol, 2-	95-57-8	0.035	0.0175	mg/kg	0.06	R4	0.6	0.3
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Chlorophenol, 2-	95-57-8	0.034	0.017	mg/kg	0.06	R4	0.6	0.3
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Chlorophenol, 2-	95-57-8	0.034	0.017	mg/kg	0.06	R4	0.6	0.3
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Chlorophenol, 2-	95-57-8	0.034	0.017	mg/kg	0.06	R4	0.6	0.3
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Chlorophenol, 2-	95-57-8	0.034	0.017	mg/kg	0.06	R4	0.6	0.3
TSB-AR-01	TSB-AR-01-0	SVOCs	Chlorophenol, 2-	95-57-8	0.035	0.0175	mg/kg	0.06	R4	0.6	0.3
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Chlorophenol, 2-	95-57-8	0.036	0.018	mg/kg	0.06	R4	0.6	0.3
TSB-AR-02	TSB-AR-02-0	SVOCs	Chlorophenol, 2-	95-57-8	0.034	0.017	mg/kg	0.06	R4	0.6	0.3
TSB-AR-04	TSB-AR-04-0	SVOCs	Chlorophenol, 2-	95-57-8	0.034	0.017	mg/kg	0.06	R4	0.6	0.3
TSB-AR-05	TSB-AR-05-0	SVOCs	Chlorophenol, 2-	95-57-8	0.034	0.017	mg/kg	0.06	R4	0.6	0.3
TSB-AR-06	TSB-AR-06-0	SVOCs	Chlorophenol, 2-	95-57-8	0.034	0.017	mg/kg	0.06	R4	0.6	0.3
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Chlorophenol, 2-	95-57-8	0.035	0.0175	mg/kg	0.06	R4	0.6	0.3
TSB-AR-07	TSB-AR-07-0	SVOCs	Chlorophenol, 2-	95-57-8	0.035	0.0175	mg/kg	0.06	R4	0.6	0.3
TSB-AR-08	TSB-AR-08-0	SVOCs	Chlorophenol, 2-	95-57-8	0.034	0.017	mg/kg	0.06	R4	0.6	0.3
TSB-AR-10	TSB-AR-10-0	SVOCs	Chlorophenol, 2-	95-57-8	0.035	0.0175	mg/kg	0.06	R4	0.6	0.3
TSB-AR-11	TSB-AR-11-0	SVOCs	Chlorophenol, 2-	95-57-8	0.035	0.0175	mg/kg	0.06	R4	0.6	0.3
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Chlorophenol, 2-	95-57-8	0.034	0.017	mg/kg	0.06	R4	0.6	0.3
TSB-AR-12	TSB-AR-12-0	SVOCs	Chlorophenol, 2-	95-57-8	0.034	0.017	mg/kg	0.06	R4	0.6	0.3
TSB-AR-13	TSB-AR-13-0	SVOCs	Chlorophenol, 2-	95-57-8	0.034	0.017	mg/kg	0.06	R4	0.6	0.3
TSB-AR-14	TSB-AR-14-0	SVOCs	Chlorophenol, 2-	95-57-8	0.035	0.0175	mg/kg	0.06	R4	0.6	0.3
TSB-AR-3	TSB-AR-3-0	SVOCs	Chlorophenol, 2-	95-57-8	0.034	0.017	mg/kg	0.06	R4	0.6	0.3
TSB-AR-9	TSB-AR-9-0	SVOCs	Chlorophenol, 2-	95-57-8	0.034	0.017	mg/kg	0.06	R4	0.6	0.3
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Chlorophenol, 2-	95-57-8	0.034	0.017	mg/kg	0.06	R4	0.6	0.3
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Chlorophenol, 2-	95-57-8	0.034	0.017	mg/kg	0.06	R4	0.6	0.3
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Chlorophenol, 2-	95-57-8	0.035	0.0175	mg/kg	0.06	R4	0.6	0.3
TSB-BR-02	TSB-BR-02-0	SVOCs	Chlorophenol, 2-	95-57-8	0.034	0.017	mg/kg	0.06	R4	0.6	0.3
TSB-BR-03	TSB-BR-03-0	SVOCs	Chlorophenol, 2-	95-57-8	0.035	0.0175	mg/kg	0.06	R4	0.6	0.3

TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-BR-04	TSB-BR-04-0	SVOCs	Chlorophenol, 2-	95-57-8	0.035	0.0175	mg/kg	0.06	R4	0.6	0.3
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Chlorophenol, 2-	95-57-8	0.034	0.017	mg/kg	0.06	R4	0.6	0.3
TSB-BR-05	TSB-BR-05-0	SVOCs	Chlorophenol, 2-	95-57-8	0.034	0.017	mg/kg	0.06	R4	0.6	0.3
TSB-BR-06	TSB-BR-06-0	SVOCs	Chlorophenol, 2-	95-57-8	0.034	0.017	mg/kg	0.06	R4	0.6	0.3
SA24-0.5	SA24-0.5	OPPs	Chlorpyrifos	2921-88-2	0.023	0.0115	mg/kg	0.003	R4	8	4
SA25-0.5	SA25-0.5	OPPs	Chlorpyrifos	2921-88-2	0.023	0.0115	mg/kg	0.003	R4	8	4
SA26-0.5	SA26-0.5	OPPs	Chlorpyrifos	2921-88-2	0.022	0.011	mg/kg	0.003	R4	7	4
SA27-0.5	SA27-0.5	OPPs	Chlorpyrifos	2921-88-2	0.021	0.0105	mg/kg	0.003	R4	7	4
SA24-0.5	SA24-0.5	VOCs	Cumene	98-82-8	0.0058	0.0029	mg/kg	0.04	R4	0.1	0.07
SA25-0.5	SA25-0.5	VOCs	Cumene	98-82-8	0.0056	0.0028	mg/kg	0.04	R4	0.1	0.07
SA26-0.5	SA26-0.5	VOCs	Cumene	98-82-8	0.0054	0.0027	mg/kg	0.04	R4	0.1	0.07
SA27-0.5	SA27-0.5	VOCs	Cumene	98-82-8	0.0052	0.0026	mg/kg	0.04	R4	0.1	0.07
TSB-AJ-01	TSB-AJ-01-0	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-AJ-02	TSB-AJ-02-0	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-AJ-03	TSB-AJ-03-0	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-AR-01	TSB-AR-01-0	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Cumene	98-82-8	0.00019	0.000095	mg/kg	0.04	R4	0.005	0.002
TSB-AR-02	TSB-AR-02-0	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-AR-04	TSB-AR-04-0	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-AR-05	TSB-AR-05-0	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-AR-06	TSB-AR-06-0	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-AR-07	TSB-AR-07-0	VOCs	Cumene	98-82-8	0.00019	0.000095	mg/kg	0.04	R4	0.005	0.002
TSB-AR-08	TSB-AR-08-0	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-AR-10	TSB-AR-10-0	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-AR-11	TSB-AR-11-0	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-AR-12	TSB-AR-12-0	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-AR-13	TSB-AR-13-0	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-AR-14	TSB-AR-14-0	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-AR-3	TSB-AR-3-0	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-AR-9	TSB-AR-9-0	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-BJ-01	TSB-BJ-01-0	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-BJ-02	TSB-BJ-02-0	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-BJ-06	TSB-BJ-06-0	VOCs	Cumene	98-82-8	0.00019	0.000095	mg/kg	0.04	R4	0.005	0.002
TSB-BR-02	TSB-BR-02-0	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-BR-03	TSB-BR-03-0	VOCs	Cumene	98-82-8	0.00019	0.000095	mg/kg	0.04	R4	0.005	0.002
TSB-BR-04	TSB-BR-04-0	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-BR-05	TSB-BR-05-0	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
TSB-BR-06	TSB-BR-06-0	VOCs	Cumene	98-82-8	0.00018	0.00009	mg/kg	0.04	R4	0.005	0.002
SA24-0.5	SA24-0.5	General Chemistry	Cyanide (total)	57-12-5	0.14	0.07	mg/kg	0.098	R4	1	0.7
SA25-0.5	SA25-0.5	General Chemistry	Cyanide (total)	57-12-5	0.14	0.07	mg/kg	0.098	R4	1	0.7
SA27-0.5	SA27-0.5	General Chemistry	Cyanide (total)	57-12-5	0.13	0.065	mg/kg	0.098	R4	1	0.7
SA24-0.5	SA24-0.5	VOCs	Cymene, p-	99-87-6	0.0058	0.0029	mg/kg	0.18	R4	0.03	0.02
SA25-0.5	SA25-0.5	VOCs	Cymene, p-	99-87-6	0.0056	0.0028	mg/kg	0.18	R4	0.03	0.02
SA26-0.5	SA26-0.5	VOCs	Cymene, p-	99-87-6	0.0054	0.0027	mg/kg	0.18	R4	0.03	0.02
SA27-0.5	SA27-0.5	VOCs	Cymene, p-	99-87-6	0.0052	0.0026	mg/kg	0.18	R4	0.03	0.01
TSB-AJ-01	TSB-AJ-01-0	VOCs	Cymene, p-	99-87-6	0.00024	0.00012	mg/kg	0.18	R4	0.001	0.0007
TSB-AJ-02	TSB-AJ-02-0	VOCs	Cymene, p-	99-87-6	0.00024	0.00012	mg/kg	0.18	R4	0.001	0.0007
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Cymene, p-	99-87-6	0.00024	0.00012	mg/kg	0.18	R4	0.001	0.0007
TSB-AJ-03	TSB-AJ-03-0	VOCs	Cymene, p-	99-87-6	0.00024	0.00012	mg/kg	0.18	R4	0.001	0.0007
TSB-AR-01	TSB-AR-01-0	VOCs	Cymene, p-	99-87-6	0.00025	0.000125	mg/kg	0.18	R4	0.001	0.0007
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Cymene, p-	99-87-6	0.00026	0.00013	mg/kg	0.18	R4	0.001	0.0007
TSB-AR-02	TSB-AR-02-0	VOCs	Cymene, p-	99-87-6	0.00024	0.00012	mg/kg	0.18	R4	0.001	0.0007
TSB-AR-04	TSB-AR-04-0	VOCs	Cymene, p-	99-87-6	0.00024	0.00012	mg/kg	0.18	R4	0.001	0.0007
TSB-AR-05	TSB-AR-05-0	VOCs	Cymene, p-	99-87-6	0.00025	0.000125	mg/kg	0.18	R4	0.001	0.0007
TSB-AR-06	TSB-AR-06-0	VOCs	Cymene, p-	99-87-6	0.00025	0.000125	mg/kg	0.18	R4	0.001	0.0007
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Cymene, p-	99-87-6	0.00025	0.000125	mg/kg	0.18	R4	0.001	0.0007
TSB-AR-07	TSB-AR-07-0	VOCs	Cymene, p-	99-87-6	0.00025	0.000125	mg/kg	0.18	R4	0.001	0.0007
TSB-AR-08	TSB-AR-08-0	VOCs	Cymene, p-	99-87-6	0.00024	0.00012	mg/kg	0.18	R4	0.001	0.0007
TSB-AR-10	TSB-AR-10-0	VOCs	Cymene, p-	99-87-6	0.00025	0.000125	mg/kg	0.18	R4	0.001	0.0007
TSB-AR-11	TSB-AR-11-0	VOCs	Cymene, p-	99-87-6	0.00025	0.000125	mg/kg	0.18	R4	0.001	0.0007
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Cymene, p-	99-87-6	0.00025	0.000125	mg/kg	0.18	R4	0.001	0.0007
TSB-AR-12	TSB-AR-12-0	VOCs	Cymene, p-	99-87-6	0.00025	0.000125	mg/kg	0.18	R4	0.001	0.0007
TSB-AR-13	TSB-AR-13-0	VOCs	Cymene, p-	99-87-6	0.00024	0.00012	mg/kg	0.18	R4	0.001	0.0007
TSB-AR-14	TSB-AR-14-0	VOCs	Cymene, p-	99-87-6	0.00025	0.000125	mg/kg	0.18	R4	0.001	0.0007
TSB-AR-3	TSB-AR-3-0	VOCs	Cymene, p-	99-87-6	0.00024	0.00012	mg/kg	0.18	R4	0.001	0.0007
TSB-AR-9	TSB-AR-9-0	VOCs	Cymene, p-	99-87-6	0.00024	0.00012	mg/kg	0.18	R4	0.001	0.0007
TSB-BJ-01	TSB-BJ-01-0	VOCs	Cymene, p-	99-87-6	0.00024	0.00012	mg/kg	0.18	R4	0.001	0.0007
TSB-BJ-02	TSB-BJ-02-0	VOCs	Cymene, p-	99-87-6	0.00024	0.00012	mg/kg	0.18	R4	0.001	0.0007
TSB-BJ-06	TSB-BJ-06-0	VOCs	Cymene, p-	99-87-6	0.00025	0.000125	mg/kg	0.18	R4	0.001	0.0007
TSB-BR-02	TSB-BR-02-0	VOCs	Cymene, p-	99-87-6	0.00024	0.00012	mg/kg	0.18	R4	0.001	0.0007
TSB-BR-03	TSB-BR-03-0	VOCs	Cymene, p-	99-87-6	0.00025	0.000125	mg/kg	0.18	R4	0.001	0.0007
TSB-BR-04	TSB-BR-04-0	VOCs	Cymene, p-	99-87-6	0.00025	0.000125	mg/kg	0.18	R4	0.001	0.0007
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Cymene, p-	99-87-6	0.00025	0.000125	mg/kg	0.18	R4	0.001	0.0007
TSB-BR-05	TSB-BR-05-0	VOCs	Cymene, p-	99-87-6	0.00024	0.00012	mg/kg	0.18	R4	0.001	0.0007
TSB-BR-06	TSB-BR-06-0	VOCs	Cymene, p-	99-87-6	0.00024	0.00012	mg/kg	0.18	R4	0.001	0.0007
TSB-AJ-01	TSB-AJ-01-0	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AJ-03	TSB-AJ-03-0	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003
TSB-AR-01	TSB-AR-01-0	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003
TSB-AR-01	TSB-AR-01-0(FD)	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003
TSB-AR-02	TSB-AR-02-0	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003
TSB-AR-04	TSB-AR-04-0	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003
TSB-AR-05	TSB-AR-05-0	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003
TSB-AR-06	TSB-AR-06-0	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003
TSB-AR-06	TSB-AR-06-0(FD)	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003
TSB-AR-07	TSB-AR-07-0	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003
TSB-AR-08	TSB-AR-08-0	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003
TSB-AR-10	TSB-AR-10-0	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003
TSB-AR-11	TSB-AR-11-0	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003
TSB-AR-11	TSB-AR-11-0(FD)	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003
TSB-AR-12	TSB-AR-12-0	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003
TSB-AR-13	TSB-AR-13-0	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003
TSB-AR-14	TSB-AR-14-0	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003
TSB-AR-9	TSB-AR-9-0	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003
TSB-BJ-06	TSB-BJ-06-0	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003
TSB-BR-02	TSB-BR-02-0	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003
TSB-BR-03	TSB-BR-03-0	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003
TSB-BR-04	TSB-BR-04-0	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003
TSB-BR-04	TSB-BR-04-0(FD)	OCPs	DDD, 2,4-	53-19-0	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammal	0.006	0.003
TSB-AJ-02	TSB-AJ-02-0	OCPs	DDD, 2,4-	53-19-0	0.00011	0.000055	mg/kg	0.021	Eco-SSL Mammal	0.005	0.003
TSB-AJ-02	TSB-AJ-02-0(FD)	OCPs	DDD, 2,4-	53-19-0	0.00011	0.000055	mg/kg	0.021	Eco-SSL Mammal	0.005	0.003
TSB-AR-3	TSB-AR-3-0	OCPs	DDD, 2,4-	53-19-0	0.00011	0.000055	mg/kg	0.021	Eco-SSL Mammal	0.005	0.003
TSB-BJ-01	TSB-BJ-01-0	OCPs	DDD, 2,4-	53-19-0	0.00011	0.000055	mg/kg	0.021	Eco-SSL Mammal	0.005	0.003
TSB-BJ-02	TSB-BJ-02-0	OCPs	DDD, 2,4-	53-19-0	0.00011	0.000055	mg/kg	0.021	Eco-SSL Mammal	0.005	0.003
TSB-BR-05	TSB-BR-05-0	OCPs	DDD, 2,4-	53-19-0	0.00011	0.000055	mg/kg	0.021	Eco-SSL Mammal	0.005	0.003
TSB-BR-06	TSB-BR-06-0	OCPs	DDD, 2,4-	53-19-0	0.00011	0.000055	mg/kg	0.021	Eco-SSL Mammal	0.005	0.003
SA24-0.5	SA24-0.5	OCPs	DDD, 4,4'-	72-54-8	0.002	0.001	mg/kg	0.021	Eco-SSL Mammal	0.1	0.05
SA25-0.5	SA25-0.5	OCPs	DDD, 4,4'-	72-54-8	0.0019	0.00095	mg/kg	0.021	Eco-SSL Mammal	0.09	0.05
SA26-0.5	SA26-0.5	OCPs	DDD, 4,4'-	72-54-8	0.0018	0.0009	mg/kg	0.021	Eco-SSL Mammal	0.09	0.04
SA27-0.5	SA27-0.5	OCPs	DDD, 4,4'-	72-54-8	0.0018	0.0009	mg/kg	0.021	Eco-SSL Mammal	0.09	0.04
PC-70_06	PC-70_06/23/1999	OCPs	DDD, 4,4'-	72-54-8	0.00041	0.000205	mg/kg	0.021	Eco-SSL Mammal	0.02	0.01
TSB-AJ-01	TSB-AJ-01-0	OCPs	DDD, 4,4'-	72-54-8	0.00016	0.00008	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-AJ-02	TSB-AJ-02-0	OCPs	DDD, 4,4'-	72-54-8	0.00016	0.00008	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-AJ-02	TSB-AJ-02-0(FD)	OCPs	DDD, 4,4'-	72-54-8	0.00016	0.00008	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-AJ-03	TSB-AJ-03-0	OCPs	DDD, 4,4'-	72-54-8	0.00016	0.00008	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-AR-01	TSB-AR-01-0	OCPs	DDD, 4,4'-	72-54-8	0.00017	0.000085	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-AR-01	TSB-AR-01-0(FD)	OCPs	DDD, 4,4'-	72-54-8	0.00017	0.000085	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-02	TSB-AR-02-0	OCPs	DDD, 4,4'-	72-54-8	0.00016	0.00008	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-AR-04	TSB-AR-04-0	OCPs	DDD, 4,4'-	72-54-8	0.00016	0.00008	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-AR-05	TSB-AR-05-0	OCPs	DDD, 4,4'-	72-54-8	0.00017	0.000085	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-AR-06	TSB-AR-06-0	OCPs	DDD, 4,4'-	72-54-8	0.00017	0.000085	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-AR-06	TSB-AR-06-0(FD)	OCPs	DDD, 4,4'-	72-54-8	0.00017	0.000085	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-AR-07	TSB-AR-07-0	OCPs	DDD, 4,4'-	72-54-8	0.00017	0.000085	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-AR-08	TSB-AR-08-0	OCPs	DDD, 4,4'-	72-54-8	0.00016	0.00008	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-AR-10	TSB-AR-10-0	OCPs	DDD, 4,4'-	72-54-8	0.00017	0.000085	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-AR-11	TSB-AR-11-0	OCPs	DDD, 4,4'-	72-54-8	0.00017	0.000085	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-AR-11	TSB-AR-11-0(FD)	OCPs	DDD, 4,4'-	72-54-8	0.00017	0.000085	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-AR-12	TSB-AR-12-0	OCPs	DDD, 4,4'-	72-54-8	0.00017	0.000085	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-AR-13	TSB-AR-13-0	OCPs	DDD, 4,4'-	72-54-8	0.00016	0.00008	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-AR-14	TSB-AR-14-0	OCPs	DDD, 4,4'-	72-54-8	0.00017	0.000085	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-AR-3	TSB-AR-3-0	OCPs	DDD, 4,4'-	72-54-8	0.00016	0.00008	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-AR-9	TSB-AR-9-0	OCPs	DDD, 4,4'-	72-54-8	0.00016	0.00008	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-BJ-01	TSB-BJ-01-0	OCPs	DDD, 4,4'-	72-54-8	0.00016	0.00008	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-BJ-02	TSB-BJ-02-0	OCPs	DDD, 4,4'-	72-54-8	0.00016	0.00008	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-BJ-06	TSB-BJ-06-0	OCPs	DDD, 4,4'-	72-54-8	0.00017	0.000085	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-BR-02	TSB-BR-02-0	OCPs	DDD, 4,4'-	72-54-8	0.00016	0.00008	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-BR-03	TSB-BR-03-0	OCPs	DDD, 4,4'-	72-54-8	0.00017	0.000085	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-BR-04	TSB-BR-04-0	OCPs	DDD, 4,4'-	72-54-8	0.00017	0.000085	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-BR-04	TSB-BR-04-0(FD)	OCPs	DDD, 4,4'-	72-54-8	0.00017	0.000085	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-BR-05	TSB-BR-05-0	OCPs	DDD, 4,4'-	72-54-8	0.00016	0.00008	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
TSB-BR-06	TSB-BR-06-0	OCPs	DDD, 4,4'-	72-54-8	0.00016	0.00008	mg/kg	0.021	Eco-SSL Mammal	0.008	0.004
SA24-0.5	SA24-0.5	OPPs	Diazinon	333-41-5	0.025	0.0125	mg/kg	0.0037	R4	7	3
SA25-0.5	SA25-0.5	OPPs	Diazinon	333-41-5	0.025	0.0125	mg/kg	0.0037	R4	7	3
SA26-0.5	SA26-0.5	OPPs	Diazinon	333-41-5	0.024	0.012	mg/kg	0.0037	R4	6	3
SA27-0.5	SA27-0.5	OPPs	Diazinon	333-41-5	0.023	0.0115	mg/kg	0.0037	R4	6	3
PC-70_06	PC-70_06/23/1999	SVOCs	Dibenzofuran	132-64-9	0.035	0.0175	mg/kg	0.15	R4	0.2	0.1
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Dibenzofuran	132-64-9	0.034	0.017	mg/kg	0.15	R4	0.2	0.1
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Dibenzofuran	132-64-9	0.034	0.017	mg/kg	0.15	R4	0.2	0.1
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Dibenzofuran	132-64-9	0.034	0.017	mg/kg	0.15	R4	0.2	0.1
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Dibenzofuran	132-64-9	0.034	0.017	mg/kg	0.15	R4	0.2	0.1
TSB-AR-01	TSB-AR-01-0	SVOCs	Dibenzofuran	132-64-9	0.035	0.0175	mg/kg	0.15	R4	0.2	0.1
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Dibenzofuran	132-64-9	0.036	0.018	mg/kg	0.15	R4	0.2	0.1
TSB-AR-02	TSB-AR-02-0	SVOCs	Dibenzofuran	132-64-9	0.034	0.017	mg/kg	0.15	R4	0.2	0.1
TSB-AR-04	TSB-AR-04-0	SVOCs	Dibenzofuran	132-64-9	0.034	0.017	mg/kg	0.15	R4	0.2	0.1
TSB-AR-05	TSB-AR-05-0	SVOCs	Dibenzofuran	132-64-9	0.034	0.017	mg/kg	0.15	R4	0.2	0.1
TSB-AR-06	TSB-AR-06-0	SVOCs	Dibenzofuran	132-64-9	0.034	0.017	mg/kg	0.15	R4	0.2	0.1
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Dibenzofuran	132-64-9	0.035	0.0175	mg/kg	0.15	R4	0.2	0.1

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-07	TSB-AR-07-0	SVOCs	Dibenzofuran	132-64-9	0.035	0.0175	mg/kg	0.15	R4	0.2	0.1
TSB-AR-08	TSB-AR-08-0	SVOCs	Dibenzofuran	132-64-9	0.034	0.017	mg/kg	0.15	R4	0.2	0.1
TSB-AR-10	TSB-AR-10-0	SVOCs	Dibenzofuran	132-64-9	0.035	0.0175	mg/kg	0.15	R4	0.2	0.1
TSB-AR-11	TSB-AR-11-0	SVOCs	Dibenzofuran	132-64-9	0.035	0.0175	mg/kg	0.15	R4	0.2	0.1
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Dibenzofuran	132-64-9	0.034	0.017	mg/kg	0.15	R4	0.2	0.1
TSB-AR-12	TSB-AR-12-0	SVOCs	Dibenzofuran	132-64-9	0.034	0.017	mg/kg	0.15	R4	0.2	0.1
TSB-AR-13	TSB-AR-13-0	SVOCs	Dibenzofuran	132-64-9	0.034	0.017	mg/kg	0.15	R4	0.2	0.1
TSB-AR-14	TSB-AR-14-0	SVOCs	Dibenzofuran	132-64-9	0.035	0.0175	mg/kg	0.15	R4	0.2	0.1
TSB-AR-3	TSB-AR-3-0	SVOCs	Dibenzofuran	132-64-9	0.034	0.017	mg/kg	0.15	R4	0.2	0.1
TSB-AR-9	TSB-AR-9-0	SVOCs	Dibenzofuran	132-64-9	0.034	0.017	mg/kg	0.15	R4	0.2	0.1
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Dibenzofuran	132-64-9	0.034	0.017	mg/kg	0.15	R4	0.2	0.1
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Dibenzofuran	132-64-9	0.034	0.017	mg/kg	0.15	R4	0.2	0.1
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Dibenzofuran	132-64-9	0.035	0.0175	mg/kg	0.15	R4	0.2	0.1
TSB-BR-02	TSB-BR-02-0	SVOCs	Dibenzofuran	132-64-9	0.034	0.017	mg/kg	0.15	R4	0.2	0.1
TSB-BR-03	TSB-BR-03-0	SVOCs	Dibenzofuran	132-64-9	0.035	0.0175	mg/kg	0.15	R4	0.2	0.1
TSB-BR-04	TSB-BR-04-0	SVOCs	Dibenzofuran	132-64-9	0.035	0.0175	mg/kg	0.15	R4	0.2	0.1
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Dibenzofuran	132-64-9	0.034	0.017	mg/kg	0.15	R4	0.2	0.1
TSB-BR-05	TSB-BR-05-0	SVOCs	Dibenzofuran	132-64-9	0.034	0.017	mg/kg	0.15	R4	0.2	0.1
TSB-BR-06	TSB-BR-06-0	SVOCs	Dibenzofuran	132-64-9	0.034	0.017	mg/kg	0.15	R4	0.2	0.1
PC-70_06	PC-70_06/23/1999	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.035	0.0175	mg/kg	0.09	R4	0.4	0.2
SA24-0.5	SA24-0.5	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.0058	0.0029	mg/kg	0.09	R4	0.06	0.03
SA25-0.5	SA25-0.5	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.0056	0.0028	mg/kg	0.09	R4	0.06	0.03
SA26-0.5	SA26-0.5	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.0054	0.0027	mg/kg	0.09	R4	0.06	0.03
SA27-0.5	SA27-0.5	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.0052	0.0026	mg/kg	0.09	R4	0.06	0.03
TSB-AJ-01	TSB-AJ-01-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00015	0.000075	mg/kg	0.09	R4	0.002	0.0008
TSB-AJ-02	TSB-AJ-02-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00015	0.000075	mg/kg	0.09	R4	0.002	0.0008
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00015	0.000075	mg/kg	0.09	R4	0.002	0.0008
TSB-AJ-03	TSB-AJ-03-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00015	0.000075	mg/kg	0.09	R4	0.002	0.0008
TSB-AR-01	TSB-AR-01-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00016	0.00008	mg/kg	0.09	R4	0.002	0.0009
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00016	0.00008	mg/kg	0.09	R4	0.002	0.0009
TSB-AR-02	TSB-AR-02-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00015	0.000075	mg/kg	0.09	R4	0.002	0.0008
TSB-AR-04	TSB-AR-04-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00015	0.000075	mg/kg	0.09	R4	0.002	0.0008
TSB-AR-05	TSB-AR-05-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00015	0.000075	mg/kg	0.09	R4	0.002	0.0008
TSB-AR-06	TSB-AR-06-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00016	0.00008	mg/kg	0.09	R4	0.002	0.0009
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00016	0.00008	mg/kg	0.09	R4	0.002	0.0009
TSB-AR-07	TSB-AR-07-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00016	0.00008	mg/kg	0.09	R4	0.002	0.0009
TSB-AR-08	TSB-AR-08-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00015	0.000075	mg/kg	0.09	R4	0.002	0.0008
TSB-AR-10	TSB-AR-10-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00016	0.00008	mg/kg	0.09	R4	0.002	0.0009
TSB-AR-11	TSB-AR-11-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00016	0.00008	mg/kg	0.09	R4	0.002	0.0009
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00015	0.000075	mg/kg	0.09	R4	0.002	0.0008

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-12	TSB-AR-12-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00015	0.000075	mg/kg	0.09	R4	0.002	0.0008
TSB-AR-13	TSB-AR-13-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00015	0.000075	mg/kg	0.09	R4	0.002	0.0008
TSB-AR-14	TSB-AR-14-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00015	0.000075	mg/kg	0.09	R4	0.002	0.0008
TSB-AR-3	TSB-AR-3-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00015	0.000075	mg/kg	0.09	R4	0.002	0.0008
TSB-AR-9	TSB-AR-9-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00015	0.000075	mg/kg	0.09	R4	0.002	0.0008
TSB-BJ-01	TSB-BJ-01-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00015	0.000075	mg/kg	0.09	R4	0.002	0.0008
TSB-BJ-02	TSB-BJ-02-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00015	0.000075	mg/kg	0.09	R4	0.002	0.0008
TSB-BJ-06	TSB-BJ-06-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00016	0.00008	mg/kg	0.09	R4	0.002	0.0009
TSB-BR-02	TSB-BR-02-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00015	0.000075	mg/kg	0.09	R4	0.002	0.0008
TSB-BR-03	TSB-BR-03-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00016	0.00008	mg/kg	0.09	R4	0.002	0.0009
TSB-BR-04	TSB-BR-04-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00016	0.00008	mg/kg	0.09	R4	0.002	0.0009
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00015	0.000075	mg/kg	0.09	R4	0.002	0.0008
TSB-BR-05	TSB-BR-05-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00015	0.000075	mg/kg	0.09	R4	0.002	0.0008
TSB-BR-06	TSB-BR-06-0	VOCs	Dichlorobenzene, 1,2-	95-50-1	0.00015	0.000075	mg/kg	0.09	R4	0.002	0.0008
PC-70_06	PC-70_06/23/1999	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.035	0.0175	mg/kg	0.08	R4	0.4	0.2
SA24-0.5	SA24-0.5	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.0058	0.0029	mg/kg	0.08	R4	0.07	0.04
SA25-0.5	SA25-0.5	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.0056	0.0028	mg/kg	0.08	R4	0.07	0.04
SA26-0.5	SA26-0.5	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.0054	0.0027	mg/kg	0.08	R4	0.07	0.03
SA27-0.5	SA27-0.5	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.0052	0.0026	mg/kg	0.08	R4	0.07	0.03
TSB-AJ-01	TSB-AJ-01-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
TSB-AJ-02	TSB-AJ-02-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
TSB-AJ-03	TSB-AJ-03-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
TSB-AR-01	TSB-AR-01-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00014	0.00007	mg/kg	0.08	R4	0.002	0.0009
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00014	0.00007	mg/kg	0.08	R4	0.002	0.0009
TSB-AR-02	TSB-AR-02-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
TSB-AR-04	TSB-AR-04-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
TSB-AR-05	TSB-AR-05-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
TSB-AR-06	TSB-AR-06-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
TSB-AR-07	TSB-AR-07-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00014	0.00007	mg/kg	0.08	R4	0.002	0.0009
TSB-AR-08	TSB-AR-08-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
TSB-AR-10	TSB-AR-10-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00014	0.00007	mg/kg	0.08	R4	0.002	0.0009
TSB-AR-11	TSB-AR-11-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
TSB-AR-12	TSB-AR-12-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
TSB-AR-13	TSB-AR-13-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
TSB-AR-14	TSB-AR-14-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
TSB-AR-3	TSB-AR-3-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
TSB-AR-9	TSB-AR-9-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-BJ-01	TSB-BJ-01-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
TSB-BJ-02	TSB-BJ-02-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
TSB-BJ-06	TSB-BJ-06-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00014	0.00007	mg/kg	0.08	R4	0.002	0.0009
TSB-BR-02	TSB-BR-02-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
TSB-BR-03	TSB-BR-03-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00014	0.00007	mg/kg	0.08	R4	0.002	0.0009
TSB-BR-04	TSB-BR-04-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
TSB-BR-05	TSB-BR-05-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
TSB-BR-06	TSB-BR-06-0	VOCs	Dichlorobenzene, 1,3-	541-73-1	0.00013	0.000065	mg/kg	0.08	R4	0.002	0.0008
PC-70_06	PC-70_06/23/1999	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.035	0.0175	mg/kg	0.89	R4	0.04	0.02
SA24-0.5	SA24-0.5	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.0058	0.0029	mg/kg	0.89	R4	0.007	0.003
SA25-0.5	SA25-0.5	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.0056	0.0028	mg/kg	0.89	R4	0.006	0.003
SA26-0.5	SA26-0.5	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.0054	0.0027	mg/kg	0.89	R4	0.006	0.003
SA27-0.5	SA27-0.5	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.0052	0.0026	mg/kg	0.89	R4	0.006	0.003
TSB-AJ-01	TSB-AJ-01-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-AJ-02	TSB-AJ-02-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-AJ-03	TSB-AJ-03-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-AR-01	TSB-AR-01-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-AR-02	TSB-AR-02-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-AR-04	TSB-AR-04-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-AR-05	TSB-AR-05-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-AR-06	TSB-AR-06-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-AR-07	TSB-AR-07-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-AR-08	TSB-AR-08-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-AR-10	TSB-AR-10-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-AR-11	TSB-AR-11-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-AR-12	TSB-AR-12-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-AR-13	TSB-AR-13-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-AR-14	TSB-AR-14-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-AR-3	TSB-AR-3-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-AR-9	TSB-AR-9-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-BJ-01	TSB-BJ-01-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-BJ-02	TSB-BJ-02-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-BJ-06	TSB-BJ-06-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-BR-02	TSB-BR-02-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-BR-03	TSB-BR-03-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006

TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
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Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-BR-04	TSB-BR-04-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-BR-05	TSB-BR-05-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
TSB-BR-06	TSB-BR-06-0	VOCs	Dichlorobenzene, 1,4-	106-46-7	0.00011	0.000055	mg/kg	0.89	R4	0.0001	0.00006
PC-70_06	PC-70_06/23/1999	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.07	0.035	mg/kg	0.03	R4	2	1
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.034	0.017	mg/kg	0.03	R4	1	0.6
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.034	0.017	mg/kg	0.03	R4	1	0.6
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.034	0.017	mg/kg	0.03	R4	1	0.6
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.034	0.017	mg/kg	0.03	R4	1	0.6
TSB-AR-01	TSB-AR-01-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.035	0.0175	mg/kg	0.03	R4	1	0.6
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.036	0.018	mg/kg	0.03	R4	1	0.6
TSB-AR-02	TSB-AR-02-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.034	0.017	mg/kg	0.03	R4	1	0.6
TSB-AR-04	TSB-AR-04-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.034	0.017	mg/kg	0.03	R4	1	0.6
TSB-AR-05	TSB-AR-05-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.034	0.017	mg/kg	0.03	R4	1	0.6
TSB-AR-06	TSB-AR-06-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.034	0.017	mg/kg	0.03	R4	1	0.6
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.035	0.0175	mg/kg	0.03	R4	1	0.6
TSB-AR-07	TSB-AR-07-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.035	0.0175	mg/kg	0.03	R4	1	0.6
TSB-AR-08	TSB-AR-08-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.034	0.017	mg/kg	0.03	R4	1	0.6
TSB-AR-10	TSB-AR-10-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.035	0.0175	mg/kg	0.03	R4	1	0.6
TSB-AR-11	TSB-AR-11-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.035	0.0175	mg/kg	0.03	R4	1	0.6
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.034	0.017	mg/kg	0.03	R4	1	0.6
TSB-AR-12	TSB-AR-12-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.034	0.017	mg/kg	0.03	R4	1	0.6
TSB-AR-13	TSB-AR-13-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.034	0.017	mg/kg	0.03	R4	1	0.6
TSB-AR-14	TSB-AR-14-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.035	0.0175	mg/kg	0.03	R4	1	0.6
TSB-AR-3	TSB-AR-3-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.034	0.017	mg/kg	0.03	R4	1	0.6
TSB-AR-9	TSB-AR-9-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.034	0.017	mg/kg	0.03	R4	1	0.6
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.034	0.017	mg/kg	0.03	R4	1	0.6
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.034	0.017	mg/kg	0.03	R4	1	0.6
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.035	0.0175	mg/kg	0.03	R4	1	0.6
TSB-BR-02	TSB-BR-02-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.034	0.017	mg/kg	0.03	R4	1	0.6
TSB-BR-03	TSB-BR-03-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.035	0.0175	mg/kg	0.03	R4	1	0.6
TSB-BR-04	TSB-BR-04-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.035	0.0175	mg/kg	0.03	R4	1	0.6
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.034	0.017	mg/kg	0.03	R4	1	0.6
TSB-BR-05	TSB-BR-05-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.034	0.017	mg/kg	0.03	R4	1	0.6
TSB-BR-06	TSB-BR-06-0	SVOCs	Dichlorobenzidine, 3,3'-	91-94-1	0.034	0.017	mg/kg	0.03	R4	1	0.6
SA24-0.5	SA24-0.5	VOCs	Dichloroethane, 1,1-	75-34-3	0.0058	0.0029	mg/kg	0.14	R4	0.04	0.02
SA25-0.5	SA25-0.5	VOCs	Dichloroethane, 1,1-	75-34-3	0.0056	0.0028	mg/kg	0.14	R4	0.04	0.02
SA26-0.5	SA26-0.5	VOCs	Dichloroethane, 1,1-	75-34-3	0.0054	0.0027	mg/kg	0.14	R4	0.04	0.02
SA27-0.5	SA27-0.5	VOCs	Dichloroethane, 1,1-	75-34-3	0.0052	0.0026	mg/kg	0.14	R4	0.04	0.02
PC-70_06	PC-70_06/23/1999	VOCs	Dichloroethane, 1,1-	75-34-3	0.001	0.0005	mg/kg	0.14	R4	0.007	0.004

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AJ-01	TSB-AJ-01-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.00097	0.000485	mg/kg	0.14	R4	0.007	0.003
TSB-AJ-02	TSB-AJ-02-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.00097	0.000485	mg/kg	0.14	R4	0.007	0.003
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Dichloroethane, 1,1-	75-34-3	0.00097	0.000485	mg/kg	0.14	R4	0.007	0.003
TSB-AJ-03	TSB-AJ-03-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.00097	0.000485	mg/kg	0.14	R4	0.007	0.003
TSB-AR-01	TSB-AR-01-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.00099	0.000495	mg/kg	0.14	R4	0.007	0.004
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Dichloroethane, 1,1-	75-34-3	0.001	0.0005	mg/kg	0.14	R4	0.007	0.004
TSB-AR-02	TSB-AR-02-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.00097	0.000485	mg/kg	0.14	R4	0.007	0.003
TSB-AR-04	TSB-AR-04-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.00098	0.00049	mg/kg	0.14	R4	0.007	0.004
TSB-AR-05	TSB-AR-05-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.00097	0.000485	mg/kg	0.14	R4	0.007	0.003
TSB-AR-06	TSB-AR-06-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.00098	0.00049	mg/kg	0.14	R4	0.007	0.004
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Dichloroethane, 1,1-	75-34-3	0.00098	0.00049	mg/kg	0.14	R4	0.007	0.004
TSB-AR-07	TSB-AR-07-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.001	0.0005	mg/kg	0.14	R4	0.007	0.004
TSB-AR-08	TSB-AR-08-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.00098	0.00049	mg/kg	0.14	R4	0.007	0.004
TSB-AR-10	TSB-AR-10-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.00099	0.000495	mg/kg	0.14	R4	0.007	0.004
TSB-AR-11	TSB-AR-11-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.00099	0.000495	mg/kg	0.14	R4	0.007	0.004
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Dichloroethane, 1,1-	75-34-3	0.00098	0.00049	mg/kg	0.14	R4	0.007	0.004
TSB-AR-12	TSB-AR-12-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.00097	0.000485	mg/kg	0.14	R4	0.007	0.003
TSB-AR-13	TSB-AR-13-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.00097	0.000485	mg/kg	0.14	R4	0.007	0.003
TSB-AR-14	TSB-AR-14-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.00098	0.00049	mg/kg	0.14	R4	0.007	0.004
TSB-AR-3	TSB-AR-3-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.00096	0.00048	mg/kg	0.14	R4	0.007	0.003
TSB-AR-9	TSB-AR-9-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.00097	0.000485	mg/kg	0.14	R4	0.007	0.003
TSB-BJ-01	TSB-BJ-01-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.00097	0.000485	mg/kg	0.14	R4	0.007	0.003
TSB-BJ-02	TSB-BJ-02-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.00097	0.000485	mg/kg	0.14	R4	0.007	0.003
TSB-BJ-06	TSB-BJ-06-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.001	0.0005	mg/kg	0.14	R4	0.007	0.004
TSB-BR-02	TSB-BR-02-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.00097	0.000485	mg/kg	0.14	R4	0.007	0.003
TSB-BR-03	TSB-BR-03-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.001	0.0005	mg/kg	0.14	R4	0.007	0.004
TSB-BR-04	TSB-BR-04-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.00099	0.000495	mg/kg	0.14	R4	0.007	0.004
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Dichloroethane, 1,1-	75-34-3	0.00098	0.00049	mg/kg	0.14	R4	0.007	0.004
TSB-BR-05	TSB-BR-05-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.00097	0.000485	mg/kg	0.14	R4	0.007	0.003
TSB-BR-06	TSB-BR-06-0	VOCs	Dichloroethane, 1,1-	75-34-3	0.00097	0.000485	mg/kg	0.14	R4	0.007	0.003
SA24-0.5	SA24-0.5	VOCs	Dichloroethane, 1,2-	107-06-2	0.0058	0.0029	mg/kg	0.4	R4	0.01	0.007
SA25-0.5	SA25-0.5	VOCs	Dichloroethane, 1,2-	107-06-2	0.0056	0.0028	mg/kg	0.4	R4	0.01	0.007
SA26-0.5	SA26-0.5	VOCs	Dichloroethane, 1,2-	107-06-2	0.0054	0.0027	mg/kg	0.4	R4	0.01	0.007
SA27-0.5	SA27-0.5	VOCs	Dichloroethane, 1,2-	107-06-2	0.0052	0.0026	mg/kg	0.4	R4	0.01	0.007
PC-70_06	PC-70_06/23/1999	VOCs	Dichloroethane, 1,2-	107-06-2	0.002	0.001	mg/kg	0.4	R4	0.005	0.003
TSB-AJ-01	TSB-AJ-01-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00044	0.00022	mg/kg	0.4	R4	0.001	0.0006
TSB-AJ-02	TSB-AJ-02-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00044	0.00022	mg/kg	0.4	R4	0.001	0.0006
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Dichloroethane, 1,2-	107-06-2	0.00044	0.00022	mg/kg	0.4	R4	0.001	0.0006
TSB-AJ-03	TSB-AJ-03-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00045	0.000225	mg/kg	0.4	R4	0.001	0.0006
TSB-AR-01	TSB-AR-01-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00046	0.00023	mg/kg	0.4	R4	0.001	0.0006

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Dichloroethane, 1,2-	107-06-2	0.00047	0.000235	mg/kg	0.4	R4	0.001	0.0006
TSB-AR-02	TSB-AR-02-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00045	0.000225	mg/kg	0.4	R4	0.001	0.0006
TSB-AR-04	TSB-AR-04-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00045	0.000225	mg/kg	0.4	R4	0.001	0.0006
TSB-AR-05	TSB-AR-05-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00045	0.000225	mg/kg	0.4	R4	0.001	0.0006
TSB-AR-06	TSB-AR-06-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00045	0.000225	mg/kg	0.4	R4	0.001	0.0006
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Dichloroethane, 1,2-	107-06-2	0.00045	0.000225	mg/kg	0.4	R4	0.001	0.0006
TSB-AR-07	TSB-AR-07-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00046	0.00023	mg/kg	0.4	R4	0.001	0.0006
TSB-AR-08	TSB-AR-08-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00045	0.000225	mg/kg	0.4	R4	0.001	0.0006
TSB-AR-10	TSB-AR-10-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00046	0.00023	mg/kg	0.4	R4	0.001	0.0006
TSB-AR-11	TSB-AR-11-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00045	0.000225	mg/kg	0.4	R4	0.001	0.0006
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Dichloroethane, 1,2-	107-06-2	0.00045	0.000225	mg/kg	0.4	R4	0.001	0.0006
TSB-AR-12	TSB-AR-12-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00045	0.000225	mg/kg	0.4	R4	0.001	0.0006
TSB-AR-13	TSB-AR-13-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00044	0.00022	mg/kg	0.4	R4	0.001	0.0006
TSB-AR-14	TSB-AR-14-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00045	0.000225	mg/kg	0.4	R4	0.001	0.0006
TSB-AR-3	TSB-AR-3-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00044	0.00022	mg/kg	0.4	R4	0.001	0.0006
TSB-AR-9	TSB-AR-9-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00045	0.000225	mg/kg	0.4	R4	0.001	0.0006
TSB-BJ-01	TSB-BJ-01-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00045	0.000225	mg/kg	0.4	R4	0.001	0.0006
TSB-BJ-02	TSB-BJ-02-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00045	0.000225	mg/kg	0.4	R4	0.001	0.0006
TSB-BJ-06	TSB-BJ-06-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00046	0.00023	mg/kg	0.4	R4	0.001	0.0006
TSB-BR-02	TSB-BR-02-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00045	0.000225	mg/kg	0.4	R4	0.001	0.0006
TSB-BR-03	TSB-BR-03-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00046	0.00023	mg/kg	0.4	R4	0.001	0.0006
TSB-BR-04	TSB-BR-04-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00045	0.000225	mg/kg	0.4	R4	0.001	0.0006
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Dichloroethane, 1,2-	107-06-2	0.00045	0.000225	mg/kg	0.4	R4	0.001	0.0006
TSB-BR-05	TSB-BR-05-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00045	0.000225	mg/kg	0.4	R4	0.001	0.0006
TSB-BR-06	TSB-BR-06-0	VOCs	Dichloroethane, 1,2-	107-06-2	0.00044	0.00022	mg/kg	0.4	R4	0.001	0.0006
SA24-0.5	SA24-0.5	VOCs	Dichloroethene, 1,1-	75-35-4	0.0058	0.0029	mg/kg	0.04	R4	0.1	0.07
SA25-0.5	SA25-0.5	VOCs	Dichloroethene, 1,1-	75-35-4	0.0056	0.0028	mg/kg	0.04	R4	0.1	0.07
SA26-0.5	SA26-0.5	VOCs	Dichloroethene, 1,1-	75-35-4	0.0054	0.0027	mg/kg	0.04	R4	0.1	0.07
SA27-0.5	SA27-0.5	VOCs	Dichloroethene, 1,1-	75-35-4	0.0052	0.0026	mg/kg	0.04	R4	0.1	0.07
PC-70_06	PC-70_06/23/1999	VOCs	Dichloroethene, 1,1-	75-35-4	0.002	0.001	mg/kg	0.04	R4	0.05	0.03
TSB-AJ-01	TSB-AJ-01-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-AJ-02	TSB-AJ-02-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Dichloroethene, 1,1-	75-35-4	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-AJ-03	TSB-AJ-03-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-AR-01	TSB-AR-01-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00057	0.000285	mg/kg	0.04	R4	0.01	0.007
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Dichloroethene, 1,1-	75-35-4	0.00058	0.00029	mg/kg	0.04	R4	0.01	0.007
TSB-AR-02	TSB-AR-02-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-AR-04	TSB-AR-04-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-AR-05	TSB-AR-05-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-AR-06	TSB-AR-06-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00057	0.000285	mg/kg	0.04	R4	0.01	0.007

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Dichloroethene, 1,1-	75-35-4	0.00057	0.000285	mg/kg	0.04	R4	0.01	0.007
TSB-AR-07	TSB-AR-07-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00058	0.00029	mg/kg	0.04	R4	0.01	0.007
TSB-AR-08	TSB-AR-08-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-AR-10	TSB-AR-10-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00057	0.000285	mg/kg	0.04	R4	0.01	0.007
TSB-AR-11	TSB-AR-11-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00057	0.000285	mg/kg	0.04	R4	0.01	0.007
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Dichloroethene, 1,1-	75-35-4	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-AR-12	TSB-AR-12-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-AR-13	TSB-AR-13-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-AR-14	TSB-AR-14-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00057	0.000285	mg/kg	0.04	R4	0.01	0.007
TSB-AR-3	TSB-AR-3-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00055	0.000275	mg/kg	0.04	R4	0.01	0.007
TSB-AR-9	TSB-AR-9-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-BJ-01	TSB-BJ-01-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-BJ-02	TSB-BJ-02-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-BJ-06	TSB-BJ-06-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00058	0.00029	mg/kg	0.04	R4	0.01	0.007
TSB-BR-02	TSB-BR-02-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-BR-03	TSB-BR-03-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00058	0.00029	mg/kg	0.04	R4	0.01	0.007
TSB-BR-04	TSB-BR-04-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00057	0.000285	mg/kg	0.04	R4	0.01	0.007
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Dichloroethene, 1,1-	75-35-4	0.00057	0.000285	mg/kg	0.04	R4	0.01	0.007
TSB-BR-05	TSB-BR-05-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-BR-06	TSB-BR-06-0	VOCs	Dichloroethene, 1,1-	75-35-4	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
SA24-0.5	SA24-0.5	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.0058	0.0029	mg/kg	0.04	R4	0.1	0.07
SA25-0.5	SA25-0.5	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.0056	0.0028	mg/kg	0.04	R4	0.1	0.07
SA26-0.5	SA26-0.5	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.0054	0.0027	mg/kg	0.04	R4	0.1	0.07
SA27-0.5	SA27-0.5	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.0052	0.0026	mg/kg	0.04	R4	0.1	0.07
PC-70_06	PC-70_06/23/1999	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.002	0.001	mg/kg	0.04	R4	0.05	0.03
TSB-AJ-01	TSB-AJ-01-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00043	0.000215	mg/kg	0.04	R4	0.01	0.005
TSB-AJ-02	TSB-AJ-02-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00043	0.000215	mg/kg	0.04	R4	0.01	0.005
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00043	0.000215	mg/kg	0.04	R4	0.01	0.005
TSB-AJ-03	TSB-AJ-03-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00044	0.00022	mg/kg	0.04	R4	0.01	0.006
TSB-AR-01	TSB-AR-01-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00044	0.00022	mg/kg	0.04	R4	0.01	0.006
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00046	0.00023	mg/kg	0.04	R4	0.01	0.006
TSB-AR-02	TSB-AR-02-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00044	0.00022	mg/kg	0.04	R4	0.01	0.006
TSB-AR-04	TSB-AR-04-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00044	0.00022	mg/kg	0.04	R4	0.01	0.006
TSB-AR-05	TSB-AR-05-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00044	0.00022	mg/kg	0.04	R4	0.01	0.006
TSB-AR-06	TSB-AR-06-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00044	0.00022	mg/kg	0.04	R4	0.01	0.006
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00044	0.00022	mg/kg	0.04	R4	0.01	0.006
TSB-AR-07	TSB-AR-07-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00045	0.000225	mg/kg	0.04	R4	0.01	0.006
TSB-AR-08	TSB-AR-08-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00044	0.00022	mg/kg	0.04	R4	0.01	0.006
TSB-AR-10	TSB-AR-10-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00044	0.00022	mg/kg	0.04	R4	0.01	0.006
TSB-AR-11	TSB-AR-11-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00044	0.00022	mg/kg	0.04	R4	0.01	0.006

TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00044	0.00022	mg/kg	0.04	R4	0.01	0.006
TSB-AR-12	TSB-AR-12-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00044	0.00022	mg/kg	0.04	R4	0.01	0.006
TSB-AR-13	TSB-AR-13-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00043	0.000215	mg/kg	0.04	R4	0.01	0.005
TSB-AR-14	TSB-AR-14-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00044	0.00022	mg/kg	0.04	R4	0.01	0.006
TSB-AR-3	TSB-AR-3-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00043	0.000215	mg/kg	0.04	R4	0.01	0.005
TSB-AR-9	TSB-AR-9-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00044	0.00022	mg/kg	0.04	R4	0.01	0.006
TSB-BJ-01	TSB-BJ-01-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00044	0.00022	mg/kg	0.04	R4	0.01	0.006
TSB-BJ-02	TSB-BJ-02-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00044	0.00022	mg/kg	0.04	R4	0.01	0.006
TSB-BJ-06	TSB-BJ-06-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00045	0.000225	mg/kg	0.04	R4	0.01	0.006
TSB-BR-02	TSB-BR-02-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00044	0.00022	mg/kg	0.04	R4	0.01	0.006
TSB-BR-03	TSB-BR-03-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00045	0.000225	mg/kg	0.04	R4	0.01	0.006
TSB-BR-04	TSB-BR-04-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00044	0.00022	mg/kg	0.04	R4	0.01	0.006
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00044	0.00022	mg/kg	0.04	R4	0.01	0.006
TSB-BR-05	TSB-BR-05-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00044	0.00022	mg/kg	0.04	R4	0.01	0.006
TSB-BR-06	TSB-BR-06-0	VOCs	Dichloroethene, cis-1,2-	156-59-2	0.00043	0.000215	mg/kg	0.04	R4	0.01	0.005
SA24-0.5	SA24-0.5	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.0058	0.0029	mg/kg	0.04	R4	0.1	0.07
SA25-0.5	SA25-0.5	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.0056	0.0028	mg/kg	0.04	R4	0.1	0.07
SA26-0.5	SA26-0.5	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.0054	0.0027	mg/kg	0.04	R4	0.1	0.07
SA27-0.5	SA27-0.5	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.0052	0.0026	mg/kg	0.04	R4	0.1	0.07
PC-70_06	PC-70_06/23/1999	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.002	0.001	mg/kg	0.04	R4	0.05	0.03
TSB-AJ-01	TSB-AJ-01-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00022	0.00011	mg/kg	0.04	R4	0.006	0.003
TSB-AJ-02	TSB-AJ-02-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00022	0.00011	mg/kg	0.04	R4	0.006	0.003
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00022	0.00011	mg/kg	0.04	R4	0.006	0.003
TSB-AJ-03	TSB-AJ-03-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00023	0.000115	mg/kg	0.04	R4	0.006	0.003
TSB-AR-01	TSB-AR-01-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00023	0.000115	mg/kg	0.04	R4	0.006	0.003
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00024	0.00012	mg/kg	0.04	R4	0.006	0.003
TSB-AR-02	TSB-AR-02-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00022	0.00011	mg/kg	0.04	R4	0.006	0.003
TSB-AR-04	TSB-AR-04-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00023	0.000115	mg/kg	0.04	R4	0.006	0.003
TSB-AR-05	TSB-AR-05-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00023	0.000115	mg/kg	0.04	R4	0.006	0.003
TSB-AR-06	TSB-AR-06-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00023	0.000115	mg/kg	0.04	R4	0.006	0.003
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00023	0.000115	mg/kg	0.04	R4	0.006	0.003
TSB-AR-07	TSB-AR-07-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00023	0.000115	mg/kg	0.04	R4	0.006	0.003
TSB-AR-08	TSB-AR-08-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00023	0.000115	mg/kg	0.04	R4	0.006	0.003
TSB-AR-10	TSB-AR-10-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00023	0.000115	mg/kg	0.04	R4	0.006	0.003
TSB-AR-11	TSB-AR-11-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00023	0.000115	mg/kg	0.04	R4	0.006	0.003
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00023	0.000115	mg/kg	0.04	R4	0.006	0.003
TSB-AR-12	TSB-AR-12-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00023	0.000115	mg/kg	0.04	R4	0.006	0.003
TSB-AR-13	TSB-AR-13-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00022	0.00011	mg/kg	0.04	R4	0.006	0.003
TSB-AR-14	TSB-AR-14-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00023	0.000115	mg/kg	0.04	R4	0.006	0.003
TSB-AR-3	TSB-AR-3-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00022	0.00011	mg/kg	0.04	R4	0.006	0.003

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-9	TSB-AR-9-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00022	0.00011	mg/kg	0.04	R4	0.006	0.003
TSB-BJ-01	TSB-BJ-01-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00022	0.00011	mg/kg	0.04	R4	0.006	0.003
TSB-BJ-02	TSB-BJ-02-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00023	0.000115	mg/kg	0.04	R4	0.006	0.003
TSB-BJ-06	TSB-BJ-06-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00023	0.000115	mg/kg	0.04	R4	0.006	0.003
TSB-BR-02	TSB-BR-02-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00023	0.000115	mg/kg	0.04	R4	0.006	0.003
TSB-BR-03	TSB-BR-03-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00023	0.000115	mg/kg	0.04	R4	0.006	0.003
TSB-BR-04	TSB-BR-04-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00023	0.000115	mg/kg	0.04	R4	0.006	0.003
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00023	0.000115	mg/kg	0.04	R4	0.006	0.003
TSB-BR-05	TSB-BR-05-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00022	0.00011	mg/kg	0.04	R4	0.006	0.003
TSB-BR-06	TSB-BR-06-0	VOCs	Dichloroethene, trans-1,2-	156-60-5	0.00022	0.00011	mg/kg	0.04	R4	0.006	0.003
TSB-AJ-01	TSB-AJ-01-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00055	0.000275	mg/kg	0.04	R4	0.01	0.007
TSB-AJ-02	TSB-AJ-02-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00055	0.000275	mg/kg	0.04	R4	0.01	0.007
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00055	0.000275	mg/kg	0.04	R4	0.01	0.007
TSB-AJ-03	TSB-AJ-03-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00055	0.000275	mg/kg	0.04	R4	0.01	0.007
TSB-AR-01	TSB-AR-01-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00058	0.00029	mg/kg	0.04	R4	0.01	0.007
TSB-AR-02	TSB-AR-02-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00055	0.000275	mg/kg	0.04	R4	0.01	0.007
TSB-AR-04	TSB-AR-04-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-AR-05	TSB-AR-05-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00055	0.000275	mg/kg	0.04	R4	0.01	0.007
TSB-AR-06	TSB-AR-06-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-AR-07	TSB-AR-07-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00057	0.000285	mg/kg	0.04	R4	0.01	0.007
TSB-AR-08	TSB-AR-08-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-AR-10	TSB-AR-10-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-AR-11	TSB-AR-11-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-AR-12	TSB-AR-12-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00055	0.000275	mg/kg	0.04	R4	0.01	0.007
TSB-AR-13	TSB-AR-13-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00055	0.000275	mg/kg	0.04	R4	0.01	0.007
TSB-AR-14	TSB-AR-14-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-AR-3	TSB-AR-3-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00055	0.000275	mg/kg	0.04	R4	0.01	0.007
TSB-AR-9	TSB-AR-9-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00055	0.000275	mg/kg	0.04	R4	0.01	0.007
TSB-BJ-01	TSB-BJ-01-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00055	0.000275	mg/kg	0.04	R4	0.01	0.007
TSB-BJ-02	TSB-BJ-02-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00055	0.000275	mg/kg	0.04	R4	0.01	0.007
TSB-BJ-06	TSB-BJ-06-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00057	0.000285	mg/kg	0.04	R4	0.01	0.007
TSB-BR-02	TSB-BR-02-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-BR-03	TSB-BR-03-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00057	0.000285	mg/kg	0.04	R4	0.01	0.007
TSB-BR-04	TSB-BR-04-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00056	0.00028	mg/kg	0.04	R4	0.01	0.007
TSB-BR-05	TSB-BR-05-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00055	0.000275	mg/kg	0.04	R4	0.01	0.007
TSB-BR-06	TSB-BR-06-0	VOCs	Dichloroethylene, 1,2-	540-59-0	0.00055	0.000275	mg/kg	0.04	R4	0.01	0.007

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
PC-70_06	PC-70_06/23/1999	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.07	0.035	mg/kg	0.05	R4	1	0.7
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.034	0.017	mg/kg	0.05	R4	0.7	0.3
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.034	0.017	mg/kg	0.05	R4	0.7	0.3
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.034	0.017	mg/kg	0.05	R4	0.7	0.3
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.034	0.017	mg/kg	0.05	R4	0.7	0.3
TSB-AR-01	TSB-AR-01-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.035	0.0175	mg/kg	0.05	R4	0.7	0.4
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.036	0.018	mg/kg	0.05	R4	0.7	0.4
TSB-AR-02	TSB-AR-02-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.034	0.017	mg/kg	0.05	R4	0.7	0.3
TSB-AR-04	TSB-AR-04-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.034	0.017	mg/kg	0.05	R4	0.7	0.3
TSB-AR-05	TSB-AR-05-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.034	0.017	mg/kg	0.05	R4	0.7	0.3
TSB-AR-06	TSB-AR-06-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.034	0.017	mg/kg	0.05	R4	0.7	0.3
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.035	0.0175	mg/kg	0.05	R4	0.7	0.4
TSB-AR-07	TSB-AR-07-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.035	0.0175	mg/kg	0.05	R4	0.7	0.4
TSB-AR-08	TSB-AR-08-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.034	0.017	mg/kg	0.05	R4	0.7	0.3
TSB-AR-10	TSB-AR-10-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.035	0.0175	mg/kg	0.05	R4	0.7	0.4
TSB-AR-11	TSB-AR-11-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.035	0.0175	mg/kg	0.05	R4	0.7	0.4
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.034	0.017	mg/kg	0.05	R4	0.7	0.3
TSB-AR-12	TSB-AR-12-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.034	0.017	mg/kg	0.05	R4	0.7	0.3
TSB-AR-13	TSB-AR-13-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.034	0.017	mg/kg	0.05	R4	0.7	0.3
TSB-AR-14	TSB-AR-14-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.035	0.0175	mg/kg	0.05	R4	0.7	0.4
TSB-AR-3	TSB-AR-3-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.034	0.017	mg/kg	0.05	R4	0.7	0.3
TSB-AR-9	TSB-AR-9-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.034	0.017	mg/kg	0.05	R4	0.7	0.3
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.034	0.017	mg/kg	0.05	R4	0.7	0.3
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.034	0.017	mg/kg	0.05	R4	0.7	0.3
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.035	0.0175	mg/kg	0.05	R4	0.7	0.4
TSB-BR-02	TSB-BR-02-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.034	0.017	mg/kg	0.05	R4	0.7	0.3
TSB-BR-03	TSB-BR-03-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.035	0.0175	mg/kg	0.05	R4	0.7	0.4
TSB-BR-04	TSB-BR-04-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.035	0.0175	mg/kg	0.05	R4	0.7	0.4
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.034	0.017	mg/kg	0.05	R4	0.7	0.3
TSB-BR-05	TSB-BR-05-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.034	0.017	mg/kg	0.05	R4	0.7	0.3
TSB-BR-06	TSB-BR-06-0	SVOCs	Dichlorophenol, 2,4-	120-83-2	0.034	0.017	mg/kg	0.05	R4	0.7	0.3
SA24-0.5	SA24-0.5	VOCs	Dichloropropane, 1,2-	78-87-5	0.0058	0.0029	mg/kg	0.28	R4	0.02	0.01
SA25-0.5	SA25-0.5	VOCs	Dichloropropane, 1,2-	78-87-5	0.0056	0.0028	mg/kg	0.28	R4	0.02	0.01
SA26-0.5	SA26-0.5	VOCs	Dichloropropane, 1,2-	78-87-5	0.0054	0.0027	mg/kg	0.28	R4	0.02	0.01
SA27-0.5	SA27-0.5	VOCs	Dichloropropane, 1,2-	78-87-5	0.0052	0.0026	mg/kg	0.28	R4	0.02	0.009
PC-70_06	PC-70_06/23/1999	VOCs	Dichloropropane, 1,2-	78-87-5	0.003	0.0015	mg/kg	0.28	R4	0.01	0.005
TSB-AJ-01	TSB-AJ-01-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00038	0.00019	mg/kg	0.28	R4	0.001	0.0007
TSB-AJ-02	TSB-AJ-02-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00038	0.00019	mg/kg	0.28	R4	0.001	0.0007
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Dichloropropane, 1,2-	78-87-5	0.00038	0.00019	mg/kg	0.28	R4	0.001	0.0007
TSB-AJ-03	TSB-AJ-03-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00038	0.00019	mg/kg	0.28	R4	0.001	0.0007

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-01	TSB-AR-01-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00039	0.000195	mg/kg	0.28	R4	0.001	0.0007
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Dichloropropane, 1,2-	78-87-5	0.0004	0.0002	mg/kg	0.28	R4	0.001	0.0007
TSB-AR-02	TSB-AR-02-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00038	0.00019	mg/kg	0.28	R4	0.001	0.0007
TSB-AR-04	TSB-AR-04-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00038	0.00019	mg/kg	0.28	R4	0.001	0.0007
TSB-AR-05	TSB-AR-05-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00038	0.00019	mg/kg	0.28	R4	0.001	0.0007
TSB-AR-06	TSB-AR-06-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00039	0.000195	mg/kg	0.28	R4	0.001	0.0007
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Dichloropropane, 1,2-	78-87-5	0.00039	0.000195	mg/kg	0.28	R4	0.001	0.0007
TSB-AR-07	TSB-AR-07-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00039	0.000195	mg/kg	0.28	R4	0.001	0.0007
TSB-AR-08	TSB-AR-08-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00038	0.00019	mg/kg	0.28	R4	0.001	0.0007
TSB-AR-10	TSB-AR-10-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00039	0.000195	mg/kg	0.28	R4	0.001	0.0007
TSB-AR-11	TSB-AR-11-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00039	0.000195	mg/kg	0.28	R4	0.001	0.0007
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Dichloropropane, 1,2-	78-87-5	0.00038	0.00019	mg/kg	0.28	R4	0.001	0.0007
TSB-AR-12	TSB-AR-12-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00038	0.00019	mg/kg	0.28	R4	0.001	0.0007
TSB-AR-13	TSB-AR-13-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00038	0.00019	mg/kg	0.28	R4	0.001	0.0007
TSB-AR-14	TSB-AR-14-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00038	0.00019	mg/kg	0.28	R4	0.001	0.0007
TSB-AR-3	TSB-AR-3-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00038	0.00019	mg/kg	0.28	R4	0.001	0.0007
TSB-AR-9	TSB-AR-9-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00038	0.00019	mg/kg	0.28	R4	0.001	0.0007
TSB-BJ-01	TSB-BJ-01-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00038	0.00019	mg/kg	0.28	R4	0.001	0.0007
TSB-BJ-02	TSB-BJ-02-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00038	0.00019	mg/kg	0.28	R4	0.001	0.0007
TSB-BJ-06	TSB-BJ-06-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00039	0.000195	mg/kg	0.28	R4	0.001	0.0007
TSB-BR-02	TSB-BR-02-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00038	0.00019	mg/kg	0.28	R4	0.001	0.0007
TSB-BR-03	TSB-BR-03-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00039	0.000195	mg/kg	0.28	R4	0.001	0.0007
TSB-BR-04	TSB-BR-04-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00039	0.000195	mg/kg	0.28	R4	0.001	0.0007
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Dichloropropane, 1,2-	78-87-5	0.00038	0.00019	mg/kg	0.28	R4	0.001	0.0007
TSB-BR-05	TSB-BR-05-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00038	0.00019	mg/kg	0.28	R4	0.001	0.0007
TSB-BR-06	TSB-BR-06-0	VOCs	Dichloropropane, 1,2-	78-87-5	0.00038	0.00019	mg/kg	0.28	R4	0.001	0.0007
SA24-0.5	SA24-0.5	OCPs	Dieldrin	60-57-1	0.002	0.001	mg/kg	0.0049	Eco-SSL Mammal	0.4	0.2
SA25-0.5	SA25-0.5	OCPs	Dieldrin	60-57-1	0.0019	0.00095	mg/kg	0.0049	Eco-SSL Mammal	0.4	0.2
SA26-0.5	SA26-0.5	OCPs	Dieldrin	60-57-1	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammal	0.4	0.2
SA27-0.5	SA27-0.5	OCPs	Dieldrin	60-57-1	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammal	0.4	0.2
PC-70_06	PC-70_06/23/1999	OCPs	Dieldrin	60-57-1	0.00041	0.000205	mg/kg	0.0049	Eco-SSL Mammal	0.08	0.04
TSB-AJ-01	TSB-AJ-01-0	OCPs	Dieldrin	60-57-1	0.000074	0.000037	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-AJ-02	TSB-AJ-02-0	OCPs	Dieldrin	60-57-1	0.000074	0.000037	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-AJ-02	TSB-AJ-02-0(FD)	OCPs	Dieldrin	60-57-1	0.000074	0.000037	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-AJ-03	TSB-AJ-03-0	OCPs	Dieldrin	60-57-1	0.000074	0.000037	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-AR-01	TSB-AR-01-0	OCPs	Dieldrin	60-57-1	0.000076	0.000038	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-AR-01	TSB-AR-01-0(FD)	OCPs	Dieldrin	60-57-1	0.000078	0.000039	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-AR-02	TSB-AR-02-0	OCPs	Dieldrin	60-57-1	0.000075	0.0000375	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-AR-04	TSB-AR-04-0	OCPs	Dieldrin	60-57-1	0.000075	0.0000375	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-AR-05	TSB-AR-05-0	OCPs	Dieldrin	60-57-1	0.000075	0.0000375	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-06	TSB-AR-06-0	OCPs	Dieldrin	60-57-1	0.000075	0.0000375	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-AR-06	TSB-AR-06-0(FD)	OCPs	Dieldrin	60-57-1	0.000076	0.000038	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-AR-07	TSB-AR-07-0	OCPs	Dieldrin	60-57-1	0.000077	0.0000385	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-AR-08	TSB-AR-08-0	OCPs	Dieldrin	60-57-1	0.000074	0.000037	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-AR-10	TSB-AR-10-0	OCPs	Dieldrin	60-57-1	0.000075	0.0000375	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-AR-11	TSB-AR-11-0	OCPs	Dieldrin	60-57-1	0.000075	0.0000375	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-AR-11	TSB-AR-11-0(FD)	OCPs	Dieldrin	60-57-1	0.000075	0.0000375	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-AR-12	TSB-AR-12-0	OCPs	Dieldrin	60-57-1	0.000075	0.0000375	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-AR-13	TSB-AR-13-0	OCPs	Dieldrin	60-57-1	0.000074	0.000037	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-AR-14	TSB-AR-14-0	OCPs	Dieldrin	60-57-1	0.000076	0.000038	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-AR-3	TSB-AR-3-0	OCPs	Dieldrin	60-57-1	0.000074	0.000037	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-AR-9	TSB-AR-9-0	OCPs	Dieldrin	60-57-1	0.000075	0.0000375	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-BJ-01	TSB-BJ-01-0	OCPs	Dieldrin	60-57-1	0.000074	0.000037	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-BJ-02	TSB-BJ-02-0	OCPs	Dieldrin	60-57-1	0.000074	0.000037	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-BJ-06	TSB-BJ-06-0	OCPs	Dieldrin	60-57-1	0.000077	0.0000385	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-BR-02	TSB-BR-02-0	OCPs	Dieldrin	60-57-1	0.000074	0.000037	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-BR-03	TSB-BR-03-0	OCPs	Dieldrin	60-57-1	0.000077	0.0000385	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-BR-04	TSB-BR-04-0	OCPs	Dieldrin	60-57-1	0.000075	0.0000375	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-BR-04	TSB-BR-04-0(FD)	OCPs	Dieldrin	60-57-1	0.000075	0.0000375	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-BR-05	TSB-BR-05-0	OCPs	Dieldrin	60-57-1	0.000074	0.000037	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
TSB-BR-06	TSB-BR-06-0	OCPs	Dieldrin	60-57-1	0.000074	0.000037	mg/kg	0.0049	Eco-SSL Mammal	0.02	0.008
SA24-0.5	SA24-0.5	SVOCs	Diethylphthalate	84-66-2	0.38	0.19	mg/kg	0.25	R4	2	0.8
SA25-0.5	SA25-0.5	SVOCs	Diethylphthalate	84-66-2	0.37	0.185	mg/kg	0.25	R4	1	0.7
SA26-0.5	SA26-0.5	SVOCs	Diethylphthalate	84-66-2	0.36	0.18	mg/kg	0.25	R4	1	0.7
SA27-0.5	SA27-0.5	SVOCs	Diethylphthalate	84-66-2	0.35	0.175	mg/kg	0.25	R4	1	0.7
PC-70_06	PC-70_06/23/1999	SVOCs	Diethylphthalate	84-66-2	0.07	0.035	mg/kg	0.25	R4	0.3	0.1
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Diethylphthalate	84-66-2	0.034	0.017	mg/kg	0.25	R4	0.1	0.07
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Diethylphthalate	84-66-2	0.034	0.017	mg/kg	0.25	R4	0.1	0.07
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Diethylphthalate	84-66-2	0.034	0.017	mg/kg	0.25	R4	0.1	0.07
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Diethylphthalate	84-66-2	0.034	0.017	mg/kg	0.25	R4	0.1	0.07
TSB-AR-01	TSB-AR-01-0	SVOCs	Diethylphthalate	84-66-2	0.035	0.0175	mg/kg	0.25	R4	0.1	0.07
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Diethylphthalate	84-66-2	0.036	0.018	mg/kg	0.25	R4	0.1	0.07
TSB-AR-02	TSB-AR-02-0	SVOCs	Diethylphthalate	84-66-2	0.034	0.017	mg/kg	0.25	R4	0.1	0.07
TSB-AR-04	TSB-AR-04-0	SVOCs	Diethylphthalate	84-66-2	0.034	0.017	mg/kg	0.25	R4	0.1	0.07
TSB-AR-05	TSB-AR-05-0	SVOCs	Diethylphthalate	84-66-2	0.034	0.017	mg/kg	0.25	R4	0.1	0.07
TSB-AR-06	TSB-AR-06-0	SVOCs	Diethylphthalate	84-66-2	0.034	0.017	mg/kg	0.25	R4	0.1	0.07
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Diethylphthalate	84-66-2	0.035	0.0175	mg/kg	0.25	R4	0.1	0.07
TSB-AR-07	TSB-AR-07-0	SVOCs	Diethylphthalate	84-66-2	0.035	0.0175	mg/kg	0.25	R4	0.1	0.07
TSB-AR-08	TSB-AR-08-0	SVOCs	Diethylphthalate	84-66-2	0.034	0.017	mg/kg	0.25	R4	0.1	0.07
TSB-AR-10	TSB-AR-10-0	SVOCs	Diethylphthalate	84-66-2	0.035	0.0175	mg/kg	0.25	R4	0.1	0.07

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-11	TSB-AR-11-0	SVOCs	Diethylphthalate	84-66-2	0.035	0.0175	mg/kg	0.25	R4	0.1	0.07
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Diethylphthalate	84-66-2	0.034	0.017	mg/kg	0.25	R4	0.1	0.07
TSB-AR-12	TSB-AR-12-0	SVOCs	Diethylphthalate	84-66-2	0.034	0.017	mg/kg	0.25	R4	0.1	0.07
TSB-AR-13	TSB-AR-13-0	SVOCs	Diethylphthalate	84-66-2	0.034	0.017	mg/kg	0.25	R4	0.1	0.07
TSB-AR-14	TSB-AR-14-0	SVOCs	Diethylphthalate	84-66-2	0.035	0.0175	mg/kg	0.25	R4	0.1	0.07
TSB-AR-3	TSB-AR-3-0	SVOCs	Diethylphthalate	84-66-2	0.034	0.017	mg/kg	0.25	R4	0.1	0.07
TSB-AR-9	TSB-AR-9-0	SVOCs	Diethylphthalate	84-66-2	0.034	0.017	mg/kg	0.25	R4	0.1	0.07
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Diethylphthalate	84-66-2	0.034	0.017	mg/kg	0.25	R4	0.1	0.07
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Diethylphthalate	84-66-2	0.034	0.017	mg/kg	0.25	R4	0.1	0.07
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Diethylphthalate	84-66-2	0.035	0.0175	mg/kg	0.25	R4	0.1	0.07
TSB-BR-02	TSB-BR-02-0	SVOCs	Diethylphthalate	84-66-2	0.034	0.017	mg/kg	0.25	R4	0.1	0.07
TSB-BR-03	TSB-BR-03-0	SVOCs	Diethylphthalate	84-66-2	0.035	0.0175	mg/kg	0.25	R4	0.1	0.07
TSB-BR-04	TSB-BR-04-0	SVOCs	Diethylphthalate	84-66-2	0.035	0.0175	mg/kg	0.25	R4	0.1	0.07
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Diethylphthalate	84-66-2	0.034	0.017	mg/kg	0.25	R4	0.1	0.07
TSB-BR-05	TSB-BR-05-0	SVOCs	Diethylphthalate	84-66-2	0.034	0.017	mg/kg	0.25	R4	0.1	0.07
TSB-BR-06	TSB-BR-06-0	SVOCs	Diethylphthalate	84-66-2	0.034	0.017	mg/kg	0.25	R4	0.1	0.07
PC-70_06	PC-70_06/23/1999	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.07	0.035	mg/kg	0.04	R4	2	0.9
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.034	0.017	mg/kg	0.04	R4	0.9	0.4
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.034	0.017	mg/kg	0.04	R4	0.9	0.4
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.034	0.017	mg/kg	0.04	R4	0.9	0.4
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.034	0.017	mg/kg	0.04	R4	0.9	0.4
TSB-AR-01	TSB-AR-01-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.035	0.0175	mg/kg	0.04	R4	0.9	0.4
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.036	0.018	mg/kg	0.04	R4	0.9	0.5
TSB-AR-02	TSB-AR-02-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.034	0.017	mg/kg	0.04	R4	0.9	0.4
TSB-AR-04	TSB-AR-04-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.034	0.017	mg/kg	0.04	R4	0.9	0.4
TSB-AR-05	TSB-AR-05-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.034	0.017	mg/kg	0.04	R4	0.9	0.4
TSB-AR-06	TSB-AR-06-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.034	0.017	mg/kg	0.04	R4	0.9	0.4
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.035	0.0175	mg/kg	0.04	R4	0.9	0.4
TSB-AR-07	TSB-AR-07-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.035	0.0175	mg/kg	0.04	R4	0.9	0.4
TSB-AR-08	TSB-AR-08-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.034	0.017	mg/kg	0.04	R4	0.9	0.4
TSB-AR-10	TSB-AR-10-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.035	0.0175	mg/kg	0.04	R4	0.9	0.4
TSB-AR-11	TSB-AR-11-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.035	0.0175	mg/kg	0.04	R4	0.9	0.4
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.034	0.017	mg/kg	0.04	R4	0.9	0.4
TSB-AR-12	TSB-AR-12-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.034	0.017	mg/kg	0.04	R4	0.9	0.4
TSB-AR-13	TSB-AR-13-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.034	0.017	mg/kg	0.04	R4	0.9	0.4
TSB-AR-14	TSB-AR-14-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.035	0.0175	mg/kg	0.04	R4	0.9	0.4
TSB-AR-3	TSB-AR-3-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.034	0.017	mg/kg	0.04	R4	0.9	0.4
TSB-AR-9	TSB-AR-9-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.034	0.017	mg/kg	0.04	R4	0.9	0.4
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.034	0.017	mg/kg	0.04	R4	0.9	0.4
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.034	0.017	mg/kg	0.04	R4	0.9	0.4

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.035	0.0175	mg/kg	0.04	R4	0.9	0.4
TSB-BR-02	TSB-BR-02-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.034	0.017	mg/kg	0.04	R4	0.9	0.4
TSB-BR-03	TSB-BR-03-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.035	0.0175	mg/kg	0.04	R4	0.9	0.4
TSB-BR-04	TSB-BR-04-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.035	0.0175	mg/kg	0.04	R4	0.9	0.4
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.034	0.017	mg/kg	0.04	R4	0.9	0.4
TSB-BR-05	TSB-BR-05-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.034	0.017	mg/kg	0.04	R4	0.9	0.4
TSB-BR-06	TSB-BR-06-0	SVOCs	Dimethylphenol, 2,4-	105-67-9	0.034	0.017	mg/kg	0.04	R4	0.9	0.4
SA24-0.5	SA24-0.5	SVOCs	Dimethylphthalate	131-11-3	0.38	0.19	mg/kg	10	R4	0.04	0.02
SA25-0.5	SA25-0.5	SVOCs	Dimethylphthalate	131-11-3	0.37	0.185	mg/kg	10	R4	0.04	0.02
SA26-0.5	SA26-0.5	SVOCs	Dimethylphthalate	131-11-3	0.36	0.18	mg/kg	10	R4	0.04	0.02
SA27-0.5	SA27-0.5	SVOCs	Dimethylphthalate	131-11-3	0.35	0.175	mg/kg	10	R4	0.04	0.02
PC-70_06	PC-70_06/23/1999	SVOCs	Dimethylphthalate	131-11-3	0.07	0.035	mg/kg	10	R4	0.007	0.004
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Dimethylphthalate	131-11-3	0.034	0.017	mg/kg	10	R4	0.003	0.002
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Dimethylphthalate	131-11-3	0.034	0.017	mg/kg	10	R4	0.003	0.002
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Dimethylphthalate	131-11-3	0.034	0.017	mg/kg	10	R4	0.003	0.002
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Dimethylphthalate	131-11-3	0.034	0.017	mg/kg	10	R4	0.003	0.002
TSB-AR-01	TSB-AR-01-0	SVOCs	Dimethylphthalate	131-11-3	0.035	0.0175	mg/kg	10	R4	0.004	0.002
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Dimethylphthalate	131-11-3	0.036	0.018	mg/kg	10	R4	0.004	0.002
TSB-AR-02	TSB-AR-02-0	SVOCs	Dimethylphthalate	131-11-3	0.034	0.017	mg/kg	10	R4	0.003	0.002
TSB-AR-04	TSB-AR-04-0	SVOCs	Dimethylphthalate	131-11-3	0.034	0.017	mg/kg	10	R4	0.003	0.002
TSB-AR-05	TSB-AR-05-0	SVOCs	Dimethylphthalate	131-11-3	0.034	0.017	mg/kg	10	R4	0.003	0.002
TSB-AR-06	TSB-AR-06-0	SVOCs	Dimethylphthalate	131-11-3	0.034	0.017	mg/kg	10	R4	0.003	0.002
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Dimethylphthalate	131-11-3	0.035	0.0175	mg/kg	10	R4	0.004	0.002
TSB-AR-07	TSB-AR-07-0	SVOCs	Dimethylphthalate	131-11-3	0.035	0.0175	mg/kg	10	R4	0.004	0.002
TSB-AR-08	TSB-AR-08-0	SVOCs	Dimethylphthalate	131-11-3	0.034	0.017	mg/kg	10	R4	0.003	0.002
TSB-AR-10	TSB-AR-10-0	SVOCs	Dimethylphthalate	131-11-3	0.035	0.0175	mg/kg	10	R4	0.004	0.002
TSB-AR-11	TSB-AR-11-0	SVOCs	Dimethylphthalate	131-11-3	0.035	0.0175	mg/kg	10	R4	0.004	0.002
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Dimethylphthalate	131-11-3	0.034	0.017	mg/kg	10	R4	0.003	0.002
TSB-AR-12	TSB-AR-12-0	SVOCs	Dimethylphthalate	131-11-3	0.034	0.017	mg/kg	10	R4	0.003	0.002
TSB-AR-13	TSB-AR-13-0	SVOCs	Dimethylphthalate	131-11-3	0.034	0.017	mg/kg	10	R4	0.003	0.002
TSB-AR-14	TSB-AR-14-0	SVOCs	Dimethylphthalate	131-11-3	0.035	0.0175	mg/kg	10	R4	0.004	0.002
TSB-AR-3	TSB-AR-3-0	SVOCs	Dimethylphthalate	131-11-3	0.034	0.017	mg/kg	10	R4	0.003	0.002
TSB-AR-9	TSB-AR-9-0	SVOCs	Dimethylphthalate	131-11-3	0.034	0.017	mg/kg	10	R4	0.003	0.002
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Dimethylphthalate	131-11-3	0.034	0.017	mg/kg	10	R4	0.003	0.002
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Dimethylphthalate	131-11-3	0.034	0.017	mg/kg	10	R4	0.003	0.002
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Dimethylphthalate	131-11-3	0.035	0.0175	mg/kg	10	R4	0.004	0.002
TSB-BR-02	TSB-BR-02-0	SVOCs	Dimethylphthalate	131-11-3	0.034	0.017	mg/kg	10	R4	0.003	0.002
TSB-BR-03	TSB-BR-03-0	SVOCs	Dimethylphthalate	131-11-3	0.035	0.0175	mg/kg	10	R4	0.004	0.002
TSB-BR-04	TSB-BR-04-0	SVOCs	Dimethylphthalate	131-11-3	0.035	0.0175	mg/kg	10	R4	0.004	0.002
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Dimethylphthalate	131-11-3	0.034	0.017	mg/kg	10	R4	0.003	0.002

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-BR-05	TSB-BR-05-0	SVOCs	Dimethylphthalate	131-11-3	0.034	0.017	mg/kg	10	R4	0.003	0.002
TSB-BR-06	TSB-BR-06-0	SVOCs	Dimethylphthalate	131-11-3	0.034	0.017	mg/kg	10	R4	0.003	0.002
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-AR-01	TSB-AR-01-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.35	0.175	mg/kg	0.061	R4	6	3
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.35	0.175	mg/kg	0.061	R4	6	3
TSB-AR-02	TSB-AR-02-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-AR-04	TSB-AR-04-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-AR-05	TSB-AR-05-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-AR-06	TSB-AR-06-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-AR-07	TSB-AR-07-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.35	0.175	mg/kg	0.061	R4	6	3
TSB-AR-08	TSB-AR-08-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-AR-10	TSB-AR-10-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-AR-11	TSB-AR-11-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-AR-12	TSB-AR-12-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-AR-13	TSB-AR-13-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-AR-14	TSB-AR-14-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-AR-3	TSB-AR-3-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-AR-9	TSB-AR-9-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.35	0.175	mg/kg	0.061	R4	6	3
TSB-BR-02	TSB-BR-02-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-BR-03	TSB-BR-03-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.35	0.175	mg/kg	0.061	R4	6	3
TSB-BR-04	TSB-BR-04-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-BR-05	TSB-BR-05-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.34	0.17	mg/kg	0.061	R4	6	3
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.33	0.165	mg/kg	0.061	R4	5	3
TSB-BR-06	TSB-BR-06-0	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.33	0.165	mg/kg	0.061	R4	5	3
PC-70_06	PC-70_06/23/1999	SVOCs	Dinitrophenol, 2,4-	51-28-5	0.2	0.1	mg/kg	0.061	R4	3	2
PC-70_06	PC-70_06/23/1999	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.07	0.035	mg/kg	6	R4	0.01	0.006
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.034	0.017	mg/kg	6	R4	0.006	0.003
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.034	0.017	mg/kg	6	R4	0.006	0.003
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.034	0.017	mg/kg	6	R4	0.006	0.003
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.034	0.017	mg/kg	6	R4	0.006	0.003
TSB-AR-01	TSB-AR-01-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.035	0.0175	mg/kg	6	R4	0.006	0.003
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.036	0.018	mg/kg	6	R4	0.006	0.003

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-02	TSB-AR-02-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.034	0.017	mg/kg	6	R4	0.006	0.003
TSB-AR-04	TSB-AR-04-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.034	0.017	mg/kg	6	R4	0.006	0.003
TSB-AR-05	TSB-AR-05-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.034	0.017	mg/kg	6	R4	0.006	0.003
TSB-AR-06	TSB-AR-06-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.034	0.017	mg/kg	6	R4	0.006	0.003
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.035	0.0175	mg/kg	6	R4	0.006	0.003
TSB-AR-07	TSB-AR-07-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.035	0.0175	mg/kg	6	R4	0.006	0.003
TSB-AR-08	TSB-AR-08-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.034	0.017	mg/kg	6	R4	0.006	0.003
TSB-AR-10	TSB-AR-10-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.035	0.0175	mg/kg	6	R4	0.006	0.003
TSB-AR-11	TSB-AR-11-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.035	0.0175	mg/kg	6	R4	0.006	0.003
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.034	0.017	mg/kg	6	R4	0.006	0.003
TSB-AR-12	TSB-AR-12-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.034	0.017	mg/kg	6	R4	0.006	0.003
TSB-AR-13	TSB-AR-13-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.034	0.017	mg/kg	6	R4	0.006	0.003
TSB-AR-14	TSB-AR-14-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.035	0.0175	mg/kg	6	R4	0.006	0.003
TSB-AR-3	TSB-AR-3-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.034	0.017	mg/kg	6	R4	0.006	0.003
TSB-AR-9	TSB-AR-9-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.034	0.017	mg/kg	6	R4	0.006	0.003
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.034	0.017	mg/kg	6	R4	0.006	0.003
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.034	0.017	mg/kg	6	R4	0.006	0.003
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.035	0.0175	mg/kg	6	R4	0.006	0.003
TSB-BR-02	TSB-BR-02-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.034	0.017	mg/kg	6	R4	0.006	0.003
TSB-BR-03	TSB-BR-03-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.035	0.0175	mg/kg	6	R4	0.006	0.003
TSB-BR-04	TSB-BR-04-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.035	0.0175	mg/kg	6	R4	0.006	0.003
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.034	0.017	mg/kg	6	R4	0.006	0.003
TSB-BR-05	TSB-BR-05-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.034	0.017	mg/kg	6	R4	0.006	0.003
TSB-BR-06	TSB-BR-06-0	SVOCs	Dinitrotoluene, 2,4-	121-14-2	0.034	0.017	mg/kg	6	R4	0.006	0.003
PC-70_06	PC-70_06/23/1999	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.035	0.0175	mg/kg	4	R4	0.009	0.004
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AR-01	TSB-AR-01-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.035	0.0175	mg/kg	4	R4	0.009	0.004
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.036	0.018	mg/kg	4	R4	0.009	0.005
TSB-AR-02	TSB-AR-02-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AR-04	TSB-AR-04-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AR-05	TSB-AR-05-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AR-06	TSB-AR-06-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.035	0.0175	mg/kg	4	R4	0.009	0.004
TSB-AR-07	TSB-AR-07-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.035	0.0175	mg/kg	4	R4	0.009	0.004
TSB-AR-08	TSB-AR-08-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AR-10	TSB-AR-10-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.035	0.0175	mg/kg	4	R4	0.009	0.004
TSB-AR-11	TSB-AR-11-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.035	0.0175	mg/kg	4	R4	0.009	0.004

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AR-12	TSB-AR-12-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AR-13	TSB-AR-13-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AR-14	TSB-AR-14-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.035	0.0175	mg/kg	4	R4	0.009	0.004
TSB-AR-3	TSB-AR-3-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AR-9	TSB-AR-9-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.035	0.0175	mg/kg	4	R4	0.009	0.004
TSB-BR-02	TSB-BR-02-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-BR-03	TSB-BR-03-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.035	0.0175	mg/kg	4	R4	0.009	0.004
TSB-BR-04	TSB-BR-04-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.035	0.0175	mg/kg	4	R4	0.009	0.004
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-BR-05	TSB-BR-05-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-BR-06	TSB-BR-06-0	SVOCs	Dinitrotoluene, 2,6-	606-20-2	0.034	0.017	mg/kg	4	R4	0.009	0.004
SA24-0.5	SA24-0.5	SVOCs	Di-n-octylphthalate	117-84-0	0.38	0.19	mg/kg	0.91	R4	0.4	0.2
SA25-0.5	SA25-0.5	SVOCs	Di-n-octylphthalate	117-84-0	0.37	0.185	mg/kg	0.91	R4	0.4	0.2
SA26-0.5	SA26-0.5	SVOCs	Di-n-octylphthalate	117-84-0	0.36	0.18	mg/kg	0.91	R4	0.4	0.2
SA27-0.5	SA27-0.5	SVOCs	Di-n-octylphthalate	117-84-0	0.35	0.175	mg/kg	0.91	R4	0.4	0.2
PC-70_06	PC-70_06/23/1999	SVOCs	Di-n-octylphthalate	117-84-0	0.07	0.035	mg/kg	0.91	R4	0.08	0.04
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-AR-01	TSB-AR-01-0	SVOCs	Di-n-octylphthalate	117-84-0	0.016	0.008	mg/kg	0.91	R4	0.02	0.009
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Di-n-octylphthalate	117-84-0	0.016	0.008	mg/kg	0.91	R4	0.02	0.009
TSB-AR-02	TSB-AR-02-0	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-AR-04	TSB-AR-04-0	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-AR-05	TSB-AR-05-0	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-AR-06	TSB-AR-06-0	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-AR-07	TSB-AR-07-0	SVOCs	Di-n-octylphthalate	117-84-0	0.016	0.008	mg/kg	0.91	R4	0.02	0.009
TSB-AR-08	TSB-AR-08-0	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-AR-10	TSB-AR-10-0	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-AR-11	TSB-AR-11-0	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-AR-12	TSB-AR-12-0	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-AR-13	TSB-AR-13-0	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-AR-14	TSB-AR-14-0	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-AR-3	TSB-AR-3-0	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-9	TSB-AR-9-0	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Di-n-octylphthalate	117-84-0	0.016	0.008	mg/kg	0.91	R4	0.02	0.009
TSB-BR-02	TSB-BR-02-0	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-BR-03	TSB-BR-03-0	SVOCs	Di-n-octylphthalate	117-84-0	0.016	0.008	mg/kg	0.91	R4	0.02	0.009
TSB-BR-04	TSB-BR-04-0	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-BR-05	TSB-BR-05-0	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
TSB-BR-06	TSB-BR-06-0	SVOCs	Di-n-octylphthalate	117-84-0	0.015	0.0075	mg/kg	0.91	R4	0.02	0.008
PC-70_06	PC-70_06/23/1999	OCPs	Dinoseb	88-85-7	0.0054	0.0027	mg/kg	0.015	R4	0.4	0.2
SA24-0.5	SA24-0.5	OCPs	Endosulfan I	959-98-8	0.002	0.001	mg/kg	0.0009	R4	2	1
SA25-0.5	SA25-0.5	OCPs	Endosulfan I	959-98-8	0.0019	0.00095	mg/kg	0.0009	R4	2	1
SA26-0.5	SA26-0.5	OCPs	Endosulfan I	959-98-8	0.0018	0.0009	mg/kg	0.0009	R4	2	1
SA27-0.5	SA27-0.5	OCPs	Endosulfan I	959-98-8	0.0018	0.0009	mg/kg	0.0009	R4	2	1
PC-70_06	PC-70_06/23/1999	OCPs	Endosulfan I	959-98-8	0.00021	0.000105	mg/kg	0.0009	R4	0.2	0.1
TSB-AR-01	TSB-AR-01-0	OCPs	Endosulfan I	959-98-8	0.000087	0.0000435	mg/kg	0.0009	R4	0.1	0.05
TSB-AR-01	TSB-AR-01-0(FD)	OCPs	Endosulfan I	959-98-8	0.000089	0.0000445	mg/kg	0.0009	R4	0.1	0.05
TSB-AR-02	TSB-AR-02-0	OCPs	Endosulfan I	959-98-8	0.000086	0.000043	mg/kg	0.0009	R4	0.1	0.05
TSB-AR-04	TSB-AR-04-0	OCPs	Endosulfan I	959-98-8	0.000086	0.000043	mg/kg	0.0009	R4	0.1	0.05
TSB-AR-05	TSB-AR-05-0	OCPs	Endosulfan I	959-98-8	0.000086	0.000043	mg/kg	0.0009	R4	0.1	0.05
TSB-AR-06	TSB-AR-06-0	OCPs	Endosulfan I	959-98-8	0.000086	0.000043	mg/kg	0.0009	R4	0.1	0.05
TSB-AR-06	TSB-AR-06-0(FD)	OCPs	Endosulfan I	959-98-8	0.000087	0.0000435	mg/kg	0.0009	R4	0.1	0.05
TSB-AR-07	TSB-AR-07-0	OCPs	Endosulfan I	959-98-8	0.000088	0.000044	mg/kg	0.0009	R4	0.1	0.05
TSB-AR-10	TSB-AR-10-0	OCPs	Endosulfan I	959-98-8	0.000087	0.0000435	mg/kg	0.0009	R4	0.1	0.05
TSB-AR-11	TSB-AR-11-0	OCPs	Endosulfan I	959-98-8	0.000086	0.000043	mg/kg	0.0009	R4	0.1	0.05
TSB-AR-11	TSB-AR-11-0(FD)	OCPs	Endosulfan I	959-98-8	0.000086	0.000043	mg/kg	0.0009	R4	0.1	0.05
TSB-AR-12	TSB-AR-12-0	OCPs	Endosulfan I	959-98-8	0.000086	0.000043	mg/kg	0.0009	R4	0.1	0.05
TSB-AR-14	TSB-AR-14-0	OCPs	Endosulfan I	959-98-8	0.000087	0.0000435	mg/kg	0.0009	R4	0.1	0.05
TSB-AR-9	TSB-AR-9-0	OCPs	Endosulfan I	959-98-8	0.000086	0.000043	mg/kg	0.0009	R4	0.1	0.05
TSB-BJ-06	TSB-BJ-06-0	OCPs	Endosulfan I	959-98-8	0.000088	0.000044	mg/kg	0.0009	R4	0.1	0.05
TSB-BR-03	TSB-BR-03-0	OCPs	Endosulfan I	959-98-8	0.000088	0.000044	mg/kg	0.0009	R4	0.1	0.05
TSB-BR-04	TSB-BR-04-0	OCPs	Endosulfan I	959-98-8	0.000086	0.000043	mg/kg	0.0009	R4	0.1	0.05
TSB-BR-04	TSB-BR-04-0(FD)	OCPs	Endosulfan I	959-98-8	0.000086	0.000043	mg/kg	0.0009	R4	0.1	0.05
TSB-AJ-01	TSB-AJ-01-0	OCPs	Endosulfan I	959-98-8	0.000085	0.0000425	mg/kg	0.0009	R4	0.09	0.05
TSB-AJ-02	TSB-AJ-02-0	OCPs	Endosulfan I	959-98-8	0.000085	0.0000425	mg/kg	0.0009	R4	0.09	0.05
TSB-AJ-02	TSB-AJ-02-0(FD)	OCPs	Endosulfan I	959-98-8	0.000084	0.000042	mg/kg	0.0009	R4	0.09	0.05
TSB-AJ-03	TSB-AJ-03-0	OCPs	Endosulfan I	959-98-8	0.000085	0.0000425	mg/kg	0.0009	R4	0.09	0.05
TSB-AR-08	TSB-AR-08-0	OCPs	Endosulfan I	959-98-8	0.000085	0.0000425	mg/kg	0.0009	R4	0.09	0.05
TSB-AR-13	TSB-AR-13-0	OCPs	Endosulfan I	959-98-8	0.000085	0.0000425	mg/kg	0.0009	R4	0.09	0.05

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-3	TSB-AR-3-0	OCPs	Endosulfan I	959-98-8	0.000085	0.0000425	mg/kg	0.0009	R4	0.09	0.05
TSB-BJ-01	TSB-BJ-01-0	OCPs	Endosulfan I	959-98-8	0.000085	0.0000425	mg/kg	0.0009	R4	0.09	0.05
TSB-BJ-02	TSB-BJ-02-0	OCPs	Endosulfan I	959-98-8	0.000085	0.0000425	mg/kg	0.0009	R4	0.09	0.05
TSB-BR-02	TSB-BR-02-0	OCPs	Endosulfan I	959-98-8	0.000085	0.0000425	mg/kg	0.0009	R4	0.09	0.05
TSB-BR-05	TSB-BR-05-0	OCPs	Endosulfan I	959-98-8	0.000085	0.0000425	mg/kg	0.0009	R4	0.09	0.05
TSB-BR-06	TSB-BR-06-0	OCPs	Endosulfan I	959-98-8	0.000084	0.000042	mg/kg	0.0009	R4	0.09	0.05
SA24-0.5	SA24-0.5	OCPs	Endosulfan sulfate	1031-07-8	0.002	0.001	mg/kg	0.0007	R4	3	1
SA25-0.5	SA25-0.5	OCPs	Endosulfan sulfate	1031-07-8	0.0019	0.00095	mg/kg	0.0007	R4	3	1
SA26-0.5	SA26-0.5	OCPs	Endosulfan sulfate	1031-07-8	0.0018	0.0009	mg/kg	0.0007	R4	3	1
SA27-0.5	SA27-0.5	OCPs	Endosulfan sulfate	1031-07-8	0.0018	0.0009	mg/kg	0.0007	R4	3	1
PC-70_06	PC-70_06/23/1999	OCPs	Endosulfan sulfate	1031-07-8	0.00041	0.000205	mg/kg	0.0007	R4	0.6	0.3
TSB-AJ-01	TSB-AJ-01-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-AJ-02	TSB-AJ-02-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-AJ-02	TSB-AJ-02-0(FD)	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-AJ-03	TSB-AJ-03-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-AR-01	TSB-AR-01-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-AR-01	TSB-AR-01-0(FD)	OCPs	Endosulfan sulfate	1031-07-8	0.00013	0.000065	mg/kg	0.0007	R4	0.2	0.09
TSB-AR-02	TSB-AR-02-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-AR-04	TSB-AR-04-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-AR-05	TSB-AR-05-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-AR-06	TSB-AR-06-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-AR-06	TSB-AR-06-0(FD)	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-AR-07	TSB-AR-07-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-AR-08	TSB-AR-08-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-AR-10	TSB-AR-10-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-AR-11	TSB-AR-11-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-AR-11	TSB-AR-11-0(FD)	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-AR-12	TSB-AR-12-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-AR-13	TSB-AR-13-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-AR-14	TSB-AR-14-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-AR-3	TSB-AR-3-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-AR-9	TSB-AR-9-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-BJ-01	TSB-BJ-01-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-BJ-02	TSB-BJ-02-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-BJ-06	TSB-BJ-06-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-BR-02	TSB-BR-02-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-BR-03	TSB-BR-03-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-BR-04	TSB-BR-04-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-BR-04	TSB-BR-04-0(FD)	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
TSB-BR-05	TSB-BR-05-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09

TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-BR-06	TSB-BR-06-0	OCPs	Endosulfan sulfate	1031-07-8	0.00012	0.00006	mg/kg	0.0007	R4	0.2	0.09
SA24-0.5	SA24-0.5	OCPs	Endrin	72-20-8	0.002	0.001	mg/kg	0.0014	R4	1	0.7
SA25-0.5	SA25-0.5	OCPs	Endrin	72-20-8	0.0019	0.00095	mg/kg	0.0014	R4	1	0.7
SA26-0.5	SA26-0.5	OCPs	Endrin	72-20-8	0.0018	0.0009	mg/kg	0.0014	R4	1	0.6
SA27-0.5	SA27-0.5	OCPs	Endrin	72-20-8	0.0018	0.0009	mg/kg	0.0014	R4	1	0.6
PC-70_06	PC-70_06/23/1999	OCPs	Endrin	72-20-8	0.00041	0.000205	mg/kg	0.0014	R4	0.3	0.1
TSB-AR-01	TSB-AR-01-0	OCPs	Endrin	72-20-8	0.000087	0.0000435	mg/kg	0.0014	R4	0.06	0.03
TSB-AR-01	TSB-AR-01-0(FD)	OCPs	Endrin	72-20-8	0.000089	0.0000445	mg/kg	0.0014	R4	0.06	0.03
TSB-AR-02	TSB-AR-02-0	OCPs	Endrin	72-20-8	0.000086	0.000043	mg/kg	0.0014	R4	0.06	0.03
TSB-AR-04	TSB-AR-04-0	OCPs	Endrin	72-20-8	0.000086	0.000043	mg/kg	0.0014	R4	0.06	0.03
TSB-AR-05	TSB-AR-05-0	OCPs	Endrin	72-20-8	0.000086	0.000043	mg/kg	0.0014	R4	0.06	0.03
TSB-AR-06	TSB-AR-06-0	OCPs	Endrin	72-20-8	0.000086	0.000043	mg/kg	0.0014	R4	0.06	0.03
TSB-AR-06	TSB-AR-06-0(FD)	OCPs	Endrin	72-20-8	0.000087	0.0000435	mg/kg	0.0014	R4	0.06	0.03
TSB-AR-07	TSB-AR-07-0	OCPs	Endrin	72-20-8	0.000088	0.000044	mg/kg	0.0014	R4	0.06	0.03
TSB-AR-10	TSB-AR-10-0	OCPs	Endrin	72-20-8	0.000087	0.0000435	mg/kg	0.0014	R4	0.06	0.03
TSB-AR-11	TSB-AR-11-0	OCPs	Endrin	72-20-8	0.000086	0.000043	mg/kg	0.0014	R4	0.06	0.03
TSB-AR-11	TSB-AR-11-0(FD)	OCPs	Endrin	72-20-8	0.000086	0.000043	mg/kg	0.0014	R4	0.06	0.03
TSB-AR-12	TSB-AR-12-0	OCPs	Endrin	72-20-8	0.000086	0.000043	mg/kg	0.0014	R4	0.06	0.03
TSB-AR-14	TSB-AR-14-0	OCPs	Endrin	72-20-8	0.000087	0.0000435	mg/kg	0.0014	R4	0.06	0.03
TSB-AR-9	TSB-AR-9-0	OCPs	Endrin	72-20-8	0.000086	0.000043	mg/kg	0.0014	R4	0.06	0.03
TSB-BJ-06	TSB-BJ-06-0	OCPs	Endrin	72-20-8	0.000088	0.000044	mg/kg	0.0014	R4	0.06	0.03
TSB-BR-03	TSB-BR-03-0	OCPs	Endrin	72-20-8	0.000088	0.000044	mg/kg	0.0014	R4	0.06	0.03
TSB-BR-04	TSB-BR-04-0	OCPs	Endrin	72-20-8	0.000086	0.000043	mg/kg	0.0014	R4	0.06	0.03
TSB-BR-04	TSB-BR-04-0(FD)	OCPs	Endrin	72-20-8	0.000086	0.000043	mg/kg	0.0014	R4	0.06	0.03
TSB-AJ-01	TSB-AJ-01-0	OCPs	Endrin	72-20-8	0.000085	0.0000425	mg/kg	0.0014	R4	0.06	0.03
TSB-AJ-02	TSB-AJ-02-0	OCPs	Endrin	72-20-8	0.000085	0.0000425	mg/kg	0.0014	R4	0.06	0.03
TSB-AJ-02	TSB-AJ-02-0(FD)	OCPs	Endrin	72-20-8	0.000084	0.000042	mg/kg	0.0014	R4	0.06	0.03
TSB-AJ-03	TSB-AJ-03-0	OCPs	Endrin	72-20-8	0.000085	0.0000425	mg/kg	0.0014	R4	0.06	0.03
TSB-AR-08	TSB-AR-08-0	OCPs	Endrin	72-20-8	0.000085	0.0000425	mg/kg	0.0014	R4	0.06	0.03
TSB-AR-13	TSB-AR-13-0	OCPs	Endrin	72-20-8	0.000085	0.0000425	mg/kg	0.0014	R4	0.06	0.03
TSB-AR-3	TSB-AR-3-0	OCPs	Endrin	72-20-8	0.000085	0.0000425	mg/kg	0.0014	R4	0.06	0.03
TSB-BJ-01	TSB-BJ-01-0	OCPs	Endrin	72-20-8	0.000085	0.0000425	mg/kg	0.0014	R4	0.06	0.03
TSB-BJ-02	TSB-BJ-02-0	OCPs	Endrin	72-20-8	0.000085	0.0000425	mg/kg	0.0014	R4	0.06	0.03
TSB-BR-02	TSB-BR-02-0	OCPs	Endrin	72-20-8	0.000085	0.0000425	mg/kg	0.0014	R4	0.06	0.03
TSB-BR-05	TSB-BR-05-0	OCPs	Endrin	72-20-8	0.000085	0.0000425	mg/kg	0.0014	R4	0.06	0.03
TSB-BR-06	TSB-BR-06-0	OCPs	Endrin	72-20-8	0.000084	0.000042	mg/kg	0.0014	R4	0.06	0.03
SA26-0.5	SA26-0.5	VOCs	Ethylene glycol	107-21-1	54	27	mg/kg	0.31	R4	200	90
SA27-0.5	SA27-0.5	VOCs	Ethylene glycol	107-21-1	52	26	mg/kg	0.31	R4	200	80
SA24-0.5	SA24-0.5	OPPs	Guthion	86-50-0	0.015	0.0075	mg/kg	0.00006	R4	300	100
SA25-0.5	SA25-0.5	OPPs	Guthion	86-50-0	0.015	0.0075	mg/kg	0.00006	R4	300	100

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
SA26-0.5	SA26-0.5	OPPs	Guthion	86-50-0	0.014	0.007	mg/kg	0.00006	R4	200	100
SA27-0.5	SA27-0.5	OPPs	Guthion	86-50-0	0.014	0.007	mg/kg	0.00006	R4	200	100
SA24-0.5	SA24-0.5	OCPs	Heptachlor	76-44-8	0.002	0.001	mg/kg	0.0016	R4	1	0.6
SA25-0.5	SA25-0.5	OCPs	Heptachlor	76-44-8	0.0019	0.00095	mg/kg	0.0016	R4	1	0.6
SA26-0.5	SA26-0.5	OCPs	Heptachlor	76-44-8	0.0018	0.0009	mg/kg	0.0016	R4	1	0.6
SA27-0.5	SA27-0.5	OCPs	Heptachlor	76-44-8	0.0018	0.0009	mg/kg	0.0016	R4	1	0.6
TSB-AJ-01	TSB-AJ-01-0	OCPs	Heptachlor	76-44-8	0.0006	0.0003	mg/kg	0.0016	R4	0.4	0.2
TSB-AJ-02	TSB-AJ-02-0	OCPs	Heptachlor	76-44-8	0.0006	0.0003	mg/kg	0.0016	R4	0.4	0.2
TSB-AJ-02	TSB-AJ-02-0(FD)	OCPs	Heptachlor	76-44-8	0.0006	0.0003	mg/kg	0.0016	R4	0.4	0.2
TSB-AJ-03	TSB-AJ-03-0	OCPs	Heptachlor	76-44-8	0.0006	0.0003	mg/kg	0.0016	R4	0.4	0.2
TSB-AR-01	TSB-AR-01-0	OCPs	Heptachlor	76-44-8	0.00062	0.00031	mg/kg	0.0016	R4	0.4	0.2
TSB-AR-01	TSB-AR-01-0(FD)	OCPs	Heptachlor	76-44-8	0.00063	0.000315	mg/kg	0.0016	R4	0.4	0.2
TSB-AR-02	TSB-AR-02-0	OCPs	Heptachlor	76-44-8	0.00061	0.000305	mg/kg	0.0016	R4	0.4	0.2
TSB-AR-04	TSB-AR-04-0	OCPs	Heptachlor	76-44-8	0.00061	0.000305	mg/kg	0.0016	R4	0.4	0.2
TSB-AR-05	TSB-AR-05-0	OCPs	Heptachlor	76-44-8	0.00061	0.000305	mg/kg	0.0016	R4	0.4	0.2
TSB-AR-06	TSB-AR-06-0	OCPs	Heptachlor	76-44-8	0.00061	0.000305	mg/kg	0.0016	R4	0.4	0.2
TSB-AR-06	TSB-AR-06-0(FD)	OCPs	Heptachlor	76-44-8	0.00062	0.00031	mg/kg	0.0016	R4	0.4	0.2
TSB-AR-07	TSB-AR-07-0	OCPs	Heptachlor	76-44-8	0.00062	0.00031	mg/kg	0.0016	R4	0.4	0.2
TSB-AR-08	TSB-AR-08-0	OCPs	Heptachlor	76-44-8	0.00061	0.000305	mg/kg	0.0016	R4	0.4	0.2
TSB-AR-10	TSB-AR-10-0	OCPs	Heptachlor	76-44-8	0.00061	0.000305	mg/kg	0.0016	R4	0.4	0.2
TSB-AR-11	TSB-AR-11-0	OCPs	Heptachlor	76-44-8	0.00061	0.000305	mg/kg	0.0016	R4	0.4	0.2
TSB-AR-11	TSB-AR-11-0(FD)	OCPs	Heptachlor	76-44-8	0.00061	0.000305	mg/kg	0.0016	R4	0.4	0.2
TSB-AR-12	TSB-AR-12-0	OCPs	Heptachlor	76-44-8	0.00061	0.000305	mg/kg	0.0016	R4	0.4	0.2
TSB-AR-13	TSB-AR-13-0	OCPs	Heptachlor	76-44-8	0.00061	0.000305	mg/kg	0.0016	R4	0.4	0.2
TSB-AR-14	TSB-AR-14-0	OCPs	Heptachlor	76-44-8	0.00061	0.000305	mg/kg	0.0016	R4	0.4	0.2
TSB-AR-3	TSB-AR-3-0	OCPs	Heptachlor	76-44-8	0.0006	0.0003	mg/kg	0.0016	R4	0.4	0.2
TSB-AR-9	TSB-AR-9-0	OCPs	Heptachlor	76-44-8	0.00061	0.000305	mg/kg	0.0016	R4	0.4	0.2
TSB-BJ-01	TSB-BJ-01-0	OCPs	Heptachlor	76-44-8	0.0006	0.0003	mg/kg	0.0016	R4	0.4	0.2
TSB-BJ-02	TSB-BJ-02-0	OCPs	Heptachlor	76-44-8	0.0006	0.0003	mg/kg	0.0016	R4	0.4	0.2
TSB-BJ-06	TSB-BJ-06-0	OCPs	Heptachlor	76-44-8	0.00062	0.00031	mg/kg	0.0016	R4	0.4	0.2
TSB-BR-02	TSB-BR-02-0	OCPs	Heptachlor	76-44-8	0.0006	0.0003	mg/kg	0.0016	R4	0.4	0.2
TSB-BR-03	TSB-BR-03-0	OCPs	Heptachlor	76-44-8	0.00062	0.00031	mg/kg	0.0016	R4	0.4	0.2
TSB-BR-04	TSB-BR-04-0	OCPs	Heptachlor	76-44-8	0.00061	0.000305	mg/kg	0.0016	R4	0.4	0.2
TSB-BR-04	TSB-BR-04-0(FD)	OCPs	Heptachlor	76-44-8	0.00061	0.000305	mg/kg	0.0016	R4	0.4	0.2
TSB-BR-05	TSB-BR-05-0	OCPs	Heptachlor	76-44-8	0.0006	0.0003	mg/kg	0.0016	R4	0.4	0.2
TSB-BR-06	TSB-BR-06-0	OCPs	Heptachlor	76-44-8	0.0006	0.0003	mg/kg	0.0016	R4	0.4	0.2
PC-70_06	PC-70_06/23/1999	OCPs	Heptachlor	76-44-8	0.00021	0.000105	mg/kg	0.0016	R4	0.1	0.07
SA24-0.5	SA24-0.5	OCPs	Heptachlor epoxide	1024-57-3	0.002	0.001	mg/kg	0.00015	R4	10	7
SA25-0.5	SA25-0.5	OCPs	Heptachlor epoxide	1024-57-3	0.0019	0.00095	mg/kg	0.00015	R4	10	6
SA26-0.5	SA26-0.5	OCPs	Heptachlor epoxide	1024-57-3	0.0018	0.0009	mg/kg	0.00015	R4	10	6

TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
SA27-0.5	SA27-0.5	OCPs	Heptachlor epoxide	1024-57-3	0.0018	0.0009	mg/kg	0.00015	R4	10	6
PC-70_06	PC-70_06/23/1999	OCPs	Heptachlor epoxide	1024-57-3	0.00021	0.000105	mg/kg	0.00015	R4	1	0.7
TSB-AJ-01	TSB-AJ-01-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-AJ-02	TSB-AJ-02-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-AJ-02	TSB-AJ-02-0(FD)	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-AJ-03	TSB-AJ-03-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-AR-01	TSB-AR-01-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-AR-01	TSB-AR-01-0(FD)	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-AR-02	TSB-AR-02-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-AR-04	TSB-AR-04-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-AR-05	TSB-AR-05-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-AR-06	TSB-AR-06-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-AR-06	TSB-AR-06-0(FD)	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-AR-07	TSB-AR-07-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-AR-08	TSB-AR-08-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-AR-10	TSB-AR-10-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-AR-11	TSB-AR-11-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-AR-11	TSB-AR-11-0(FD)	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-AR-12	TSB-AR-12-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-AR-13	TSB-AR-13-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-AR-14	TSB-AR-14-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-AR-3	TSB-AR-3-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-AR-9	TSB-AR-9-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-BJ-01	TSB-BJ-01-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-BJ-02	TSB-BJ-02-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-BJ-06	TSB-BJ-06-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-BR-02	TSB-BR-02-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-BR-03	TSB-BR-03-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-BR-04	TSB-BR-04-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-BR-04	TSB-BR-04-0(FD)	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-BR-05	TSB-BR-05-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
TSB-BR-06	TSB-BR-06-0	OCPs	Heptachlor epoxide	1024-57-3	0.00012	0.00006	mg/kg	0.00015	R4	0.8	0.4
PC-70_06	PC-70_06/23/1999	SVOCs	Hexachlorobutadiene	87-68-3	0.07	0.035	mg/kg	0.009	R4	8	4
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Hexachlorobutadiene	87-68-3	0.034	0.017	mg/kg	0.009	R4	4	2
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Hexachlorobutadiene	87-68-3	0.034	0.017	mg/kg	0.009	R4	4	2
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Hexachlorobutadiene	87-68-3	0.034	0.017	mg/kg	0.009	R4	4	2
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Hexachlorobutadiene	87-68-3	0.034	0.017	mg/kg	0.009	R4	4	2
TSB-AR-01	TSB-AR-01-0	SVOCs	Hexachlorobutadiene	87-68-3	0.035	0.0175	mg/kg	0.009	R4	4	2
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Hexachlorobutadiene	87-68-3	0.036	0.018	mg/kg	0.009	R4	4	2
TSB-AR-02	TSB-AR-02-0	SVOCs	Hexachlorobutadiene	87-68-3	0.034	0.017	mg/kg	0.009	R4	4	2

TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-04	TSB-AR-04-0	SVOCs	Hexachlorobutadiene	87-68-3	0.034	0.017	mg/kg	0.009	R4	4	2
TSB-AR-05	TSB-AR-05-0	SVOCs	Hexachlorobutadiene	87-68-3	0.034	0.017	mg/kg	0.009	R4	4	2
TSB-AR-06	TSB-AR-06-0	SVOCs	Hexachlorobutadiene	87-68-3	0.034	0.017	mg/kg	0.009	R4	4	2
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Hexachlorobutadiene	87-68-3	0.035	0.0175	mg/kg	0.009	R4	4	2
TSB-AR-07	TSB-AR-07-0	SVOCs	Hexachlorobutadiene	87-68-3	0.035	0.0175	mg/kg	0.009	R4	4	2
TSB-AR-08	TSB-AR-08-0	SVOCs	Hexachlorobutadiene	87-68-3	0.034	0.017	mg/kg	0.009	R4	4	2
TSB-AR-10	TSB-AR-10-0	SVOCs	Hexachlorobutadiene	87-68-3	0.035	0.0175	mg/kg	0.009	R4	4	2
TSB-AR-11	TSB-AR-11-0	SVOCs	Hexachlorobutadiene	87-68-3	0.035	0.0175	mg/kg	0.009	R4	4	2
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Hexachlorobutadiene	87-68-3	0.034	0.017	mg/kg	0.009	R4	4	2
TSB-AR-12	TSB-AR-12-0	SVOCs	Hexachlorobutadiene	87-68-3	0.034	0.017	mg/kg	0.009	R4	4	2
TSB-AR-13	TSB-AR-13-0	SVOCs	Hexachlorobutadiene	87-68-3	0.034	0.017	mg/kg	0.009	R4	4	2
TSB-AR-14	TSB-AR-14-0	SVOCs	Hexachlorobutadiene	87-68-3	0.035	0.0175	mg/kg	0.009	R4	4	2
TSB-AR-3	TSB-AR-3-0	SVOCs	Hexachlorobutadiene	87-68-3	0.034	0.017	mg/kg	0.009	R4	4	2
TSB-AR-9	TSB-AR-9-0	SVOCs	Hexachlorobutadiene	87-68-3	0.034	0.017	mg/kg	0.009	R4	4	2
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Hexachlorobutadiene	87-68-3	0.034	0.017	mg/kg	0.009	R4	4	2
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Hexachlorobutadiene	87-68-3	0.034	0.017	mg/kg	0.009	R4	4	2
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Hexachlorobutadiene	87-68-3	0.035	0.0175	mg/kg	0.009	R4	4	2
TSB-BR-02	TSB-BR-02-0	SVOCs	Hexachlorobutadiene	87-68-3	0.034	0.017	mg/kg	0.009	R4	4	2
TSB-BR-03	TSB-BR-03-0	SVOCs	Hexachlorobutadiene	87-68-3	0.035	0.0175	mg/kg	0.009	R4	4	2
TSB-BR-04	TSB-BR-04-0	SVOCs	Hexachlorobutadiene	87-68-3	0.035	0.0175	mg/kg	0.009	R4	4	2
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Hexachlorobutadiene	87-68-3	0.034	0.017	mg/kg	0.009	R4	4	2
TSB-BR-05	TSB-BR-05-0	SVOCs	Hexachlorobutadiene	87-68-3	0.034	0.017	mg/kg	0.009	R4	4	2
TSB-BR-06	TSB-BR-06-0	SVOCs	Hexachlorobutadiene	87-68-3	0.034	0.017	mg/kg	0.009	R4	4	2
SA24-0.5	SA24-0.5	SVOCs	Hexachlorobutadiene	87-68-3	0.0058	0.0029	mg/kg	0.009	R4	0.6	0.3
SA25-0.5	SA25-0.5	SVOCs	Hexachlorobutadiene	87-68-3	0.0056	0.0028	mg/kg	0.009	R4	0.6	0.3
SA26-0.5	SA26-0.5	SVOCs	Hexachlorobutadiene	87-68-3	0.0054	0.0027	mg/kg	0.009	R4	0.6	0.3
SA27-0.5	SA27-0.5	SVOCs	Hexachlorobutadiene	87-68-3	0.0052	0.0026	mg/kg	0.009	R4	0.6	0.3
TSB-AR-01	TSB-AR-01-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.35	0.175	mg/kg	0.001	R4	400	200
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.35	0.175	mg/kg	0.001	R4	400	200
TSB-AR-07	TSB-AR-07-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.35	0.175	mg/kg	0.001	R4	400	200
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.35	0.175	mg/kg	0.001	R4	400	200
TSB-BR-03	TSB-BR-03-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.35	0.175	mg/kg	0.001	R4	400	200
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.33	0.165	mg/kg	0.001	R4	300	200
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200
TSB-AR-02	TSB-AR-02-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200
TSB-AR-04	TSB-AR-04-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200
TSB-AR-05	TSB-AR-05-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200
TSB-AR-06	TSB-AR-06-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200
TSB-AR-08	TSB-AR-08-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200
TSB-AR-10	TSB-AR-10-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200
TSB-AR-11	TSB-AR-11-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200
TSB-AR-12	TSB-AR-12-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200
TSB-AR-13	TSB-AR-13-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200
TSB-AR-14	TSB-AR-14-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200
TSB-AR-3	TSB-AR-3-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200
TSB-AR-9	TSB-AR-9-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200
TSB-BR-02	TSB-BR-02-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200
TSB-BR-04	TSB-BR-04-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200
TSB-BR-05	TSB-BR-05-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34	0.17	mg/kg	0.001	R4	300	200
TSB-BR-06	TSB-BR-06-0	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.33	0.165	mg/kg	0.001	R4	300	200
PC-70_06	PC-70_06/23/1999	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.18	0.09	mg/kg	0.001	R4	200	90
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Hexachloroethane	67-72-1	0.036	0.018	mg/kg	0.024	R4	2	0.8
PC-70_06	PC-70_06/23/1999	SVOCs	Hexachloroethane	67-72-1	0.035	0.0175	mg/kg	0.024	R4	1	0.7
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Hexachloroethane	67-72-1	0.034	0.017	mg/kg	0.024	R4	1	0.7
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Hexachloroethane	67-72-1	0.034	0.017	mg/kg	0.024	R4	1	0.7
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Hexachloroethane	67-72-1	0.034	0.017	mg/kg	0.024	R4	1	0.7
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Hexachloroethane	67-72-1	0.034	0.017	mg/kg	0.024	R4	1	0.7
TSB-AR-01	TSB-AR-01-0	SVOCs	Hexachloroethane	67-72-1	0.035	0.0175	mg/kg	0.024	R4	1	0.7
TSB-AR-02	TSB-AR-02-0	SVOCs	Hexachloroethane	67-72-1	0.034	0.017	mg/kg	0.024	R4	1	0.7
TSB-AR-04	TSB-AR-04-0	SVOCs	Hexachloroethane	67-72-1	0.034	0.017	mg/kg	0.024	R4	1	0.7
TSB-AR-05	TSB-AR-05-0	SVOCs	Hexachloroethane	67-72-1	0.034	0.017	mg/kg	0.024	R4	1	0.7
TSB-AR-06	TSB-AR-06-0	SVOCs	Hexachloroethane	67-72-1	0.034	0.017	mg/kg	0.024	R4	1	0.7
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Hexachloroethane	67-72-1	0.035	0.0175	mg/kg	0.024	R4	1	0.7
TSB-AR-07	TSB-AR-07-0	SVOCs	Hexachloroethane	67-72-1	0.035	0.0175	mg/kg	0.024	R4	1	0.7
TSB-AR-08	TSB-AR-08-0	SVOCs	Hexachloroethane	67-72-1	0.034	0.017	mg/kg	0.024	R4	1	0.7
TSB-AR-10	TSB-AR-10-0	SVOCs	Hexachloroethane	67-72-1	0.035	0.0175	mg/kg	0.024	R4	1	0.7
TSB-AR-11	TSB-AR-11-0	SVOCs	Hexachloroethane	67-72-1	0.035	0.0175	mg/kg	0.024	R4	1	0.7
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Hexachloroethane	67-72-1	0.034	0.017	mg/kg	0.024	R4	1	0.7
TSB-AR-12	TSB-AR-12-0	SVOCs	Hexachloroethane	67-72-1	0.034	0.017	mg/kg	0.024	R4	1	0.7
TSB-AR-13	TSB-AR-13-0	SVOCs	Hexachloroethane	67-72-1	0.034	0.017	mg/kg	0.024	R4	1	0.7
TSB-AR-14	TSB-AR-14-0	SVOCs	Hexachloroethane	67-72-1	0.035	0.0175	mg/kg	0.024	R4	1	0.7
TSB-AR-3	TSB-AR-3-0	SVOCs	Hexachloroethane	67-72-1	0.034	0.017	mg/kg	0.024	R4	1	0.7
TSB-AR-9	TSB-AR-9-0	SVOCs	Hexachloroethane	67-72-1	0.034	0.017	mg/kg	0.024	R4	1	0.7

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Hexachloroethane	67-72-1	0.034	0.017	mg/kg	0.024	R4	1	0.7
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Hexachloroethane	67-72-1	0.034	0.017	mg/kg	0.024	R4	1	0.7
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Hexachloroethane	67-72-1	0.035	0.0175	mg/kg	0.024	R4	1	0.7
TSB-BR-02	TSB-BR-02-0	SVOCs	Hexachloroethane	67-72-1	0.034	0.017	mg/kg	0.024	R4	1	0.7
TSB-BR-03	TSB-BR-03-0	SVOCs	Hexachloroethane	67-72-1	0.035	0.0175	mg/kg	0.024	R4	1	0.7
TSB-BR-04	TSB-BR-04-0	SVOCs	Hexachloroethane	67-72-1	0.035	0.0175	mg/kg	0.024	R4	1	0.7
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Hexachloroethane	67-72-1	0.034	0.017	mg/kg	0.024	R4	1	0.7
TSB-BR-05	TSB-BR-05-0	SVOCs	Hexachloroethane	67-72-1	0.034	0.017	mg/kg	0.024	R4	1	0.7
TSB-BR-06	TSB-BR-06-0	SVOCs	Hexachloroethane	67-72-1	0.034	0.017	mg/kg	0.024	R4	1	0.7
SA24-0.5	SA24-0.5	VOCs	Hexanone, 2-	591-78-6	0.012	0.006	mg/kg	0.36	R4	0.03	0.02
SA25-0.5	SA25-0.5	VOCs	Hexanone, 2-	591-78-6	0.011	0.0055	mg/kg	0.36	R4	0.03	0.02
SA26-0.5	SA26-0.5	VOCs	Hexanone, 2-	591-78-6	0.011	0.0055	mg/kg	0.36	R4	0.03	0.02
SA27-0.5	SA27-0.5	VOCs	Hexanone, 2-	591-78-6	0.01	0.005	mg/kg	0.36	R4	0.03	0.01
PC-70_06	PC-70_06/23/1999	VOCs	Hexanone, 2-	591-78-6	0.003	0.0015	mg/kg	0.36	R4	0.008	0.004
TSB-AJ-01	TSB-AJ-01-0	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-AJ-02	TSB-AJ-02-0	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Hexanone, 2-	591-78-6	0.00028	0.00014	mg/kg	0.36	R4	0.0008	0.0004
TSB-AJ-03	TSB-AJ-03-0	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-AR-01	TSB-AR-01-0	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Hexanone, 2-	591-78-6	0.0003	0.00015	mg/kg	0.36	R4	0.0008	0.0004
TSB-AR-02	TSB-AR-02-0	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-AR-04	TSB-AR-04-0	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-AR-05	TSB-AR-05-0	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-AR-06	TSB-AR-06-0	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-AR-07	TSB-AR-07-0	VOCs	Hexanone, 2-	591-78-6	0.0003	0.00015	mg/kg	0.36	R4	0.0008	0.0004
TSB-AR-08	TSB-AR-08-0	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-AR-10	TSB-AR-10-0	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-AR-11	TSB-AR-11-0	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-AR-12	TSB-AR-12-0	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-AR-13	TSB-AR-13-0	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-AR-14	TSB-AR-14-0	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-AR-3	TSB-AR-3-0	VOCs	Hexanone, 2-	591-78-6	0.00028	0.00014	mg/kg	0.36	R4	0.0008	0.0004
TSB-AR-9	TSB-AR-9-0	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-BJ-01	TSB-BJ-01-0	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-BJ-02	TSB-BJ-02-0	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-BJ-06	TSB-BJ-06-0	VOCs	Hexanone, 2-	591-78-6	0.0003	0.00015	mg/kg	0.36	R4	0.0008	0.0004
TSB-BR-02	TSB-BR-02-0	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-BR-03	TSB-BR-03-0	VOCs	Hexanone, 2-	591-78-6	0.0003	0.00015	mg/kg	0.36	R4	0.0008	0.0004

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-BR-04	TSB-BR-04-0	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-BR-05	TSB-BR-05-0	VOCs	Hexanone, 2-	591-78-6	0.00029	0.000145	mg/kg	0.36	R4	0.0008	0.0004
TSB-BR-06	TSB-BR-06-0	VOCs	Hexanone, 2-	591-78-6	0.00028	0.00014	mg/kg	0.36	R4	0.0008	0.0004
SA24-0.5	SA24-0.5	OPPs	Malathion	121-75-5	0.017	0.0085	mg/kg	0.00004	R4	400	200
SA25-0.5	SA25-0.5	OPPs	Malathion	121-75-5	0.017	0.0085	mg/kg	0.00004	R4	400	200
SA26-0.5	SA26-0.5	OPPs	Malathion	121-75-5	0.016	0.008	mg/kg	0.00004	R4	400	200
SA27-0.5	SA27-0.5	OPPs	Malathion	121-75-5	0.016	0.008	mg/kg	0.00004	R4	400	200
SA24-0.5	SA24-0.5	OCPs	Methoxychlor	72-43-5	0.0038	0.0019	mg/kg	0.0021	R4	2	0.9
SA25-0.5	SA25-0.5	OCPs	Methoxychlor	72-43-5	0.0037	0.00185	mg/kg	0.0021	R4	2	0.9
SA26-0.5	SA26-0.5	OCPs	Methoxychlor	72-43-5	0.0036	0.0018	mg/kg	0.0021	R4	2	0.9
SA27-0.5	SA27-0.5	OCPs	Methoxychlor	72-43-5	0.0035	0.00175	mg/kg	0.0021	R4	2	0.8
PC-70_06	PC-70_06/23/1999	OCPs	Methoxychlor	72-43-5	0.0021	0.00105	mg/kg	0.0021	R4	1	0.5
TSB-AR-01	TSB-AR-01-0	OCPs	Methoxychlor	72-43-5	0.00074	0.00037	mg/kg	0.0021	R4	0.4	0.2
TSB-AR-01	TSB-AR-01-0(FD)	OCPs	Methoxychlor	72-43-5	0.00075	0.000375	mg/kg	0.0021	R4	0.4	0.2
TSB-AR-07	TSB-AR-07-0	OCPs	Methoxychlor	72-43-5	0.00074	0.00037	mg/kg	0.0021	R4	0.4	0.2
TSB-BJ-06	TSB-BJ-06-0	OCPs	Methoxychlor	72-43-5	0.00074	0.00037	mg/kg	0.0021	R4	0.4	0.2
TSB-BR-03	TSB-BR-03-0	OCPs	Methoxychlor	72-43-5	0.00074	0.00037	mg/kg	0.0021	R4	0.4	0.2
TSB-AJ-01	TSB-AJ-01-0	OCPs	Methoxychlor	72-43-5	0.00072	0.00036	mg/kg	0.0021	R4	0.3	0.2
TSB-AJ-02	TSB-AJ-02-0	OCPs	Methoxychlor	72-43-5	0.00071	0.000355	mg/kg	0.0021	R4	0.3	0.2
TSB-AJ-02	TSB-AJ-02-0(FD)	OCPs	Methoxychlor	72-43-5	0.00071	0.000355	mg/kg	0.0021	R4	0.3	0.2
TSB-AJ-03	TSB-AJ-03-0	OCPs	Methoxychlor	72-43-5	0.00072	0.00036	mg/kg	0.0021	R4	0.3	0.2
TSB-AR-02	TSB-AR-02-0	OCPs	Methoxychlor	72-43-5	0.00072	0.00036	mg/kg	0.0021	R4	0.3	0.2
TSB-AR-04	TSB-AR-04-0	OCPs	Methoxychlor	72-43-5	0.00072	0.00036	mg/kg	0.0021	R4	0.3	0.2
TSB-AR-05	TSB-AR-05-0	OCPs	Methoxychlor	72-43-5	0.00072	0.00036	mg/kg	0.0021	R4	0.3	0.2
TSB-AR-06	TSB-AR-06-0	OCPs	Methoxychlor	72-43-5	0.00073	0.000365	mg/kg	0.0021	R4	0.3	0.2
TSB-AR-06	TSB-AR-06-0(FD)	OCPs	Methoxychlor	72-43-5	0.00073	0.000365	mg/kg	0.0021	R4	0.3	0.2
TSB-AR-08	TSB-AR-08-0	OCPs	Methoxychlor	72-43-5	0.00072	0.00036	mg/kg	0.0021	R4	0.3	0.2
TSB-AR-10	TSB-AR-10-0	OCPs	Methoxychlor	72-43-5	0.00073	0.000365	mg/kg	0.0021	R4	0.3	0.2
TSB-AR-11	TSB-AR-11-0	OCPs	Methoxychlor	72-43-5	0.00073	0.000365	mg/kg	0.0021	R4	0.3	0.2
TSB-AR-11	TSB-AR-11-0(FD)	OCPs	Methoxychlor	72-43-5	0.00073	0.000365	mg/kg	0.0021	R4	0.3	0.2
TSB-AR-12	TSB-AR-12-0	OCPs	Methoxychlor	72-43-5	0.00072	0.00036	mg/kg	0.0021	R4	0.3	0.2
TSB-AR-13	TSB-AR-13-0	OCPs	Methoxychlor	72-43-5	0.00072	0.00036	mg/kg	0.0021	R4	0.3	0.2
TSB-AR-14	TSB-AR-14-0	OCPs	Methoxychlor	72-43-5	0.00073	0.000365	mg/kg	0.0021	R4	0.3	0.2
TSB-AR-3	TSB-AR-3-0	OCPs	Methoxychlor	72-43-5	0.00071	0.000355	mg/kg	0.0021	R4	0.3	0.2
TSB-AR-9	TSB-AR-9-0	OCPs	Methoxychlor	72-43-5	0.00072	0.00036	mg/kg	0.0021	R4	0.3	0.2
TSB-BJ-01	TSB-BJ-01-0	OCPs	Methoxychlor	72-43-5	0.00071	0.000355	mg/kg	0.0021	R4	0.3	0.2
TSB-BJ-02	TSB-BJ-02-0	OCPs	Methoxychlor	72-43-5	0.00072	0.00036	mg/kg	0.0021	R4	0.3	0.2
TSB-BR-02	TSB-BR-02-0	OCPs	Methoxychlor	72-43-5	0.00072	0.00036	mg/kg	0.0021	R4	0.3	0.2
TSB-BR-04	TSB-BR-04-0	OCPs	Methoxychlor	72-43-5	0.00073	0.000365	mg/kg	0.0021	R4	0.3	0.2

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-BR-04	TSB-BR-04-0(FD)	OCPs	Methoxychlor	72-43-5	0.00072	0.00036	mg/kg	0.0021	R4	0.3	0.2
TSB-BR-05	TSB-BR-05-0	OCPs	Methoxychlor	72-43-5	0.00072	0.00036	mg/kg	0.0021	R4	0.3	0.2
TSB-BR-06	TSB-BR-06-0	OCPs	Methoxychlor	72-43-5	0.00071	0.000355	mg/kg	0.0021	R4	0.3	0.2
SA24-0.5	SA24-0.5	VOCs	Methylene chloride	75-09-2	0.0058	0.0029	mg/kg	0.21	R4	0.03	0.01
SA25-0.5	SA25-0.5	VOCs	Methylene chloride	75-09-2	0.0056	0.0028	mg/kg	0.21	R4	0.03	0.01
SA26-0.5	SA26-0.5	VOCs	Methylene chloride	75-09-2	0.0054	0.0027	mg/kg	0.21	R4	0.03	0.01
SA27-0.5	SA27-0.5	VOCs	Methylene chloride	75-09-2	0.0052	0.0026	mg/kg	0.21	R4	0.02	0.01
PC-70_06	PC-70_06/23/1999	VOCs	Methylene chloride	75-09-2	0.002	0.001	mg/kg	0.21	R4	0.01	0.005
TSB-AJ-01	TSB-AJ-01-0	VOCs	Methylene chloride	75-09-2	0.0025	0.00125	mg/kg	0.21	R4	0.01	0.006
TSB-AJ-02	TSB-AJ-02-0	VOCs	Methylene chloride	75-09-2	0.0025	0.00125	mg/kg	0.21	R4	0.01	0.006
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Methylene chloride	75-09-2	0.0025	0.00125	mg/kg	0.21	R4	0.01	0.006
TSB-AJ-03	TSB-AJ-03-0	VOCs	Methylene chloride	75-09-2	0.0026	0.0013	mg/kg	0.21	R4	0.01	0.006
TSB-AR-01	TSB-AR-01-0	VOCs	Methylene chloride	75-09-2	0.0026	0.0013	mg/kg	0.21	R4	0.01	0.006
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Methylene chloride	75-09-2	0.0027	0.00135	mg/kg	0.21	R4	0.01	0.006
TSB-AR-02	TSB-AR-02-0	VOCs	Methylene chloride	75-09-2	0.0025	0.00125	mg/kg	0.21	R4	0.01	0.006
TSB-AR-04	TSB-AR-04-0	VOCs	Methylene chloride	75-09-2	0.0026	0.0013	mg/kg	0.21	R4	0.01	0.006
TSB-AR-05	TSB-AR-05-0	VOCs	Methylene chloride	75-09-2	0.0026	0.0013	mg/kg	0.21	R4	0.01	0.006
TSB-AR-06	TSB-AR-06-0	VOCs	Methylene chloride	75-09-2	0.0026	0.0013	mg/kg	0.21	R4	0.01	0.006
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Methylene chloride	75-09-2	0.0026	0.0013	mg/kg	0.21	R4	0.01	0.006
TSB-AR-07	TSB-AR-07-0	VOCs	Methylene chloride	75-09-2	0.0026	0.0013	mg/kg	0.21	R4	0.01	0.006
TSB-AR-08	TSB-AR-08-0	VOCs	Methylene chloride	75-09-2	0.0026	0.0013	mg/kg	0.21	R4	0.01	0.006
TSB-AR-10	TSB-AR-10-0	VOCs	Methylene chloride	75-09-2	0.0026	0.0013	mg/kg	0.21	R4	0.01	0.006
TSB-AR-11	TSB-AR-11-0	VOCs	Methylene chloride	75-09-2	0.0026	0.0013	mg/kg	0.21	R4	0.01	0.006
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Methylene chloride	75-09-2	0.0026	0.0013	mg/kg	0.21	R4	0.01	0.006
TSB-AR-12	TSB-AR-12-0	VOCs	Methylene chloride	75-09-2	0.0026	0.0013	mg/kg	0.21	R4	0.01	0.006
TSB-AR-13	TSB-AR-13-0	VOCs	Methylene chloride	75-09-2	0.0025	0.00125	mg/kg	0.21	R4	0.01	0.006
TSB-AR-14	TSB-AR-14-0	VOCs	Methylene chloride	75-09-2	0.0026	0.0013	mg/kg	0.21	R4	0.01	0.006
TSB-AR-3	TSB-AR-3-0	VOCs	Methylene chloride	75-09-2	0.0025	0.00125	mg/kg	0.21	R4	0.01	0.006
TSB-AR-9	TSB-AR-9-0	VOCs	Methylene chloride	75-09-2	0.0025	0.00125	mg/kg	0.21	R4	0.01	0.006
TSB-BJ-01	TSB-BJ-01-0	VOCs	Methylene chloride	75-09-2	0.0025	0.00125	mg/kg	0.21	R4	0.01	0.006
TSB-BJ-02	TSB-BJ-02-0	VOCs	Methylene chloride	75-09-2	0.0025	0.00125	mg/kg	0.21	R4	0.01	0.006
TSB-BJ-06	TSB-BJ-06-0	VOCs	Methylene chloride	75-09-2	0.0026	0.0013	mg/kg	0.21	R4	0.01	0.006
TSB-BR-02	TSB-BR-02-0	VOCs	Methylene chloride	75-09-2	0.0026	0.0013	mg/kg	0.21	R4	0.01	0.006
TSB-BR-03	TSB-BR-03-0	VOCs	Methylene chloride	75-09-2	0.0026	0.0013	mg/kg	0.21	R4	0.01	0.006
TSB-BR-04	TSB-BR-04-0	VOCs	Methylene chloride	75-09-2	0.0026	0.0013	mg/kg	0.21	R4	0.01	0.006
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Methylene chloride	75-09-2	0.0026	0.0013	mg/kg	0.21	R4	0.01	0.006
TSB-BR-05	TSB-BR-05-0	VOCs	Methylene chloride	75-09-2	0.0025	0.00125	mg/kg	0.21	R4	0.01	0.006
TSB-BR-06	TSB-BR-06-0	VOCs	Methylene chloride	75-09-2	0.0025	0.00125	mg/kg	0.21	R4	0.01	0.006
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-AR-01	TSB-AR-01-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Methylphenol, 2-	95-48-7	0.13	0.065	mg/kg	0.1	R4	1	0.7
TSB-AR-02	TSB-AR-02-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-AR-04	TSB-AR-04-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-AR-05	TSB-AR-05-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-AR-06	TSB-AR-06-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-AR-07	TSB-AR-07-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-AR-08	TSB-AR-08-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-AR-10	TSB-AR-10-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-AR-11	TSB-AR-11-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-AR-12	TSB-AR-12-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-AR-13	TSB-AR-13-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-AR-14	TSB-AR-14-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-AR-3	TSB-AR-3-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-AR-9	TSB-AR-9-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-BR-02	TSB-BR-02-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-BR-03	TSB-BR-03-0	SVOCs	Methylphenol, 2-	95-48-7	0.13	0.065	mg/kg	0.1	R4	1	0.7
TSB-BR-04	TSB-BR-04-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-BR-05	TSB-BR-05-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
TSB-BR-06	TSB-BR-06-0	SVOCs	Methylphenol, 2-	95-48-7	0.12	0.06	mg/kg	0.1	R4	1	0.6
PC-70_06	PC-70_06/23/1999	SVOCs	Methylphenol, 2-	95-48-7	0.035	0.0175	mg/kg	0.1	R4	0.4	0.2
PC-70_06	PC-70_06/23/1999	SVOCs	Methylphenol, 4-	106-44-5	0.07	0.035	mg/kg	0.08	R4	0.9	0.4
PC-70_06	PC-70_06/23/1999	SVOCs	Nitroaniline, 2-	88-74-4	0.035	0.0175	mg/kg	0.02	R4	2	0.9
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Nitroaniline, 2-	88-74-4	0.034	0.017	mg/kg	0.02	R4	2	0.9
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Nitroaniline, 2-	88-74-4	0.034	0.017	mg/kg	0.02	R4	2	0.9
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Nitroaniline, 2-	88-74-4	0.034	0.017	mg/kg	0.02	R4	2	0.9
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Nitroaniline, 2-	88-74-4	0.034	0.017	mg/kg	0.02	R4	2	0.9
TSB-AR-01	TSB-AR-01-0	SVOCs	Nitroaniline, 2-	88-74-4	0.035	0.0175	mg/kg	0.02	R4	2	0.9
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Nitroaniline, 2-	88-74-4	0.036	0.018	mg/kg	0.02	R4	2	0.9
TSB-AR-02	TSB-AR-02-0	SVOCs	Nitroaniline, 2-	88-74-4	0.034	0.017	mg/kg	0.02	R4	2	0.9
TSB-AR-04	TSB-AR-04-0	SVOCs	Nitroaniline, 2-	88-74-4	0.034	0.017	mg/kg	0.02	R4	2	0.9
TSB-AR-05	TSB-AR-05-0	SVOCs	Nitroaniline, 2-	88-74-4	0.034	0.017	mg/kg	0.02	R4	2	0.9

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-06	TSB-AR-06-0	SVOCs	Nitroaniline, 2-	88-74-4	0.034	0.017	mg/kg	0.02	R4	2	0.9
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Nitroaniline, 2-	88-74-4	0.035	0.0175	mg/kg	0.02	R4	2	0.9
TSB-AR-07	TSB-AR-07-0	SVOCs	Nitroaniline, 2-	88-74-4	0.035	0.0175	mg/kg	0.02	R4	2	0.9
TSB-AR-08	TSB-AR-08-0	SVOCs	Nitroaniline, 2-	88-74-4	0.034	0.017	mg/kg	0.02	R4	2	0.9
TSB-AR-10	TSB-AR-10-0	SVOCs	Nitroaniline, 2-	88-74-4	0.035	0.0175	mg/kg	0.02	R4	2	0.9
TSB-AR-11	TSB-AR-11-0	SVOCs	Nitroaniline, 2-	88-74-4	0.035	0.0175	mg/kg	0.02	R4	2	0.9
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Nitroaniline, 2-	88-74-4	0.034	0.017	mg/kg	0.02	R4	2	0.9
TSB-AR-12	TSB-AR-12-0	SVOCs	Nitroaniline, 2-	88-74-4	0.034	0.017	mg/kg	0.02	R4	2	0.9
TSB-AR-13	TSB-AR-13-0	SVOCs	Nitroaniline, 2-	88-74-4	0.034	0.017	mg/kg	0.02	R4	2	0.9
TSB-AR-14	TSB-AR-14-0	SVOCs	Nitroaniline, 2-	88-74-4	0.035	0.0175	mg/kg	0.02	R4	2	0.9
TSB-AR-3	TSB-AR-3-0	SVOCs	Nitroaniline, 2-	88-74-4	0.034	0.017	mg/kg	0.02	R4	2	0.9
TSB-AR-9	TSB-AR-9-0	SVOCs	Nitroaniline, 2-	88-74-4	0.034	0.017	mg/kg	0.02	R4	2	0.9
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Nitroaniline, 2-	88-74-4	0.034	0.017	mg/kg	0.02	R4	2	0.9
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Nitroaniline, 2-	88-74-4	0.034	0.017	mg/kg	0.02	R4	2	0.9
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Nitroaniline, 2-	88-74-4	0.035	0.0175	mg/kg	0.02	R4	2	0.9
TSB-BR-02	TSB-BR-02-0	SVOCs	Nitroaniline, 2-	88-74-4	0.034	0.017	mg/kg	0.02	R4	2	0.9
TSB-BR-03	TSB-BR-03-0	SVOCs	Nitroaniline, 2-	88-74-4	0.035	0.0175	mg/kg	0.02	R4	2	0.9
TSB-BR-04	TSB-BR-04-0	SVOCs	Nitroaniline, 2-	88-74-4	0.035	0.0175	mg/kg	0.02	R4	2	0.9
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Nitroaniline, 2-	88-74-4	0.034	0.017	mg/kg	0.02	R4	2	0.9
TSB-BR-05	TSB-BR-05-0	SVOCs	Nitroaniline, 2-	88-74-4	0.034	0.017	mg/kg	0.02	R4	2	0.9
TSB-BR-06	TSB-BR-06-0	SVOCs	Nitroaniline, 2-	88-74-4	0.034	0.017	mg/kg	0.02	R4	2	0.9
SA24-0.5	SA24-0.5	SVOCs	Nitrobenzene	98-95-3	0.38	0.19	mg/kg	2.2	R4	0.2	0.09
SA25-0.5	SA25-0.5	SVOCs	Nitrobenzene	98-95-3	0.37	0.185	mg/kg	2.2	R4	0.2	0.08
SA26-0.5	SA26-0.5	SVOCs	Nitrobenzene	98-95-3	0.36	0.18	mg/kg	2.2	R4	0.2	0.08
SA27-0.5	SA27-0.5	SVOCs	Nitrobenzene	98-95-3	0.35	0.175	mg/kg	2.2	R4	0.2	0.08
PC-70_06	PC-70_06/23/1999	SVOCs	Nitrobenzene	98-95-3	0.035	0.0175	mg/kg	2.2	R4	0.02	0.008
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Nitrobenzene	98-95-3	0.034	0.017	mg/kg	2.2	R4	0.02	0.008
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Nitrobenzene	98-95-3	0.034	0.017	mg/kg	2.2	R4	0.02	0.008
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Nitrobenzene	98-95-3	0.034	0.017	mg/kg	2.2	R4	0.02	0.008
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Nitrobenzene	98-95-3	0.034	0.017	mg/kg	2.2	R4	0.02	0.008
TSB-AR-01	TSB-AR-01-0	SVOCs	Nitrobenzene	98-95-3	0.035	0.0175	mg/kg	2.2	R4	0.02	0.008
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Nitrobenzene	98-95-3	0.036	0.018	mg/kg	2.2	R4	0.02	0.008
TSB-AR-02	TSB-AR-02-0	SVOCs	Nitrobenzene	98-95-3	0.034	0.017	mg/kg	2.2	R4	0.02	0.008
TSB-AR-04	TSB-AR-04-0	SVOCs	Nitrobenzene	98-95-3	0.034	0.017	mg/kg	2.2	R4	0.02	0.008
TSB-AR-05	TSB-AR-05-0	SVOCs	Nitrobenzene	98-95-3	0.034	0.017	mg/kg	2.2	R4	0.02	0.008
TSB-AR-06	TSB-AR-06-0	SVOCs	Nitrobenzene	98-95-3	0.034	0.017	mg/kg	2.2	R4	0.02	0.008
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Nitrobenzene	98-95-3	0.035	0.0175	mg/kg	2.2	R4	0.02	0.008
TSB-AR-07	TSB-AR-07-0	SVOCs	Nitrobenzene	98-95-3	0.035	0.0175	mg/kg	2.2	R4	0.02	0.008
TSB-AR-08	TSB-AR-08-0	SVOCs	Nitrobenzene	98-95-3	0.034	0.017	mg/kg	2.2	R4	0.02	0.008
TSB-AR-10	TSB-AR-10-0	SVOCs	Nitrobenzene	98-95-3	0.035	0.0175	mg/kg	2.2	R4	0.02	0.008

TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-11	TSB-AR-11-0	SVOCs	Nitrobenzene	98-95-3	0.035	0.0175	mg/kg	2.2	R4	0.02	0.008
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Nitrobenzene	98-95-3	0.034	0.017	mg/kg	2.2	R4	0.02	0.008
TSB-AR-12	TSB-AR-12-0	SVOCs	Nitrobenzene	98-95-3	0.034	0.017	mg/kg	2.2	R4	0.02	0.008
TSB-AR-13	TSB-AR-13-0	SVOCs	Nitrobenzene	98-95-3	0.034	0.017	mg/kg	2.2	R4	0.02	0.008
TSB-AR-14	TSB-AR-14-0	SVOCs	Nitrobenzene	98-95-3	0.035	0.0175	mg/kg	2.2	R4	0.02	0.008
TSB-AR-3	TSB-AR-3-0	SVOCs	Nitrobenzene	98-95-3	0.034	0.017	mg/kg	2.2	R4	0.02	0.008
TSB-AR-9	TSB-AR-9-0	SVOCs	Nitrobenzene	98-95-3	0.034	0.017	mg/kg	2.2	R4	0.02	0.008
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Nitrobenzene	98-95-3	0.034	0.017	mg/kg	2.2	R4	0.02	0.008
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Nitrobenzene	98-95-3	0.034	0.017	mg/kg	2.2	R4	0.02	0.008
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Nitrobenzene	98-95-3	0.035	0.0175	mg/kg	2.2	R4	0.02	0.008
TSB-BR-02	TSB-BR-02-0	SVOCs	Nitrobenzene	98-95-3	0.034	0.017	mg/kg	2.2	R4	0.02	0.008
TSB-BR-03	TSB-BR-03-0	SVOCs	Nitrobenzene	98-95-3	0.035	0.0175	mg/kg	2.2	R4	0.02	0.008
TSB-BR-04	TSB-BR-04-0	SVOCs	Nitrobenzene	98-95-3	0.035	0.0175	mg/kg	2.2	R4	0.02	0.008
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Nitrobenzene	98-95-3	0.034	0.017	mg/kg	2.2	R4	0.02	0.008
TSB-BR-05	TSB-BR-05-0	SVOCs	Nitrobenzene	98-95-3	0.034	0.017	mg/kg	2.2	R4	0.02	0.008
TSB-BR-06	TSB-BR-06-0	SVOCs	Nitrobenzene	98-95-3	0.034	0.017	mg/kg	2.2	R4	0.02	0.008
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03
TSB-AR-01	TSB-AR-01-0	SVOCs	Nitrophenol, 4-	100-02-7	0.35	0.175	mg/kg	5.12	R4	0.07	0.03
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Nitrophenol, 4-	100-02-7	0.35	0.175	mg/kg	5.12	R4	0.07	0.03
TSB-AR-02	TSB-AR-02-0	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03
TSB-AR-04	TSB-AR-04-0	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03
TSB-AR-05	TSB-AR-05-0	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03
TSB-AR-06	TSB-AR-06-0	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03
TSB-AR-07	TSB-AR-07-0	SVOCs	Nitrophenol, 4-	100-02-7	0.35	0.175	mg/kg	5.12	R4	0.07	0.03
TSB-AR-08	TSB-AR-08-0	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03
TSB-AR-10	TSB-AR-10-0	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03
TSB-AR-11	TSB-AR-11-0	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03
TSB-AR-12	TSB-AR-12-0	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03
TSB-AR-13	TSB-AR-13-0	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03
TSB-AR-14	TSB-AR-14-0	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03
TSB-AR-3	TSB-AR-3-0	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03
TSB-AR-9	TSB-AR-9-0	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Nitrophenol, 4-	100-02-7	0.35	0.175	mg/kg	5.12	R4	0.07	0.03
TSB-BR-02	TSB-BR-02-0	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-BR-03	TSB-BR-03-0	SVOCs	Nitrophenol, 4-	100-02-7	0.35	0.175	mg/kg	5.12	R4	0.07	0.03
TSB-BR-04	TSB-BR-04-0	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03
TSB-BR-05	TSB-BR-05-0	SVOCs	Nitrophenol, 4-	100-02-7	0.34	0.17	mg/kg	5.12	R4	0.07	0.03
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Nitrophenol, 4-	100-02-7	0.33	0.165	mg/kg	5.12	R4	0.06	0.03
TSB-BR-06	TSB-BR-06-0	SVOCs	Nitrophenol, 4-	100-02-7	0.33	0.165	mg/kg	5.12	R4	0.06	0.03
PC-70_06	PC-70_06/23/1999	SVOCs	Nitrophenol, 4-	100-02-7	0.18	0.09	mg/kg	5.12	R4	0.04	0.02
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.036	0.018	mg/kg	0.545	R4	0.07	0.03
PC-70_06	PC-70_06/23/1999	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.035	0.0175	mg/kg	0.545	R4	0.06	0.03
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.034	0.017	mg/kg	0.545	R4	0.06	0.03
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.034	0.017	mg/kg	0.545	R4	0.06	0.03
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.034	0.017	mg/kg	0.545	R4	0.06	0.03
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.034	0.017	mg/kg	0.545	R4	0.06	0.03
TSB-AR-01	TSB-AR-01-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.035	0.0175	mg/kg	0.545	R4	0.06	0.03
TSB-AR-02	TSB-AR-02-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.034	0.017	mg/kg	0.545	R4	0.06	0.03
TSB-AR-04	TSB-AR-04-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.034	0.017	mg/kg	0.545	R4	0.06	0.03
TSB-AR-05	TSB-AR-05-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.034	0.017	mg/kg	0.545	R4	0.06	0.03
TSB-AR-06	TSB-AR-06-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.034	0.017	mg/kg	0.545	R4	0.06	0.03
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.035	0.0175	mg/kg	0.545	R4	0.06	0.03
TSB-AR-07	TSB-AR-07-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.035	0.0175	mg/kg	0.545	R4	0.06	0.03
TSB-AR-08	TSB-AR-08-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.034	0.017	mg/kg	0.545	R4	0.06	0.03
TSB-AR-10	TSB-AR-10-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.035	0.0175	mg/kg	0.545	R4	0.06	0.03
TSB-AR-11	TSB-AR-11-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.035	0.0175	mg/kg	0.545	R4	0.06	0.03
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.034	0.017	mg/kg	0.545	R4	0.06	0.03
TSB-AR-12	TSB-AR-12-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.034	0.017	mg/kg	0.545	R4	0.06	0.03
TSB-AR-13	TSB-AR-13-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.034	0.017	mg/kg	0.545	R4	0.06	0.03
TSB-AR-14	TSB-AR-14-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.035	0.0175	mg/kg	0.545	R4	0.06	0.03
TSB-AR-3	TSB-AR-3-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.034	0.017	mg/kg	0.545	R4	0.06	0.03
TSB-AR-9	TSB-AR-9-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.034	0.017	mg/kg	0.545	R4	0.06	0.03
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.034	0.017	mg/kg	0.545	R4	0.06	0.03
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.034	0.017	mg/kg	0.545	R4	0.06	0.03
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.035	0.0175	mg/kg	0.545	R4	0.06	0.03
TSB-BR-02	TSB-BR-02-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.034	0.017	mg/kg	0.545	R4	0.06	0.03
TSB-BR-03	TSB-BR-03-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.035	0.0175	mg/kg	0.545	R4	0.06	0.03
TSB-BR-04	TSB-BR-04-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.035	0.0175	mg/kg	0.545	R4	0.06	0.03
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.034	0.017	mg/kg	0.545	R4	0.06	0.03
TSB-BR-05	TSB-BR-05-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.034	0.017	mg/kg	0.545	R4	0.06	0.03
TSB-BR-06	TSB-BR-06-0	SVOCs	Nitrosodiphenylamine, n-	86-30-6	0.034	0.017	mg/kg	0.545	R4	0.06	0.03
SA24-0.5	SA24-0.5	OPPs	Parathion	56-38-2	0.021	0.0105	mg/kg	0.00019	R4	100	60
SA25-0.5	SA25-0.5	OPPs	Parathion	56-38-2	0.02	0.01	mg/kg	0.00019	R4	100	50

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
SA26-0.5	SA26-0.5	OPPs	Parathion	56-38-2	0.019	0.0095	mg/kg	0.00019	R4	100	50
SA27-0.5	SA27-0.5	OPPs	Parathion	56-38-2	0.019	0.0095	mg/kg	0.00019	R4	100	50
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Pentachlorobenzene	608-93-5	0.034	0.017	mg/kg	0.5	R4	0.07	0.03
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Pentachlorobenzene	608-93-5	0.034	0.017	mg/kg	0.5	R4	0.07	0.03
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Pentachlorobenzene	608-93-5	0.034	0.017	mg/kg	0.5	R4	0.07	0.03
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Pentachlorobenzene	608-93-5	0.034	0.017	mg/kg	0.5	R4	0.07	0.03
TSB-AR-01	TSB-AR-01-0	SVOCs	Pentachlorobenzene	608-93-5	0.035	0.0175	mg/kg	0.5	R4	0.07	0.04
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Pentachlorobenzene	608-93-5	0.036	0.018	mg/kg	0.5	R4	0.07	0.04
TSB-AR-02	TSB-AR-02-0	SVOCs	Pentachlorobenzene	608-93-5	0.034	0.017	mg/kg	0.5	R4	0.07	0.03
TSB-AR-04	TSB-AR-04-0	SVOCs	Pentachlorobenzene	608-93-5	0.034	0.017	mg/kg	0.5	R4	0.07	0.03
TSB-AR-05	TSB-AR-05-0	SVOCs	Pentachlorobenzene	608-93-5	0.034	0.017	mg/kg	0.5	R4	0.07	0.03
TSB-AR-06	TSB-AR-06-0	SVOCs	Pentachlorobenzene	608-93-5	0.034	0.017	mg/kg	0.5	R4	0.07	0.03
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Pentachlorobenzene	608-93-5	0.035	0.0175	mg/kg	0.5	R4	0.07	0.04
TSB-AR-07	TSB-AR-07-0	SVOCs	Pentachlorobenzene	608-93-5	0.035	0.0175	mg/kg	0.5	R4	0.07	0.04
TSB-AR-08	TSB-AR-08-0	SVOCs	Pentachlorobenzene	608-93-5	0.034	0.017	mg/kg	0.5	R4	0.07	0.03
TSB-AR-10	TSB-AR-10-0	SVOCs	Pentachlorobenzene	608-93-5	0.035	0.0175	mg/kg	0.5	R4	0.07	0.04
TSB-AR-11	TSB-AR-11-0	SVOCs	Pentachlorobenzene	608-93-5	0.035	0.0175	mg/kg	0.5	R4	0.07	0.04
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Pentachlorobenzene	608-93-5	0.034	0.017	mg/kg	0.5	R4	0.07	0.03
TSB-AR-12	TSB-AR-12-0	SVOCs	Pentachlorobenzene	608-93-5	0.034	0.017	mg/kg	0.5	R4	0.07	0.03
TSB-AR-13	TSB-AR-13-0	SVOCs	Pentachlorobenzene	608-93-5	0.034	0.017	mg/kg	0.5	R4	0.07	0.03
TSB-AR-14	TSB-AR-14-0	SVOCs	Pentachlorobenzene	608-93-5	0.035	0.0175	mg/kg	0.5	R4	0.07	0.04
TSB-AR-3	TSB-AR-3-0	SVOCs	Pentachlorobenzene	608-93-5	0.034	0.017	mg/kg	0.5	R4	0.07	0.03
TSB-AR-9	TSB-AR-9-0	SVOCs	Pentachlorobenzene	608-93-5	0.034	0.017	mg/kg	0.5	R4	0.07	0.03
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Pentachlorobenzene	608-93-5	0.034	0.017	mg/kg	0.5	R4	0.07	0.03
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Pentachlorobenzene	608-93-5	0.034	0.017	mg/kg	0.5	R4	0.07	0.03
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Pentachlorobenzene	608-93-5	0.035	0.0175	mg/kg	0.5	R4	0.07	0.04
TSB-BR-02	TSB-BR-02-0	SVOCs	Pentachlorobenzene	608-93-5	0.034	0.017	mg/kg	0.5	R4	0.07	0.03
TSB-BR-03	TSB-BR-03-0	SVOCs	Pentachlorobenzene	608-93-5	0.035	0.0175	mg/kg	0.5	R4	0.07	0.04
TSB-BR-04	TSB-BR-04-0	SVOCs	Pentachlorobenzene	608-93-5	0.035	0.0175	mg/kg	0.5	R4	0.07	0.04
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Pentachlorobenzene	608-93-5	0.034	0.017	mg/kg	0.5	R4	0.07	0.03
TSB-BR-05	TSB-BR-05-0	SVOCs	Pentachlorobenzene	608-93-5	0.034	0.017	mg/kg	0.5	R4	0.07	0.03
TSB-BR-06	TSB-BR-06-0	SVOCs	Pentachlorobenzene	608-93-5	0.034	0.017	mg/kg	0.5	R4	0.07	0.03
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Pentachlorophenol	87-86-5	0.33	0.165	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-AR-01	TSB-AR-01-0	SVOCs	Pentachlorophenol	87-86-5	0.35	0.175	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Pentachlorophenol	87-86-5	0.35	0.175	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-AR-02	TSB-AR-02-0	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-AR-04	TSB-AR-04-0	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-05	TSB-AR-05-0	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-AR-06	TSB-AR-06-0	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-AR-07	TSB-AR-07-0	SVOCs	Pentachlorophenol	87-86-5	0.35	0.175	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-AR-08	TSB-AR-08-0	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-AR-10	TSB-AR-10-0	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-AR-11	TSB-AR-11-0	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-AR-12	TSB-AR-12-0	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-AR-13	TSB-AR-13-0	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-AR-14	TSB-AR-14-0	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-AR-3	TSB-AR-3-0	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-AR-9	TSB-AR-9-0	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Pentachlorophenol	87-86-5	0.35	0.175	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-BR-02	TSB-BR-02-0	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-BR-03	TSB-BR-03-0	SVOCs	Pentachlorophenol	87-86-5	0.35	0.175	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-BR-04	TSB-BR-04-0	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-BR-05	TSB-BR-05-0	SVOCs	Pentachlorophenol	87-86-5	0.34	0.17	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
TSB-BR-06	TSB-BR-06-0	SVOCs	Pentachlorophenol	87-86-5	0.33	0.165	mg/kg	2.1	Eco-SSL Avian	0.2	0.08
PC-70_06	PC-70_06/23/1999	SVOCs	Pentachlorophenol	87-86-5	0.18	0.09	mg/kg	2.1	Eco-SSL Avian	0.09	0.04
PC-70_06	PC-70_06/23/1999	SVOCs	Phenol	108-95-2	0.07	0.035	mg/kg	0.79	R4	0.09	0.04
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Phenol	108-95-2	0.036	0.018	mg/kg	0.79	R4	0.05	0.02
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Phenol	108-95-2	0.034	0.017	mg/kg	0.79	R4	0.04	0.02
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Phenol	108-95-2	0.034	0.017	mg/kg	0.79	R4	0.04	0.02
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Phenol	108-95-2	0.034	0.017	mg/kg	0.79	R4	0.04	0.02
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Phenol	108-95-2	0.034	0.017	mg/kg	0.79	R4	0.04	0.02
TSB-AR-01	TSB-AR-01-0	SVOCs	Phenol	108-95-2	0.035	0.0175	mg/kg	0.79	R4	0.04	0.02
TSB-AR-02	TSB-AR-02-0	SVOCs	Phenol	108-95-2	0.034	0.017	mg/kg	0.79	R4	0.04	0.02
TSB-AR-04	TSB-AR-04-0	SVOCs	Phenol	108-95-2	0.034	0.017	mg/kg	0.79	R4	0.04	0.02
TSB-AR-05	TSB-AR-05-0	SVOCs	Phenol	108-95-2	0.034	0.017	mg/kg	0.79	R4	0.04	0.02
TSB-AR-06	TSB-AR-06-0	SVOCs	Phenol	108-95-2	0.034	0.017	mg/kg	0.79	R4	0.04	0.02
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Phenol	108-95-2	0.035	0.0175	mg/kg	0.79	R4	0.04	0.02
TSB-AR-07	TSB-AR-07-0	SVOCs	Phenol	108-95-2	0.035	0.0175	mg/kg	0.79	R4	0.04	0.02
TSB-AR-08	TSB-AR-08-0	SVOCs	Phenol	108-95-2	0.034	0.017	mg/kg	0.79	R4	0.04	0.02
TSB-AR-10	TSB-AR-10-0	SVOCs	Phenol	108-95-2	0.035	0.0175	mg/kg	0.79	R4	0.04	0.02
TSB-AR-11	TSB-AR-11-0	SVOCs	Phenol	108-95-2	0.035	0.0175	mg/kg	0.79	R4	0.04	0.02
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Phenol	108-95-2	0.034	0.017	mg/kg	0.79	R4	0.04	0.02

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-12	TSB-AR-12-0	SVOCs	Phenol	108-95-2	0.034	0.017	mg/kg	0.79	R4	0.04	0.02
TSB-AR-13	TSB-AR-13-0	SVOCs	Phenol	108-95-2	0.034	0.017	mg/kg	0.79	R4	0.04	0.02
TSB-AR-14	TSB-AR-14-0	SVOCs	Phenol	108-95-2	0.035	0.0175	mg/kg	0.79	R4	0.04	0.02
TSB-AR-3	TSB-AR-3-0	SVOCs	Phenol	108-95-2	0.034	0.017	mg/kg	0.79	R4	0.04	0.02
TSB-AR-9	TSB-AR-9-0	SVOCs	Phenol	108-95-2	0.034	0.017	mg/kg	0.79	R4	0.04	0.02
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Phenol	108-95-2	0.034	0.017	mg/kg	0.79	R4	0.04	0.02
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Phenol	108-95-2	0.034	0.017	mg/kg	0.79	R4	0.04	0.02
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Phenol	108-95-2	0.035	0.0175	mg/kg	0.79	R4	0.04	0.02
TSB-BR-02	TSB-BR-02-0	SVOCs	Phenol	108-95-2	0.034	0.017	mg/kg	0.79	R4	0.04	0.02
TSB-BR-03	TSB-BR-03-0	SVOCs	Phenol	108-95-2	0.035	0.0175	mg/kg	0.79	R4	0.04	0.02
TSB-BR-04	TSB-BR-04-0	SVOCs	Phenol	108-95-2	0.035	0.0175	mg/kg	0.79	R4	0.04	0.02
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Phenol	108-95-2	0.034	0.017	mg/kg	0.79	R4	0.04	0.02
TSB-BR-05	TSB-BR-05-0	SVOCs	Phenol	108-95-2	0.034	0.017	mg/kg	0.79	R4	0.04	0.02
TSB-BR-06	TSB-BR-06-0	SVOCs	Phenol	108-95-2	0.034	0.017	mg/kg	0.79	R4	0.04	0.02
SA24-0.5	SA24-0.5	VOCs	Styrene	100-42-5	0.0058	0.0029	mg/kg	1.2	R4	0.005	0.002
SA25-0.5	SA25-0.5	VOCs	Styrene	100-42-5	0.0056	0.0028	mg/kg	1.2	R4	0.005	0.002
SA26-0.5	SA26-0.5	VOCs	Styrene	100-42-5	0.0054	0.0027	mg/kg	1.2	R4	0.005	0.002
SA27-0.5	SA27-0.5	VOCs	Styrene	100-42-5	0.0052	0.0026	mg/kg	1.2	R4	0.004	0.002
TSB-AJ-01	TSB-AJ-01-0	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-AJ-02	TSB-AJ-02-0	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-AJ-03	TSB-AJ-03-0	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-AR-01	TSB-AR-01-0	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Styrene	100-42-5	0.0013	0.00065	mg/kg	1.2	R4	0.001	0.0005
TSB-AR-02	TSB-AR-02-0	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-AR-04	TSB-AR-04-0	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-AR-05	TSB-AR-05-0	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-AR-06	TSB-AR-06-0	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-AR-07	TSB-AR-07-0	VOCs	Styrene	100-42-5	0.0013	0.00065	mg/kg	1.2	R4	0.001	0.0005
TSB-AR-08	TSB-AR-08-0	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-AR-10	TSB-AR-10-0	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-AR-11	TSB-AR-11-0	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-AR-12	TSB-AR-12-0	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-AR-13	TSB-AR-13-0	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-AR-14	TSB-AR-14-0	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-AR-3	TSB-AR-3-0	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-AR-9	TSB-AR-9-0	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-BJ-01	TSB-BJ-01-0	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-BJ-02	TSB-BJ-02-0	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-BJ-06	TSB-BJ-06-0	VOCs	Styrene	100-42-5	0.0013	0.00065	mg/kg	1.2	R4	0.001	0.0005
TSB-BR-02	TSB-BR-02-0	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-BR-03	TSB-BR-03-0	VOCs	Styrene	100-42-5	0.0013	0.00065	mg/kg	1.2	R4	0.001	0.0005
TSB-BR-04	TSB-BR-04-0	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-BR-05	TSB-BR-05-0	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
TSB-BR-06	TSB-BR-06-0	VOCs	Styrene	100-42-5	0.0012	0.0006	mg/kg	1.2	R4	0.001	0.0005
PC-70_06	PC-70_06/23/1999	VOCs	Styrene	100-42-5	0.001	0.0005	mg/kg	1.2	R4	0.0008	0.0004
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.034	0.017	mg/kg	0.18	R4	0.2	0.09
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.034	0.017	mg/kg	0.18	R4	0.2	0.09
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.034	0.017	mg/kg	0.18	R4	0.2	0.09
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.034	0.017	mg/kg	0.18	R4	0.2	0.09
TSB-AR-01	TSB-AR-01-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.035	0.0175	mg/kg	0.18	R4	0.2	0.1
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.036	0.018	mg/kg	0.18	R4	0.2	0.1
TSB-AR-02	TSB-AR-02-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.034	0.017	mg/kg	0.18	R4	0.2	0.09
TSB-AR-04	TSB-AR-04-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.034	0.017	mg/kg	0.18	R4	0.2	0.09
TSB-AR-05	TSB-AR-05-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.034	0.017	mg/kg	0.18	R4	0.2	0.09
TSB-AR-06	TSB-AR-06-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.034	0.017	mg/kg	0.18	R4	0.2	0.09
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.035	0.0175	mg/kg	0.18	R4	0.2	0.1
TSB-AR-07	TSB-AR-07-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.035	0.0175	mg/kg	0.18	R4	0.2	0.1
TSB-AR-08	TSB-AR-08-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.034	0.017	mg/kg	0.18	R4	0.2	0.09
TSB-AR-10	TSB-AR-10-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.035	0.0175	mg/kg	0.18	R4	0.2	0.1
TSB-AR-11	TSB-AR-11-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.035	0.0175	mg/kg	0.18	R4	0.2	0.1
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.034	0.017	mg/kg	0.18	R4	0.2	0.09
TSB-AR-12	TSB-AR-12-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.034	0.017	mg/kg	0.18	R4	0.2	0.09
TSB-AR-13	TSB-AR-13-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.034	0.017	mg/kg	0.18	R4	0.2	0.09
TSB-AR-14	TSB-AR-14-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.035	0.0175	mg/kg	0.18	R4	0.2	0.1
TSB-AR-3	TSB-AR-3-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.034	0.017	mg/kg	0.18	R4	0.2	0.09
TSB-AR-9	TSB-AR-9-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.034	0.017	mg/kg	0.18	R4	0.2	0.09
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.034	0.017	mg/kg	0.18	R4	0.2	0.09
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.034	0.017	mg/kg	0.18	R4	0.2	0.09
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.035	0.0175	mg/kg	0.18	R4	0.2	0.1
TSB-BR-02	TSB-BR-02-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.034	0.017	mg/kg	0.18	R4	0.2	0.09
TSB-BR-03	TSB-BR-03-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.035	0.0175	mg/kg	0.18	R4	0.2	0.1
TSB-BR-04	TSB-BR-04-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.035	0.0175	mg/kg	0.18	R4	0.2	0.1
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.034	0.017	mg/kg	0.18	R4	0.2	0.09
TSB-BR-05	TSB-BR-05-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.034	0.017	mg/kg	0.18	R4	0.2	0.09
TSB-BR-06	TSB-BR-06-0	SVOCs	Tetrachlorobenzene, 1,2,4,5--	95-94-3	0.034	0.017	mg/kg	0.18	R4	0.2	0.09
SA24-0.5	SA24-0.5	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.0058	0.0029	mg/kg	0.07	R4	0.08	0.04

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
SA25-0.5	SA25-0.5	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.0056	0.0028	mg/kg	0.07	R4	0.08	0.04
SA26-0.5	SA26-0.5	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.0054	0.0027	mg/kg	0.07	R4	0.08	0.04
SA27-0.5	SA27-0.5	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.0052	0.0026	mg/kg	0.07	R4	0.07	0.04
TSB-AJ-01	TSB-AJ-01-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-AJ-02	TSB-AJ-02-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-AJ-03	TSB-AJ-03-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-AR-01	TSB-AR-01-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00024	0.00012	mg/kg	0.07	R4	0.003	0.002
TSB-AR-02	TSB-AR-02-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-AR-04	TSB-AR-04-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-AR-05	TSB-AR-05-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-AR-06	TSB-AR-06-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-AR-07	TSB-AR-07-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00024	0.00012	mg/kg	0.07	R4	0.003	0.002
TSB-AR-08	TSB-AR-08-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-AR-10	TSB-AR-10-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-AR-11	TSB-AR-11-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-AR-12	TSB-AR-12-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-AR-13	TSB-AR-13-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-AR-14	TSB-AR-14-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-AR-3	TSB-AR-3-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-AR-9	TSB-AR-9-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-BJ-01	TSB-BJ-01-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-BJ-02	TSB-BJ-02-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-BJ-06	TSB-BJ-06-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00024	0.00012	mg/kg	0.07	R4	0.003	0.002
TSB-BR-02	TSB-BR-02-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-BR-03	TSB-BR-03-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00024	0.00012	mg/kg	0.07	R4	0.003	0.002
TSB-BR-04	TSB-BR-04-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-BR-05	TSB-BR-05-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
TSB-BR-06	TSB-BR-06-0	VOCs	Tetrachloroethane, 1,1,1,2-	630-20-6	0.00023	0.000115	mg/kg	0.07	R4	0.003	0.002
SA24-0.5	SA24-0.5	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.0058	0.0029	mg/kg	0.127	R4	0.05	0.02
SA25-0.5	SA25-0.5	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.0056	0.0028	mg/kg	0.127	R4	0.04	0.02
SA26-0.5	SA26-0.5	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.0054	0.0027	mg/kg	0.127	R4	0.04	0.02
SA27-0.5	SA27-0.5	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.0052	0.0026	mg/kg	0.127	R4	0.04	0.02
PC-70_06	PC-70_06/23/1999	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.001	0.0005	mg/kg	0.127	R4	0.008	0.004
TSB-AJ-01	TSB-AJ-01-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00014	0.00007	mg/kg	0.127	R4	0.001	0.0006
TSB-AJ-02	TSB-AJ-02-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00014	0.00007	mg/kg	0.127	R4	0.001	0.0006

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00014	0.00007	mg/kg	0.127	R4	0.001	0.0006
TSB-AJ-03	TSB-AJ-03-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00014	0.00007	mg/kg	0.127	R4	0.001	0.0006
TSB-AR-01	TSB-AR-01-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00015	0.000075	mg/kg	0.127	R4	0.001	0.0006
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00015	0.000075	mg/kg	0.127	R4	0.001	0.0006
TSB-AR-02	TSB-AR-02-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00014	0.00007	mg/kg	0.127	R4	0.001	0.0006
TSB-AR-04	TSB-AR-04-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00014	0.00007	mg/kg	0.127	R4	0.001	0.0006
TSB-AR-05	TSB-AR-05-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00014	0.00007	mg/kg	0.127	R4	0.001	0.0006
TSB-AR-06	TSB-AR-06-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00015	0.000075	mg/kg	0.127	R4	0.001	0.0006
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00015	0.000075	mg/kg	0.127	R4	0.001	0.0006
TSB-AR-07	TSB-AR-07-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00015	0.000075	mg/kg	0.127	R4	0.001	0.0006
TSB-AR-08	TSB-AR-08-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00014	0.00007	mg/kg	0.127	R4	0.001	0.0006
TSB-AR-10	TSB-AR-10-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00015	0.000075	mg/kg	0.127	R4	0.001	0.0006
TSB-AR-11	TSB-AR-11-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00015	0.000075	mg/kg	0.127	R4	0.001	0.0006
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00014	0.00007	mg/kg	0.127	R4	0.001	0.0006
TSB-AR-12	TSB-AR-12-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00014	0.00007	mg/kg	0.127	R4	0.001	0.0006
TSB-AR-13	TSB-AR-13-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00014	0.00007	mg/kg	0.127	R4	0.001	0.0006
TSB-AR-14	TSB-AR-14-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00015	0.000075	mg/kg	0.127	R4	0.001	0.0006
TSB-AR-3	TSB-AR-3-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00014	0.00007	mg/kg	0.127	R4	0.001	0.0006
TSB-AR-9	TSB-AR-9-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00014	0.00007	mg/kg	0.127	R4	0.001	0.0006
TSB-BJ-01	TSB-BJ-01-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00014	0.00007	mg/kg	0.127	R4	0.001	0.0006
TSB-BJ-02	TSB-BJ-02-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00014	0.00007	mg/kg	0.127	R4	0.001	0.0006
TSB-BJ-06	TSB-BJ-06-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00015	0.000075	mg/kg	0.127	R4	0.001	0.0006
TSB-BR-02	TSB-BR-02-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00014	0.00007	mg/kg	0.127	R4	0.001	0.0006
TSB-BR-03	TSB-BR-03-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00015	0.000075	mg/kg	0.127	R4	0.001	0.0006
TSB-BR-04	TSB-BR-04-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00015	0.000075	mg/kg	0.127	R4	0.001	0.0006
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00015	0.000075	mg/kg	0.127	R4	0.001	0.0006
TSB-BR-05	TSB-BR-05-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00014	0.00007	mg/kg	0.127	R4	0.001	0.0006
TSB-BR-06	TSB-BR-06-0	VOCs	Tetrachloroethane, 1,1,2,2-	79-34-5	0.00014	0.00007	mg/kg	0.127	R4	0.001	0.0006
SA24-0.5	SA24-0.5	VOCs	Tetrachloroethene	127-18-4	0.0058	0.0029	mg/kg	0.06	R4	0.1	0.05
SA25-0.5	SA25-0.5	VOCs	Tetrachloroethene	127-18-4	0.0056	0.0028	mg/kg	0.06	R4	0.09	0.05
SA26-0.5	SA26-0.5	VOCs	Tetrachloroethene	127-18-4	0.0054	0.0027	mg/kg	0.06	R4	0.09	0.05
SA27-0.5	SA27-0.5	VOCs	Tetrachloroethene	127-18-4	0.0052	0.0026	mg/kg	0.06	R4	0.09	0.04
PC-70_06	PC-70_06/23/1999	VOCs	Tetrachloroethene	127-18-4	0.001	0.0005	mg/kg	0.06	R4	0.02	0.008
TSB-AJ-01	TSB-AJ-01-0	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-AJ-02	TSB-AJ-02-0	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-AJ-03	TSB-AJ-03-0	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-AR-01	TSB-AR-01-0	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Tetrachloroethene	127-18-4	0.00029	0.000145	mg/kg	0.06	R4	0.005	0.002
TSB-AR-02	TSB-AR-02-0	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002

TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-04	TSB-AR-04-0	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-AR-05	TSB-AR-05-0	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-AR-06	TSB-AR-06-0	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-AR-07	TSB-AR-07-0	VOCs	Tetrachloroethene	127-18-4	0.00029	0.000145	mg/kg	0.06	R4	0.005	0.002
TSB-AR-08	TSB-AR-08-0	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-AR-10	TSB-AR-10-0	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-AR-11	TSB-AR-11-0	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-AR-12	TSB-AR-12-0	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-AR-13	TSB-AR-13-0	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-AR-14	TSB-AR-14-0	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-AR-3	TSB-AR-3-0	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-AR-9	TSB-AR-9-0	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-BJ-01	TSB-BJ-01-0	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-BJ-02	TSB-BJ-02-0	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-BJ-06	TSB-BJ-06-0	VOCs	Tetrachloroethene	127-18-4	0.00029	0.000145	mg/kg	0.06	R4	0.005	0.002
TSB-BR-02	TSB-BR-02-0	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-BR-03	TSB-BR-03-0	VOCs	Tetrachloroethene	127-18-4	0.00029	0.000145	mg/kg	0.06	R4	0.005	0.002
TSB-BR-04	TSB-BR-04-0	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-BR-05	TSB-BR-05-0	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
TSB-BR-06	TSB-BR-06-0	VOCs	Tetrachloroethene	127-18-4	0.00028	0.00014	mg/kg	0.06	R4	0.005	0.002
SA24-0.5	SA24-0.5	OCPs	Toxaphene	8001-35-2	0.058	0.029	mg/kg	0.00015	R4	400	200
SA25-0.5	SA25-0.5	OCPs	Toxaphene	8001-35-2	0.056	0.028	mg/kg	0.00015	R4	400	200
SA26-0.5	SA26-0.5	OCPs	Toxaphene	8001-35-2	0.054	0.027	mg/kg	0.00015	R4	400	200
SA27-0.5	SA27-0.5	OCPs	Toxaphene	8001-35-2	0.052	0.026	mg/kg	0.00015	R4	300	200
PC-70_06	PC-70_06/23/1999	OCPs	Toxaphene	8001-35-2	0.021	0.0105	mg/kg	0.00015	R4	100	70
TSB-AJ-01	TSB-AJ-01-0	OCPs	Toxaphene	8001-35-2	0.0073	0.00365	mg/kg	0.00015	R4	50	20
TSB-AJ-02	TSB-AJ-02-0	OCPs	Toxaphene	8001-35-2	0.0072	0.0036	mg/kg	0.00015	R4	50	20
TSB-AJ-02	TSB-AJ-02-0(FD)	OCPs	Toxaphene	8001-35-2	0.0072	0.0036	mg/kg	0.00015	R4	50	20
TSB-AJ-03	TSB-AJ-03-0	OCPs	Toxaphene	8001-35-2	0.0073	0.00365	mg/kg	0.00015	R4	50	20
TSB-AR-01	TSB-AR-01-0	OCPs	Toxaphene	8001-35-2	0.0075	0.00375	mg/kg	0.00015	R4	50	30
TSB-AR-01	TSB-AR-01-0(FD)	OCPs	Toxaphene	8001-35-2	0.0077	0.00385	mg/kg	0.00015	R4	50	30
TSB-AR-02	TSB-AR-02-0	OCPs	Toxaphene	8001-35-2	0.0073	0.00365	mg/kg	0.00015	R4	50	20
TSB-AR-04	TSB-AR-04-0	OCPs	Toxaphene	8001-35-2	0.0073	0.00365	mg/kg	0.00015	R4	50	20
TSB-AR-05	TSB-AR-05-0	OCPs	Toxaphene	8001-35-2	0.0074	0.0037	mg/kg	0.00015	R4	50	20
TSB-AR-06	TSB-AR-06-0	OCPs	Toxaphene	8001-35-2	0.0074	0.0037	mg/kg	0.00015	R4	50	20
TSB-AR-06	TSB-AR-06-0(FD)	OCPs	Toxaphene	8001-35-2	0.0075	0.00375	mg/kg	0.00015	R4	50	30
TSB-AR-07	TSB-AR-07-0	OCPs	Toxaphene	8001-35-2	0.0075	0.00375	mg/kg	0.00015	R4	50	30

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-08	TSB-AR-08-0	OCPs	Toxaphene	8001-35-2	0.0073	0.00365	mg/kg	0.00015	R4	50	20
TSB-AR-10	TSB-AR-10-0	OCPs	Toxaphene	8001-35-2	0.0074	0.0037	mg/kg	0.00015	R4	50	20
TSB-AR-11	TSB-AR-11-0	OCPs	Toxaphene	8001-35-2	0.0074	0.0037	mg/kg	0.00015	R4	50	20
TSB-AR-11	TSB-AR-11-0(FD)	OCPs	Toxaphene	8001-35-2	0.0074	0.0037	mg/kg	0.00015	R4	50	20
TSB-AR-12	TSB-AR-12-0	OCPs	Toxaphene	8001-35-2	0.0074	0.0037	mg/kg	0.00015	R4	50	20
TSB-AR-13	TSB-AR-13-0	OCPs	Toxaphene	8001-35-2	0.0073	0.00365	mg/kg	0.00015	R4	50	20
TSB-AR-14	TSB-AR-14-0	OCPs	Toxaphene	8001-35-2	0.0074	0.0037	mg/kg	0.00015	R4	50	20
TSB-AR-3	TSB-AR-3-0	OCPs	Toxaphene	8001-35-2	0.0073	0.00365	mg/kg	0.00015	R4	50	20
TSB-AR-9	TSB-AR-9-0	OCPs	Toxaphene	8001-35-2	0.0073	0.00365	mg/kg	0.00015	R4	50	20
TSB-BJ-01	TSB-BJ-01-0	OCPs	Toxaphene	8001-35-2	0.0073	0.00365	mg/kg	0.00015	R4	50	20
TSB-BJ-02	TSB-BJ-02-0	OCPs	Toxaphene	8001-35-2	0.0073	0.00365	mg/kg	0.00015	R4	50	20
TSB-BJ-06	TSB-BJ-06-0	OCPs	Toxaphene	8001-35-2	0.0075	0.00375	mg/kg	0.00015	R4	50	30
TSB-BR-02	TSB-BR-02-0	OCPs	Toxaphene	8001-35-2	0.0073	0.00365	mg/kg	0.00015	R4	50	20
TSB-BR-03	TSB-BR-03-0	OCPs	Toxaphene	8001-35-2	0.0076	0.0038	mg/kg	0.00015	R4	50	30
TSB-BR-04	TSB-BR-04-0	OCPs	Toxaphene	8001-35-2	0.0074	0.0037	mg/kg	0.00015	R4	50	20
TSB-BR-04	TSB-BR-04-0(FD)	OCPs	Toxaphene	8001-35-2	0.0074	0.0037	mg/kg	0.00015	R4	50	20
TSB-BR-05	TSB-BR-05-0	OCPs	Toxaphene	8001-35-2	0.0073	0.00365	mg/kg	0.00015	R4	50	20
TSB-BR-06	TSB-BR-06-0	OCPs	Toxaphene	8001-35-2	0.0072	0.0036	mg/kg	0.00015	R4	50	20
PC-70_06	PC-70_06/23/1999	OCPs	TP, 2,4,5-	93-72-1	0.001	0.0005	mg/kg	0.055	R4	0.02	0.009
SA24-0.5	SA24-0.5	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.0058	0.0029	mg/kg	20	R4	0.0003	0.0001
SA25-0.5	SA25-0.5	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.0056	0.0028	mg/kg	20	R4	0.0003	0.0001
SA26-0.5	SA26-0.5	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.0054	0.0027	mg/kg	20	R4	0.0003	0.0001
SA27-0.5	SA27-0.5	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.0052	0.0026	mg/kg	20	R4	0.0003	0.0001
TSB-AJ-01	TSB-AJ-01-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.00079	0.000395	mg/kg	20	R4	0.00004	0.00002
TSB-AJ-02	TSB-AJ-02-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.00079	0.000395	mg/kg	20	R4	0.00004	0.00002
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.00079	0.000395	mg/kg	20	R4	0.00004	0.00002
TSB-AJ-03	TSB-AJ-03-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.0008	0.0004	mg/kg	20	R4	0.00004	0.00002
TSB-AR-01	TSB-AR-01-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.00081	0.000405	mg/kg	20	R4	0.00004	0.00002
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.00083	0.000415	mg/kg	20	R4	0.00004	0.00002
TSB-AR-02	TSB-AR-02-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.00079	0.000395	mg/kg	20	R4	0.00004	0.00002
TSB-AR-04	TSB-AR-04-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.0008	0.0004	mg/kg	20	R4	0.00004	0.00002
TSB-AR-05	TSB-AR-05-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.0008	0.0004	mg/kg	20	R4	0.00004	0.00002
TSB-AR-06	TSB-AR-06-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.00081	0.000405	mg/kg	20	R4	0.00004	0.00002
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.00081	0.000405	mg/kg	20	R4	0.00004	0.00002
TSB-AR-07	TSB-AR-07-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.00082	0.00041	mg/kg	20	R4	0.00004	0.00002
TSB-AR-08	TSB-AR-08-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.0008	0.0004	mg/kg	20	R4	0.00004	0.00002
TSB-AR-10	TSB-AR-10-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.00081	0.000405	mg/kg	20	R4	0.00004	0.00002
TSB-AR-11	TSB-AR-11-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.00081	0.000405	mg/kg	20	R4	0.00004	0.00002
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.0008	0.0004	mg/kg	20	R4	0.00004	0.00002
TSB-AR-12	TSB-AR-12-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.00079	0.000395	mg/kg	20	R4	0.00004	0.00002

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-13	TSB-AR-13-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.00079	0.000395	mg/kg	20	R4	0.00004	0.00002
TSB-AR-14	TSB-AR-14-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.0008	0.0004	mg/kg	20	R4	0.00004	0.00002
TSB-AR-3	TSB-AR-3-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.00078	0.00039	mg/kg	20	R4	0.00004	0.00002
TSB-AR-9	TSB-AR-9-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.00079	0.000395	mg/kg	20	R4	0.00004	0.00002
TSB-BJ-01	TSB-BJ-01-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.00079	0.000395	mg/kg	20	R4	0.00004	0.00002
TSB-BJ-02	TSB-BJ-02-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.00079	0.000395	mg/kg	20	R4	0.00004	0.00002
TSB-BJ-06	TSB-BJ-06-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.00082	0.00041	mg/kg	20	R4	0.00004	0.00002
TSB-BR-02	TSB-BR-02-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.0008	0.0004	mg/kg	20	R4	0.00004	0.00002
TSB-BR-03	TSB-BR-03-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.00082	0.00041	mg/kg	20	R4	0.00004	0.00002
TSB-BR-04	TSB-BR-04-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.00081	0.000405	mg/kg	20	R4	0.00004	0.00002
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.0008	0.0004	mg/kg	20	R4	0.00004	0.00002
TSB-BR-05	TSB-BR-05-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.00079	0.000395	mg/kg	20	R4	0.00004	0.00002
TSB-BR-06	TSB-BR-06-0	VOCs	Trichlorobenzene, 1,2,3-	87-61-6	0.00079	0.000395	mg/kg	20	R4	0.00004	0.00002
PC-70_06	PC-70_06/23/1999	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.035	0.0175	mg/kg	0.27	R4	0.1	0.06
SA24-0.5	SA24-0.5	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.0058	0.0029	mg/kg	0.27	R4	0.02	0.01
SA25-0.5	SA25-0.5	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.0056	0.0028	mg/kg	0.27	R4	0.02	0.01
SA26-0.5	SA26-0.5	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.0054	0.0027	mg/kg	0.27	R4	0.02	0.01
SA27-0.5	SA27-0.5	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.0052	0.0026	mg/kg	0.27	R4	0.02	0.01
TSB-AJ-01	TSB-AJ-01-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00074	0.00037	mg/kg	0.27	R4	0.003	0.001
TSB-AJ-02	TSB-AJ-02-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00074	0.00037	mg/kg	0.27	R4	0.003	0.001
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00074	0.00037	mg/kg	0.27	R4	0.003	0.001
TSB-AJ-03	TSB-AJ-03-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00075	0.000375	mg/kg	0.27	R4	0.003	0.001
TSB-AR-01	TSB-AR-01-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00076	0.00038	mg/kg	0.27	R4	0.003	0.001
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00078	0.00039	mg/kg	0.27	R4	0.003	0.001
TSB-AR-02	TSB-AR-02-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00075	0.000375	mg/kg	0.27	R4	0.003	0.001
TSB-AR-04	TSB-AR-04-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00075	0.000375	mg/kg	0.27	R4	0.003	0.001
TSB-AR-05	TSB-AR-05-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00075	0.000375	mg/kg	0.27	R4	0.003	0.001
TSB-AR-06	TSB-AR-06-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00076	0.00038	mg/kg	0.27	R4	0.003	0.001
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00076	0.00038	mg/kg	0.27	R4	0.003	0.001
TSB-AR-07	TSB-AR-07-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00077	0.000385	mg/kg	0.27	R4	0.003	0.001
TSB-AR-08	TSB-AR-08-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00075	0.000375	mg/kg	0.27	R4	0.003	0.001
TSB-AR-10	TSB-AR-10-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00076	0.00038	mg/kg	0.27	R4	0.003	0.001
TSB-AR-11	TSB-AR-11-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00076	0.00038	mg/kg	0.27	R4	0.003	0.001
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00075	0.000375	mg/kg	0.27	R4	0.003	0.001
TSB-AR-12	TSB-AR-12-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00075	0.000375	mg/kg	0.27	R4	0.003	0.001
TSB-AR-13	TSB-AR-13-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00074	0.00037	mg/kg	0.27	R4	0.003	0.001
TSB-AR-14	TSB-AR-14-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00076	0.00038	mg/kg	0.27	R4	0.003	0.001
TSB-AR-3	TSB-AR-3-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00074	0.00037	mg/kg	0.27	R4	0.003	0.001
TSB-AR-9	TSB-AR-9-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00075	0.000375	mg/kg	0.27	R4	0.003	0.001
TSB-BJ-01	TSB-BJ-01-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00075	0.000375	mg/kg	0.27	R4	0.003	0.001

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-BJ-02	TSB-BJ-02-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00075	0.000375	mg/kg	0.27	R4	0.003	0.001
TSB-BJ-06	TSB-BJ-06-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00077	0.000385	mg/kg	0.27	R4	0.003	0.001
TSB-BR-02	TSB-BR-02-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00075	0.000375	mg/kg	0.27	R4	0.003	0.001
TSB-BR-03	TSB-BR-03-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00078	0.00039	mg/kg	0.27	R4	0.003	0.001
TSB-BR-04	TSB-BR-04-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00076	0.00038	mg/kg	0.27	R4	0.003	0.001
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00076	0.00038	mg/kg	0.27	R4	0.003	0.001
TSB-BR-05	TSB-BR-05-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00075	0.000375	mg/kg	0.27	R4	0.003	0.001
TSB-BR-06	TSB-BR-06-0	VOCs	Trichlorobenzene, 1,2,4-	120-82-1	0.00074	0.00037	mg/kg	0.27	R4	0.003	0.001
TSB-AJ-01	TSB-AJ-01-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.00069	0.000345	mg/kg	0.07	R4	0.01	0.005
TSB-AJ-02	TSB-AJ-02-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.00069	0.000345	mg/kg	0.07	R4	0.01	0.005
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.00069	0.000345	mg/kg	0.07	R4	0.01	0.005
TSB-AJ-03	TSB-AJ-03-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.00069	0.000345	mg/kg	0.07	R4	0.01	0.005
TSB-AR-01	TSB-AR-01-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.0007	0.00035	mg/kg	0.07	R4	0.01	0.005
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.00072	0.00036	mg/kg	0.07	R4	0.01	0.005
TSB-AR-02	TSB-AR-02-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.00069	0.000345	mg/kg	0.07	R4	0.01	0.005
TSB-AR-04	TSB-AR-04-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.0007	0.00035	mg/kg	0.07	R4	0.01	0.005
TSB-AR-05	TSB-AR-05-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.00069	0.000345	mg/kg	0.07	R4	0.01	0.005
TSB-AR-06	TSB-AR-06-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.0007	0.00035	mg/kg	0.07	R4	0.01	0.005
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.0007	0.00035	mg/kg	0.07	R4	0.01	0.005
TSB-AR-07	TSB-AR-07-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.00071	0.000355	mg/kg	0.07	R4	0.01	0.005
TSB-AR-08	TSB-AR-08-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.00069	0.000345	mg/kg	0.07	R4	0.01	0.005
TSB-AR-10	TSB-AR-10-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.0007	0.00035	mg/kg	0.07	R4	0.01	0.005
TSB-AR-11	TSB-AR-11-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.0007	0.00035	mg/kg	0.07	R4	0.01	0.005
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.00069	0.000345	mg/kg	0.07	R4	0.01	0.005
TSB-AR-12	TSB-AR-12-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.00069	0.000345	mg/kg	0.07	R4	0.01	0.005
TSB-AR-13	TSB-AR-13-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.00069	0.000345	mg/kg	0.07	R4	0.01	0.005
TSB-AR-14	TSB-AR-14-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.0007	0.00035	mg/kg	0.07	R4	0.01	0.005
TSB-AR-3	TSB-AR-3-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.00068	0.00034	mg/kg	0.07	R4	0.01	0.005
TSB-AR-9	TSB-AR-9-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.00069	0.000345	mg/kg	0.07	R4	0.01	0.005
TSB-BJ-01	TSB-BJ-01-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.00069	0.000345	mg/kg	0.07	R4	0.01	0.005
TSB-BJ-02	TSB-BJ-02-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.00069	0.000345	mg/kg	0.07	R4	0.01	0.005
TSB-BJ-06	TSB-BJ-06-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.00071	0.000355	mg/kg	0.07	R4	0.01	0.005
TSB-BR-02	TSB-BR-02-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.00069	0.000345	mg/kg	0.07	R4	0.01	0.005
TSB-BR-03	TSB-BR-03-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.00072	0.00036	mg/kg	0.07	R4	0.01	0.005
TSB-BR-04	TSB-BR-04-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.0007	0.00035	mg/kg	0.07	R4	0.01	0.005
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.0007	0.00035	mg/kg	0.07	R4	0.01	0.005
TSB-BR-05	TSB-BR-05-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.00069	0.000345	mg/kg	0.07	R4	0.01	0.005
TSB-BR-06	TSB-BR-06-0	VOCs	Trichlorobenzene, 1,3,5-	108-70-3	0.00069	0.000345	mg/kg	0.07	R4	0.01	0.005
SA24-0.5	SA24-0.5	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.0058	0.0029	mg/kg	0.04	R4	0.1	0.07
SA25-0.5	SA25-0.5	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.0056	0.0028	mg/kg	0.04	R4	0.1	0.07

TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
SA26-0.5	SA26-0.5	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.0054	0.0027	mg/kg	0.04	R4	0.1	0.07
SA27-0.5	SA27-0.5	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.0052	0.0026	mg/kg	0.04	R4	0.1	0.07
PC-70_06	PC-70_06/23/1999	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.001	0.0005	mg/kg	0.04	R4	0.03	0.01
TSB-AJ-01	TSB-AJ-01-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-AJ-02	TSB-AJ-02-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-AJ-03	TSB-AJ-03-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-AR-01	TSB-AR-01-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00016	0.00008	mg/kg	0.04	R4	0.004	0.002
TSB-AR-02	TSB-AR-02-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-AR-04	TSB-AR-04-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-AR-05	TSB-AR-05-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-AR-06	TSB-AR-06-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-AR-07	TSB-AR-07-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-AR-08	TSB-AR-08-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-AR-10	TSB-AR-10-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-AR-11	TSB-AR-11-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-AR-12	TSB-AR-12-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-AR-13	TSB-AR-13-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-AR-14	TSB-AR-14-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-AR-3	TSB-AR-3-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-AR-9	TSB-AR-9-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-BJ-01	TSB-BJ-01-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-BJ-02	TSB-BJ-02-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-BJ-06	TSB-BJ-06-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-BR-02	TSB-BR-02-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-BR-03	TSB-BR-03-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-BR-04	TSB-BR-04-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-BR-05	TSB-BR-05-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
TSB-BR-06	TSB-BR-06-0	VOCs	Trichloroethane, 1,1,1-	71-55-6	0.00015	0.000075	mg/kg	0.04	R4	0.004	0.002
SA24-0.5	SA24-0.5	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.0058	0.0029	mg/kg	0.32	R4	0.02	0.009
SA25-0.5	SA25-0.5	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.0056	0.0028	mg/kg	0.32	R4	0.02	0.009
SA26-0.5	SA26-0.5	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.0054	0.0027	mg/kg	0.32	R4	0.02	0.008
SA27-0.5	SA27-0.5	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.0052	0.0026	mg/kg	0.32	R4	0.02	0.008
PC-70_06	PC-70_06/23/1999	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.002	0.001	mg/kg	0.32	R4	0.006	0.003
TSB-AJ-01	TSB-AJ-01-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-AJ-02	TSB-AJ-02-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-AJ-03	TSB-AJ-03-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-AR-01	TSB-AR-01-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.0003	0.00015	mg/kg	0.32	R4	0.0009	0.0005
TSB-AR-02	TSB-AR-02-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-AR-04	TSB-AR-04-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-AR-05	TSB-AR-05-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-AR-06	TSB-AR-06-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-AR-07	TSB-AR-07-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.0003	0.00015	mg/kg	0.32	R4	0.0009	0.0005
TSB-AR-08	TSB-AR-08-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-AR-10	TSB-AR-10-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-AR-11	TSB-AR-11-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-AR-12	TSB-AR-12-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-AR-13	TSB-AR-13-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-AR-14	TSB-AR-14-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-AR-3	TSB-AR-3-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00028	0.00014	mg/kg	0.32	R4	0.0009	0.0004
TSB-AR-9	TSB-AR-9-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-BJ-01	TSB-BJ-01-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-BJ-02	TSB-BJ-02-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-BJ-06	TSB-BJ-06-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.0003	0.00015	mg/kg	0.32	R4	0.0009	0.0005
TSB-BR-02	TSB-BR-02-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-BR-03	TSB-BR-03-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.0003	0.00015	mg/kg	0.32	R4	0.0009	0.0005
TSB-BR-04	TSB-BR-04-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-BR-05	TSB-BR-05-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
TSB-BR-06	TSB-BR-06-0	VOCs	Trichloroethane, 1,1,2-	79-00-5	0.00029	0.000145	mg/kg	0.32	R4	0.0009	0.0005
SA24-0.5	SA24-0.5	VOCs	Trichloroethene	79-01-6	0.0058	0.0029	mg/kg	0.06	R4	0.1	0.05
SA25-0.5	SA25-0.5	VOCs	Trichloroethene	79-01-6	0.0056	0.0028	mg/kg	0.06	R4	0.09	0.05
SA26-0.5	SA26-0.5	VOCs	Trichloroethene	79-01-6	0.0054	0.0027	mg/kg	0.06	R4	0.09	0.05
SA27-0.5	SA27-0.5	VOCs	Trichloroethene	79-01-6	0.0052	0.0026	mg/kg	0.06	R4	0.09	0.04
PC-70_06	PC-70_06/23/1999	VOCs	Trichloroethene	79-01-6	0.001	0.0005	mg/kg	0.06	R4	0.02	0.008
TSB-AJ-01	TSB-AJ-01-0	VOCs	Trichloroethene	79-01-6	0.00036	0.00018	mg/kg	0.06	R4	0.006	0.003
TSB-AJ-02	TSB-AJ-02-0	VOCs	Trichloroethene	79-01-6	0.00036	0.00018	mg/kg	0.06	R4	0.006	0.003
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Trichloroethene	79-01-6	0.00036	0.00018	mg/kg	0.06	R4	0.006	0.003
TSB-AJ-03	TSB-AJ-03-0	VOCs	Trichloroethene	79-01-6	0.00037	0.000185	mg/kg	0.06	R4	0.006	0.003
TSB-AR-01	TSB-AR-01-0	VOCs	Trichloroethene	79-01-6	0.00037	0.000185	mg/kg	0.06	R4	0.006	0.003
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Trichloroethene	79-01-6	0.00038	0.00019	mg/kg	0.06	R4	0.006	0.003
TSB-AR-02	TSB-AR-02-0	VOCs	Trichloroethene	79-01-6	0.00036	0.00018	mg/kg	0.06	R4	0.006	0.003

TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-04	TSB-AR-04-0	VOCs	Trichloroethene	79-01-6	0.00037	0.000185	mg/kg	0.06	R4	0.006	0.003
TSB-AR-05	TSB-AR-05-0	VOCs	Trichloroethene	79-01-6	0.00037	0.000185	mg/kg	0.06	R4	0.006	0.003
TSB-AR-06	TSB-AR-06-0	VOCs	Trichloroethene	79-01-6	0.00037	0.000185	mg/kg	0.06	R4	0.006	0.003
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Trichloroethene	79-01-6	0.00037	0.000185	mg/kg	0.06	R4	0.006	0.003
TSB-AR-07	TSB-AR-07-0	VOCs	Trichloroethene	79-01-6	0.00038	0.00019	mg/kg	0.06	R4	0.006	0.003
TSB-AR-08	TSB-AR-08-0	VOCs	Trichloroethene	79-01-6	0.00037	0.000185	mg/kg	0.06	R4	0.006	0.003
TSB-AR-10	TSB-AR-10-0	VOCs	Trichloroethene	79-01-6	0.00037	0.000185	mg/kg	0.06	R4	0.006	0.003
TSB-AR-11	TSB-AR-11-0	VOCs	Trichloroethene	79-01-6	0.00037	0.000185	mg/kg	0.06	R4	0.006	0.003
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Trichloroethene	79-01-6	0.00037	0.000185	mg/kg	0.06	R4	0.006	0.003
TSB-AR-12	TSB-AR-12-0	VOCs	Trichloroethene	79-01-6	0.00037	0.000185	mg/kg	0.06	R4	0.006	0.003
TSB-AR-13	TSB-AR-13-0	VOCs	Trichloroethene	79-01-6	0.00036	0.00018	mg/kg	0.06	R4	0.006	0.003
TSB-AR-14	TSB-AR-14-0	VOCs	Trichloroethene	79-01-6	0.00037	0.000185	mg/kg	0.06	R4	0.006	0.003
TSB-AR-3	TSB-AR-3-0	VOCs	Trichloroethene	79-01-6	0.00036	0.00018	mg/kg	0.06	R4	0.006	0.003
TSB-AR-9	TSB-AR-9-0	VOCs	Trichloroethene	79-01-6	0.00036	0.00018	mg/kg	0.06	R4	0.006	0.003
TSB-BJ-01	TSB-BJ-01-0	VOCs	Trichloroethene	79-01-6	0.00036	0.00018	mg/kg	0.06	R4	0.006	0.003
TSB-BJ-02	TSB-BJ-02-0	VOCs	Trichloroethene	79-01-6	0.00036	0.00018	mg/kg	0.06	R4	0.006	0.003
TSB-BJ-06	TSB-BJ-06-0	VOCs	Trichloroethene	79-01-6	0.00038	0.00019	mg/kg	0.06	R4	0.006	0.003
TSB-BR-02	TSB-BR-02-0	VOCs	Trichloroethene	79-01-6	0.00037	0.000185	mg/kg	0.06	R4	0.006	0.003
TSB-BR-03	TSB-BR-03-0	VOCs	Trichloroethene	79-01-6	0.00038	0.00019	mg/kg	0.06	R4	0.006	0.003
TSB-BR-04	TSB-BR-04-0	VOCs	Trichloroethene	79-01-6	0.00037	0.000185	mg/kg	0.06	R4	0.006	0.003
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Trichloroethene	79-01-6	0.00037	0.000185	mg/kg	0.06	R4	0.006	0.003
TSB-BR-05	TSB-BR-05-0	VOCs	Trichloroethene	79-01-6	0.00036	0.00018	mg/kg	0.06	R4	0.006	0.003
TSB-BR-06	TSB-BR-06-0	VOCs	Trichloroethene	79-01-6	0.00036	0.00018	mg/kg	0.06	R4	0.006	0.003
SA24-0.5	SA24-0.5	VOCs	Trichlorofluoromethane	75-69-4	0.0058	0.0029	mg/kg	16.4	R4	0.0004	0.0002
SA25-0.5	SA25-0.5	VOCs	Trichlorofluoromethane	75-69-4	0.0056	0.0028	mg/kg	16.4	R4	0.0003	0.0002
SA26-0.5	SA26-0.5	VOCs	Trichlorofluoromethane	75-69-4	0.0054	0.0027	mg/kg	16.4	R4	0.0003	0.0002
SA27-0.5	SA27-0.5	VOCs	Trichlorofluoromethane	75-69-4	0.0052	0.0026	mg/kg	16.4	R4	0.0003	0.0002
TSB-AJ-01	TSB-AJ-01-0	VOCs	Trichlorofluoromethane	75-69-4	0.00051	0.000255	mg/kg	16.4	R4	0.00003	0.00002
TSB-AJ-02	TSB-AJ-02-0	VOCs	Trichlorofluoromethane	75-69-4	0.00051	0.000255	mg/kg	16.4	R4	0.00003	0.00002
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Trichlorofluoromethane	75-69-4	0.00051	0.000255	mg/kg	16.4	R4	0.00003	0.00002
TSB-AJ-03	TSB-AJ-03-0	VOCs	Trichlorofluoromethane	75-69-4	0.00051	0.000255	mg/kg	16.4	R4	0.00003	0.00002
TSB-AR-01	TSB-AR-01-0	VOCs	Trichlorofluoromethane	75-69-4	0.00052	0.00026	mg/kg	16.4	R4	0.00003	0.00002
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Trichlorofluoromethane	75-69-4	0.00053	0.000265	mg/kg	16.4	R4	0.00003	0.00002
TSB-AR-02	TSB-AR-02-0	VOCs	Trichlorofluoromethane	75-69-4	0.00051	0.000255	mg/kg	16.4	R4	0.00003	0.00002
TSB-AR-04	TSB-AR-04-0	VOCs	Trichlorofluoromethane	75-69-4	0.00052	0.00026	mg/kg	16.4	R4	0.00003	0.00002
TSB-AR-05	TSB-AR-05-0	VOCs	Trichlorofluoromethane	75-69-4	0.00051	0.000255	mg/kg	16.4	R4	0.00003	0.00002
TSB-AR-06	TSB-AR-06-0	VOCs	Trichlorofluoromethane	75-69-4	0.00052	0.00026	mg/kg	16.4	R4	0.00003	0.00002
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Trichlorofluoromethane	75-69-4	0.00052	0.00026	mg/kg	16.4	R4	0.00003	0.00002
TSB-AR-07	TSB-AR-07-0	VOCs	Trichlorofluoromethane	75-69-4	0.00053	0.000265	mg/kg	16.4	R4	0.00003	0.00002
TSB-AR-08	TSB-AR-08-0	VOCs	Trichlorofluoromethane	75-69-4	0.00052	0.00026	mg/kg	16.4	R4	0.00003	0.00002

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-10	TSB-AR-10-0	VOCs	Trichlorofluoromethane	75-69-4	0.00052	0.00026	mg/kg	16.4	R4	0.00003	0.00002
TSB-AR-11	TSB-AR-11-0	VOCs	Trichlorofluoromethane	75-69-4	0.00052	0.00026	mg/kg	16.4	R4	0.00003	0.00002
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Trichlorofluoromethane	75-69-4	0.00052	0.00026	mg/kg	16.4	R4	0.00003	0.00002
TSB-AR-12	TSB-AR-12-0	VOCs	Trichlorofluoromethane	75-69-4	0.00051	0.000255	mg/kg	16.4	R4	0.00003	0.00002
TSB-AR-13	TSB-AR-13-0	VOCs	Trichlorofluoromethane	75-69-4	0.00051	0.000255	mg/kg	16.4	R4	0.00003	0.00002
TSB-AR-14	TSB-AR-14-0	VOCs	Trichlorofluoromethane	75-69-4	0.00052	0.00026	mg/kg	16.4	R4	0.00003	0.00002
TSB-AR-3	TSB-AR-3-0	VOCs	Trichlorofluoromethane	75-69-4	0.00051	0.000255	mg/kg	16.4	R4	0.00003	0.00002
TSB-AR-9	TSB-AR-9-0	VOCs	Trichlorofluoromethane	75-69-4	0.00051	0.000255	mg/kg	16.4	R4	0.00003	0.00002
TSB-BJ-01	TSB-BJ-01-0	VOCs	Trichlorofluoromethane	75-69-4	0.00051	0.000255	mg/kg	16.4	R4	0.00003	0.00002
TSB-BJ-02	TSB-BJ-02-0	VOCs	Trichlorofluoromethane	75-69-4	0.00051	0.000255	mg/kg	16.4	R4	0.00003	0.00002
TSB-BJ-06	TSB-BJ-06-0	VOCs	Trichlorofluoromethane	75-69-4	0.00053	0.000265	mg/kg	16.4	R4	0.00003	0.00002
TSB-BR-02	TSB-BR-02-0	VOCs	Trichlorofluoromethane	75-69-4	0.00051	0.000255	mg/kg	16.4	R4	0.00003	0.00002
TSB-BR-03	TSB-BR-03-0	VOCs	Trichlorofluoromethane	75-69-4	0.00053	0.000265	mg/kg	16.4	R4	0.00003	0.00002
TSB-BR-04	TSB-BR-04-0	VOCs	Trichlorofluoromethane	75-69-4	0.00052	0.00026	mg/kg	16.4	R4	0.00003	0.00002
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Trichlorofluoromethane	75-69-4	0.00052	0.00026	mg/kg	16.4	R4	0.00003	0.00002
TSB-BR-05	TSB-BR-05-0	VOCs	Trichlorofluoromethane	75-69-4	0.00051	0.000255	mg/kg	16.4	R4	0.00003	0.00002
TSB-BR-06	TSB-BR-06-0	VOCs	Trichlorofluoromethane	75-69-4	0.00051	0.000255	mg/kg	16.4	R4	0.00003	0.00002
PC-70_06	PC-70_06/23/1999	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.07	0.035	mg/kg	4	R4	0.02	0.009
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AR-01	TSB-AR-01-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.035	0.0175	mg/kg	4	R4	0.009	0.004
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.036	0.018	mg/kg	4	R4	0.009	0.005
TSB-AR-02	TSB-AR-02-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AR-04	TSB-AR-04-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AR-05	TSB-AR-05-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AR-06	TSB-AR-06-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.035	0.0175	mg/kg	4	R4	0.009	0.004
TSB-AR-07	TSB-AR-07-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.035	0.0175	mg/kg	4	R4	0.009	0.004
TSB-AR-08	TSB-AR-08-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AR-10	TSB-AR-10-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.035	0.0175	mg/kg	4	R4	0.009	0.004
TSB-AR-11	TSB-AR-11-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.035	0.0175	mg/kg	4	R4	0.009	0.004
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AR-12	TSB-AR-12-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AR-13	TSB-AR-13-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AR-14	TSB-AR-14-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.035	0.0175	mg/kg	4	R4	0.009	0.004
TSB-AR-3	TSB-AR-3-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-AR-9	TSB-AR-9-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.034	0.017	mg/kg	4	R4	0.009	0.004

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.035	0.0175	mg/kg	4	R4	0.009	0.004
TSB-BR-02	TSB-BR-02-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-BR-03	TSB-BR-03-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.035	0.0175	mg/kg	4	R4	0.009	0.004
TSB-BR-04	TSB-BR-04-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.035	0.0175	mg/kg	4	R4	0.009	0.004
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-BR-05	TSB-BR-05-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.034	0.017	mg/kg	4	R4	0.009	0.004
TSB-BR-06	TSB-BR-06-0	SVOCs	Trichlorophenol, 2,4,5-	95-95-4	0.034	0.017	mg/kg	4	R4	0.009	0.004
PC-70_06	PC-70_06/23/1999	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.07	0.035	mg/kg	9.94	R4	0.007	0.004
TSB-AR-01	TSB-AR-01-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.035	0.0175	mg/kg	9.94	R4	0.004	0.002
TSB-AR-01	TSB-AR-01-0(FD)	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.036	0.018	mg/kg	9.94	R4	0.004	0.002
TSB-AR-06	TSB-AR-06-0(FD)	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.035	0.0175	mg/kg	9.94	R4	0.004	0.002
TSB-AR-07	TSB-AR-07-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.035	0.0175	mg/kg	9.94	R4	0.004	0.002
TSB-AR-10	TSB-AR-10-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.035	0.0175	mg/kg	9.94	R4	0.004	0.002
TSB-AR-11	TSB-AR-11-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.035	0.0175	mg/kg	9.94	R4	0.004	0.002
TSB-AR-14	TSB-AR-14-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.035	0.0175	mg/kg	9.94	R4	0.004	0.002
TSB-BJ-06	TSB-BJ-06-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.035	0.0175	mg/kg	9.94	R4	0.004	0.002
TSB-BR-03	TSB-BR-03-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.035	0.0175	mg/kg	9.94	R4	0.004	0.002
TSB-BR-04	TSB-BR-04-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.035	0.0175	mg/kg	9.94	R4	0.004	0.002
TSB-AJ-01	TSB-AJ-01-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.034	0.017	mg/kg	9.94	R4	0.003	0.002
TSB-AJ-02	TSB-AJ-02-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.034	0.017	mg/kg	9.94	R4	0.003	0.002
TSB-AJ-02	TSB-AJ-02-0(FD)	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.034	0.017	mg/kg	9.94	R4	0.003	0.002
TSB-AJ-03	TSB-AJ-03-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.034	0.017	mg/kg	9.94	R4	0.003	0.002
TSB-AR-02	TSB-AR-02-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.034	0.017	mg/kg	9.94	R4	0.003	0.002
TSB-AR-04	TSB-AR-04-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.034	0.017	mg/kg	9.94	R4	0.003	0.002
TSB-AR-05	TSB-AR-05-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.034	0.017	mg/kg	9.94	R4	0.003	0.002
TSB-AR-06	TSB-AR-06-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.034	0.017	mg/kg	9.94	R4	0.003	0.002
TSB-AR-08	TSB-AR-08-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.034	0.017	mg/kg	9.94	R4	0.003	0.002
TSB-AR-11	TSB-AR-11-0(FD)	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.034	0.017	mg/kg	9.94	R4	0.003	0.002
TSB-AR-12	TSB-AR-12-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.034	0.017	mg/kg	9.94	R4	0.003	0.002
TSB-AR-13	TSB-AR-13-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.034	0.017	mg/kg	9.94	R4	0.003	0.002
TSB-AR-3	TSB-AR-3-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.034	0.017	mg/kg	9.94	R4	0.003	0.002
TSB-AR-9	TSB-AR-9-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.034	0.017	mg/kg	9.94	R4	0.003	0.002
TSB-BJ-01	TSB-BJ-01-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.034	0.017	mg/kg	9.94	R4	0.003	0.002
TSB-BJ-02	TSB-BJ-02-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.034	0.017	mg/kg	9.94	R4	0.003	0.002
TSB-BR-02	TSB-BR-02-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.034	0.017	mg/kg	9.94	R4	0.003	0.002
TSB-BR-04	TSB-BR-04-0(FD)	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.034	0.017	mg/kg	9.94	R4	0.003	0.002
TSB-BR-05	TSB-BR-05-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.034	0.017	mg/kg	9.94	R4	0.003	0.002
TSB-BR-06	TSB-BR-06-0	SVOCs	Trichlorophenol, 2,4,6-	88-06-2	0.034	0.017	mg/kg	9.94	R4	0.003	0.002
SA24-0.5	SA24-0.5	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.0058	0.0029	mg/kg	0.16	R4	0.04	0.02

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
SA25-0.5	SA25-0.5	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.0056	0.0028	mg/kg	0.16	R4	0.04	0.02
SA26-0.5	SA26-0.5	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.0054	0.0027	mg/kg	0.16	R4	0.03	0.02
SA27-0.5	SA27-0.5	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.0052	0.0026	mg/kg	0.16	R4	0.03	0.02
TSB-AJ-01	TSB-AJ-01-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00021	0.000105	mg/kg	0.16	R4	0.001	0.0007
TSB-AJ-02	TSB-AJ-02-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00021	0.000105	mg/kg	0.16	R4	0.001	0.0007
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00021	0.000105	mg/kg	0.16	R4	0.001	0.0007
TSB-AJ-03	TSB-AJ-03-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00022	0.00011	mg/kg	0.16	R4	0.001	0.0007
TSB-AR-01	TSB-AR-01-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00022	0.00011	mg/kg	0.16	R4	0.001	0.0007
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00022	0.00011	mg/kg	0.16	R4	0.001	0.0007
TSB-AR-02	TSB-AR-02-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00021	0.000105	mg/kg	0.16	R4	0.001	0.0007
TSB-AR-04	TSB-AR-04-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00022	0.00011	mg/kg	0.16	R4	0.001	0.0007
TSB-AR-05	TSB-AR-05-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00022	0.00011	mg/kg	0.16	R4	0.001	0.0007
TSB-AR-06	TSB-AR-06-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00022	0.00011	mg/kg	0.16	R4	0.001	0.0007
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00022	0.00011	mg/kg	0.16	R4	0.001	0.0007
TSB-AR-07	TSB-AR-07-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00022	0.00011	mg/kg	0.16	R4	0.001	0.0007
TSB-AR-08	TSB-AR-08-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00022	0.00011	mg/kg	0.16	R4	0.001	0.0007
TSB-AR-10	TSB-AR-10-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00022	0.00011	mg/kg	0.16	R4	0.001	0.0007
TSB-AR-11	TSB-AR-11-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00022	0.00011	mg/kg	0.16	R4	0.001	0.0007
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00022	0.00011	mg/kg	0.16	R4	0.001	0.0007
TSB-AR-12	TSB-AR-12-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00022	0.00011	mg/kg	0.16	R4	0.001	0.0007
TSB-AR-13	TSB-AR-13-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00021	0.000105	mg/kg	0.16	R4	0.001	0.0007
TSB-AR-14	TSB-AR-14-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00022	0.00011	mg/kg	0.16	R4	0.001	0.0007
TSB-AR-3	TSB-AR-3-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00021	0.000105	mg/kg	0.16	R4	0.001	0.0007
TSB-AR-9	TSB-AR-9-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00021	0.000105	mg/kg	0.16	R4	0.001	0.0007
TSB-BJ-01	TSB-BJ-01-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00021	0.000105	mg/kg	0.16	R4	0.001	0.0007
TSB-BJ-02	TSB-BJ-02-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00021	0.000105	mg/kg	0.16	R4	0.001	0.0007
TSB-BJ-06	TSB-BJ-06-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00022	0.00011	mg/kg	0.16	R4	0.001	0.0007
TSB-BR-02	TSB-BR-02-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00022	0.00011	mg/kg	0.16	R4	0.001	0.0007
TSB-BR-03	TSB-BR-03-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00022	0.00011	mg/kg	0.16	R4	0.001	0.0007
TSB-BR-04	TSB-BR-04-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00022	0.00011	mg/kg	0.16	R4	0.001	0.0007
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00022	0.00011	mg/kg	0.16	R4	0.001	0.0007
TSB-BR-05	TSB-BR-05-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00021	0.000105	mg/kg	0.16	R4	0.001	0.0007
TSB-BR-06	TSB-BR-06-0	VOCs	Trimethylbenzene, 1,3,5-	108-67-8	0.00021	0.000105	mg/kg	0.16	R4	0.001	0.0007
SA24-0.5	SA24-0.5	VOCs	Vinyl chloride	75-01-4	0.0058	0.0029	mg/kg	0.03	R4	0.2	0.1
SA25-0.5	SA25-0.5	VOCs	Vinyl chloride	75-01-4	0.0056	0.0028	mg/kg	0.03	R4	0.2	0.09
SA26-0.5	SA26-0.5	VOCs	Vinyl chloride	75-01-4	0.0054	0.0027	mg/kg	0.03	R4	0.2	0.09
SA27-0.5	SA27-0.5	VOCs	Vinyl chloride	75-01-4	0.0052	0.0026	mg/kg	0.03	R4	0.2	0.09
PC-70_06	PC-70_06/23/1999	VOCs	Vinyl chloride	75-01-4	0.002	0.001	mg/kg	0.03	R4	0.07	0.03
TSB-AJ-01	TSB-AJ-01-0	VOCs	Vinyl chloride	75-01-4	0.00024	0.00012	mg/kg	0.03	R4	0.008	0.004
TSB-AJ-02	TSB-AJ-02-0	VOCs	Vinyl chloride	75-01-4	0.00024	0.00012	mg/kg	0.03	R4	0.008	0.004

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Vinyl chloride	75-01-4	0.00024	0.00012	mg/kg	0.03	R4	0.008	0.004
TSB-AJ-03	TSB-AJ-03-0	VOCs	Vinyl chloride	75-01-4	0.00024	0.00012	mg/kg	0.03	R4	0.008	0.004
TSB-AR-01	TSB-AR-01-0	VOCs	Vinyl chloride	75-01-4	0.00025	0.000125	mg/kg	0.03	R4	0.008	0.004
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Vinyl chloride	75-01-4	0.00025	0.000125	mg/kg	0.03	R4	0.008	0.004
TSB-AR-02	TSB-AR-02-0	VOCs	Vinyl chloride	75-01-4	0.00024	0.00012	mg/kg	0.03	R4	0.008	0.004
TSB-AR-04	TSB-AR-04-0	VOCs	Vinyl chloride	75-01-4	0.00024	0.00012	mg/kg	0.03	R4	0.008	0.004
TSB-AR-05	TSB-AR-05-0	VOCs	Vinyl chloride	75-01-4	0.00024	0.00012	mg/kg	0.03	R4	0.008	0.004
TSB-AR-06	TSB-AR-06-0	VOCs	Vinyl chloride	75-01-4	0.00025	0.000125	mg/kg	0.03	R4	0.008	0.004
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Vinyl chloride	75-01-4	0.00024	0.00012	mg/kg	0.03	R4	0.008	0.004
TSB-AR-07	TSB-AR-07-0	VOCs	Vinyl chloride	75-01-4	0.00025	0.000125	mg/kg	0.03	R4	0.008	0.004
TSB-AR-08	TSB-AR-08-0	VOCs	Vinyl chloride	75-01-4	0.00024	0.00012	mg/kg	0.03	R4	0.008	0.004
TSB-AR-10	TSB-AR-10-0	VOCs	Vinyl chloride	75-01-4	0.00025	0.000125	mg/kg	0.03	R4	0.008	0.004
TSB-AR-11	TSB-AR-11-0	VOCs	Vinyl chloride	75-01-4	0.00025	0.000125	mg/kg	0.03	R4	0.008	0.004
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Vinyl chloride	75-01-4	0.00024	0.00012	mg/kg	0.03	R4	0.008	0.004
TSB-AR-12	TSB-AR-12-0	VOCs	Vinyl chloride	75-01-4	0.00024	0.00012	mg/kg	0.03	R4	0.008	0.004
TSB-AR-13	TSB-AR-13-0	VOCs	Vinyl chloride	75-01-4	0.00024	0.00012	mg/kg	0.03	R4	0.008	0.004
TSB-AR-14	TSB-AR-14-0	VOCs	Vinyl chloride	75-01-4	0.00024	0.00012	mg/kg	0.03	R4	0.008	0.004
TSB-AR-3	TSB-AR-3-0	VOCs	Vinyl chloride	75-01-4	0.00024	0.00012	mg/kg	0.03	R4	0.008	0.004
TSB-AR-9	TSB-AR-9-0	VOCs	Vinyl chloride	75-01-4	0.00024	0.00012	mg/kg	0.03	R4	0.008	0.004
TSB-BJ-01	TSB-BJ-01-0	VOCs	Vinyl chloride	75-01-4	0.00024	0.00012	mg/kg	0.03	R4	0.008	0.004
TSB-BJ-02	TSB-BJ-02-0	VOCs	Vinyl chloride	75-01-4	0.00024	0.00012	mg/kg	0.03	R4	0.008	0.004
TSB-BJ-06	TSB-BJ-06-0	VOCs	Vinyl chloride	75-01-4	0.00025	0.000125	mg/kg	0.03	R4	0.008	0.004
TSB-BR-02	TSB-BR-02-0	VOCs	Vinyl chloride	75-01-4	0.00024	0.00012	mg/kg	0.03	R4	0.008	0.004
TSB-BR-03	TSB-BR-03-0	VOCs	Vinyl chloride	75-01-4	0.00025	0.000125	mg/kg	0.03	R4	0.008	0.004
TSB-BR-04	TSB-BR-04-0	VOCs	Vinyl chloride	75-01-4	0.00025	0.000125	mg/kg	0.03	R4	0.008	0.004
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Vinyl chloride	75-01-4	0.00024	0.00012	mg/kg	0.03	R4	0.008	0.004
TSB-BR-05	TSB-BR-05-0	VOCs	Vinyl chloride	75-01-4	0.00024	0.00012	mg/kg	0.03	R4	0.008	0.004
TSB-BR-06	TSB-BR-06-0	VOCs	Vinyl chloride	75-01-4	0.00024	0.00012	mg/kg	0.03	R4	0.008	0.004
SA24-0.5	SA24-0.5	VOCs	Xylenes (total)	1330-20-7	0.012	0.006	mg/kg	0.1	R4	0.1	0.06
SA25-0.5	SA25-0.5	VOCs	Xylenes (total)	1330-20-7	0.011	0.0055	mg/kg	0.1	R4	0.1	0.06
SA26-0.5	SA26-0.5	VOCs	Xylenes (total)	1330-20-7	0.011	0.0055	mg/kg	0.1	R4	0.1	0.06
SA27-0.5	SA27-0.5	VOCs	Xylenes (total)	1330-20-7	0.01	0.005	mg/kg	0.1	R4	0.1	0.05
PC-70_06	PC-70_06/23/1999	VOCs	Xylenes (total)	1330-20-7	0.001	0.0005	mg/kg	0.1	R4	0.01	0.005
TSB-AJ-01	TSB-AJ-01-0	VOCs	Xylenes (total)	1330-20-7	0.00087	0.000435	mg/kg	0.1	R4	0.009	0.004
TSB-AJ-02	TSB-AJ-02-0	VOCs	Xylenes (total)	1330-20-7	0.00087	0.000435	mg/kg	0.1	R4	0.009	0.004
TSB-AJ-02	TSB-AJ-02-0(FD)	VOCs	Xylenes (total)	1330-20-7	0.00087	0.000435	mg/kg	0.1	R4	0.009	0.004
TSB-AJ-03	TSB-AJ-03-0	VOCs	Xylenes (total)	1330-20-7	0.00088	0.00044	mg/kg	0.1	R4	0.009	0.004
TSB-AR-01	TSB-AR-01-0	VOCs	Xylenes (total)	1330-20-7	0.00089	0.000445	mg/kg	0.1	R4	0.009	0.004
TSB-AR-01	TSB-AR-01-0(FD)	VOCs	Xylenes (total)	1330-20-7	0.00091	0.000455	mg/kg	0.1	R4	0.009	0.005
TSB-AR-02	TSB-AR-02-0	VOCs	Xylenes (total)	1330-20-7	0.00087	0.000435	mg/kg	0.1	R4	0.009	0.004

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
TSB-AR-04	TSB-AR-04-0	VOCs	Xylenes (total)	1330-20-7	0.00088	0.00044	mg/kg	0.1	R4	0.009	0.004
TSB-AR-05	TSB-AR-05-0	VOCs	Xylenes (total)	1330-20-7	0.00088	0.00044	mg/kg	0.1	R4	0.009	0.004
TSB-AR-06	TSB-AR-06-0	VOCs	Xylenes (total)	1330-20-7	0.00089	0.000445	mg/kg	0.1	R4	0.009	0.004
TSB-AR-06	TSB-AR-06-0(FD)	VOCs	Xylenes (total)	1330-20-7	0.00089	0.000445	mg/kg	0.1	R4	0.009	0.004
TSB-AR-07	TSB-AR-07-0	VOCs	Xylenes (total)	1330-20-7	0.0009	0.00045	mg/kg	0.1	R4	0.009	0.005
TSB-AR-08	TSB-AR-08-0	VOCs	Xylenes (total)	1330-20-7	0.00088	0.00044	mg/kg	0.1	R4	0.009	0.004
TSB-AR-10	TSB-AR-10-0	VOCs	Xylenes (total)	1330-20-7	0.00089	0.000445	mg/kg	0.1	R4	0.009	0.004
TSB-AR-11	TSB-AR-11-0	VOCs	Xylenes (total)	1330-20-7	0.00089	0.000445	mg/kg	0.1	R4	0.009	0.004
TSB-AR-11	TSB-AR-11-0(FD)	VOCs	Xylenes (total)	1330-20-7	0.00088	0.00044	mg/kg	0.1	R4	0.009	0.004
TSB-AR-12	TSB-AR-12-0	VOCs	Xylenes (total)	1330-20-7	0.00087	0.000435	mg/kg	0.1	R4	0.009	0.004
TSB-AR-13	TSB-AR-13-0	VOCs	Xylenes (total)	1330-20-7	0.00087	0.000435	mg/kg	0.1	R4	0.009	0.004
TSB-AR-14	TSB-AR-14-0	VOCs	Xylenes (total)	1330-20-7	0.00088	0.00044	mg/kg	0.1	R4	0.009	0.004
TSB-AR-3	TSB-AR-3-0	VOCs	Xylenes (total)	1330-20-7	0.00086	0.00043	mg/kg	0.1	R4	0.009	0.004
TSB-AR-9	TSB-AR-9-0	VOCs	Xylenes (total)	1330-20-7	0.00087	0.000435	mg/kg	0.1	R4	0.009	0.004
TSB-BJ-01	TSB-BJ-01-0	VOCs	Xylenes (total)	1330-20-7	0.00087	0.000435	mg/kg	0.1	R4	0.009	0.004
TSB-BJ-02	TSB-BJ-02-0	VOCs	Xylenes (total)	1330-20-7	0.00087	0.000435	mg/kg	0.1	R4	0.009	0.004
TSB-BJ-06	TSB-BJ-06-0	VOCs	Xylenes (total)	1330-20-7	0.0009	0.00045	mg/kg	0.1	R4	0.009	0.005
TSB-BR-02	TSB-BR-02-0	VOCs	Xylenes (total)	1330-20-7	0.00088	0.00044	mg/kg	0.1	R4	0.009	0.004
TSB-BR-03	TSB-BR-03-0	VOCs	Xylenes (total)	1330-20-7	0.00091	0.000455	mg/kg	0.1	R4	0.009	0.005
TSB-BR-04	TSB-BR-04-0	VOCs	Xylenes (total)	1330-20-7	0.00089	0.000445	mg/kg	0.1	R4	0.009	0.004
TSB-BR-04	TSB-BR-04-0(FD)	VOCs	Xylenes (total)	1330-20-7	0.00088	0.00044	mg/kg	0.1	R4	0.009	0.004
TSB-BR-05	TSB-BR-05-0	VOCs	Xylenes (total)	1330-20-7	0.00087	0.000435	mg/kg	0.1	R4	0.009	0.004
TSB-BR-06	TSB-BR-06-0	VOCs	Xylenes (total)	1330-20-7	0.00087	0.000435	mg/kg	0.1	R4	0.009	0.004

**TABLE F-1. Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada**

Location	Sample ID	Analyte Group	Chemical Name	CASRN	SQL ^a	1/2 SQL	Unit	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
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Notes:

0.5	HQ<1
1	HQ = 1
10	1 < HQ ≤ 10
100	10 < HQ ≤ 100
1000	100 < HQ

a. ENSR (2007) (SA-24, SA-25, SA-26 and SA-27) data conservatively uses practical quantitation limits because sample quantitation limits not available at the time of this analysis.

CASRN = Chemical Abstract Service Registry Number

SQL or 1/2 SQL: sample quantitation limit or one-half sample quantitation limit

Eco-SSL = Ecological soil screening level (USEPA 2007)

ESV = Ecological screening value

mg/kg = Milligram per kilogram

N = Not detected

OCPs = Organochlorine pesticides

OPPs = Organophosphate pesticides

PCBs = Polychlorinated biphenyls

R4 = USEPA Region 4 (USEPA R4 2018)

SVOCs = Semivolatile organic compounds

VOCs = Volatile organic compounds

USEPA 2007: USEPA. 2007. Ecological Soil Screening Levels. <http://www.epa.gov/oswer/riskassessment/ecorisk/ecossl.htm>.

USEPA 2018: USEPA Region 4. 2018. "Region 4 Ecological Risk Assessment Supplemental Guidance". March.