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Nevada Environmental Response Trust
Henderson, Nevada

Prepared by
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Project Number
1690016062

Date
February 26, 2021

ANNUAL GROUNDWATER MONITORING AND GWETS PERFORMANCE REPORT

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE HENDERSON, NEVADA

Annual Groundwater Monitoring and GWETS Performance Report

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

Nevada Environmental Response Trust (NERT) Representative Certification

I certify that this document and all attachments submitted to the Division were prepared at the request of, or under the direction or supervision of NERT. Based on my own involvement and/or my inquiry of the person or persons who manage the system(s) or those directly responsible for gathering the information or preparing the document, or the immediate supervisor of such person(s), the information submitted and provided herein is, to the best of my knowledge and belief, true, accurate, and complete in all material respects.

Office of the Nevada Environmental Response Trust

Le Petomane XXVII, Inc., not individually, but solely in its representative capacity as the Nevada Environmental Response Trust Trustee

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Date: 2/24/21

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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.



February 26, 2021

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Performance Report**

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ELECTRONIC MAP

All Wells Location Map

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Appendix B	Well Data Sheets

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- Appendix C Statistical Trends
- Appendix D Remedial Performance Monitoring Program Field Records
- Appendix E Data Validation Summary Report (DVSR)
- Appendix F Electronic Data Deliverable (EDD)
- Appendix G Environmental Footprint Analysis

ATTACHMENT

Attachment A 2020 Mass Estimate for the Remedial Investigation Study Area

ACRONYMS AND ABBREVIATIONS

ACH	aluminum chlorohydrate
AMPAC/Endeavour	American Pacific Corporation/Endeavour LLC
AOC	Administrative Order on Consent
ARP	Athens Road Piezometer
AWF	Athens Road Well Field
bgs	below ground surface
BCL	Basic Comparison Level
BMI	Black Mountain Industrial
BMP	Best Management Practice
BRC	Basic Remediation Company LLC
BTU	British thermal unit
CEM	Certified Environmental Manager
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalents
COH	City of Henderson
DO	dissolved oxygen
DTS	distributed temperature survey
DVSR	Data Validation Summary Report
EDD	Electronic Data Deliverable
Envirogen	Envirogen Technologies, Inc.
FBR	fluidized bed reactor
ft/ft	feet-per-foot
FS	Feasibility Study
GAC	granular activated carbon
GHG	greenhouse gas
gpm	gallons per minute
GWETS	groundwater extraction and treatment system
GWM	groundwater monitoring
GWTP	Groundwater Treatment Plant
HAP	hazardous air pollutants
IWF	Interceptor Well Field
IX	ion exchange
lbs	pounds

lbs/day	pounds per day
MCL	maximum contaminant level
mg/L	milligrams per liter
MWh	Megawatt Hours
NDEP	Nevada Division of Environmental Protection
NERT	Nevada Environmental Response Trust
NERT Site	Nevada Environmental Response Trust Site
NO _x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
ORP	oxidation reduction potential
OSSM	Olin/Stauffer/Syngenta/Montrose
OU	Operable Unit
PM	particulate matter
Ramboll	Ramboll US Consulting, Inc.
RAO	Remedial Action Objective
RI	Remedial Investigation
SAP	Sampling and Analysis Plan
SEFA	Spreadsheets for Environmental Footprint Analysis
SNWA	Southern Nevada Water Authority
SO _x	sulfur oxides
SWF	Seep Well Field
TDS	total dissolved solids
Tetra Tech	Tetra Tech, Inc.
TIMET	Titanium Metals Corporation
TIR	thermal infrared
Trust	Nevada Environmental Response Trust
TSE	Treatment System Extension (for GWETS)
µg/L	micrograms per liter
UMCf	Upper Muddy Creek Formation
USB	Universal Serial Bus
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
VOC	volatile organic compound
WBZ	water-bearing zone
WRF	Water Reclamation Facility

1. INTRODUCTION

Ramboll US Consulting, Inc. (Ramboll) has prepared this report¹ for submittal to the Nevada Division of Environmental Protection (NDEP) on behalf of the Nevada Environmental Response Trust (the Trust or NERT) for the Nevada Environmental Response Trust Site (the NERT Site). The NERT Site² is located within the Black Mountain Industrial (BMI) Complex in unincorporated Clark County and is surrounded by the City of Henderson, Nevada.

1.1 Purpose

This report describes results of NERT's annual groundwater monitoring and performance of the groundwater extraction and treatment system (GWETS) in removing and treating groundwater contaminated with perchlorate and hexavalent chromium. The primary infrastructure of the GWETS was constructed by Kerr-McGee Chemical Corporation in the early 2000s in accordance with an Order issued by NDEP. The GWETS currently operates as a removal action designed to capture perchlorate and hexavalent chromium in groundwater migrating north from the NERT Site where former manufacturing operations occurred. Accordingly, the evaluation of the GWETS presented herein is not intended to account for the ability of the GWETS to capture the following:

- (1) contaminant mass that migrated in groundwater off-site before the GWETS was installed;
- (2) contaminant mass that formerly migrated in wastewater from the NERT Site via the Beta Ditch to a former pond system located east of Pabco Road, where wastewater was allowed to infiltrate into the ground, eventually impacting groundwater quality; and,
- (3) any perchlorate that might be present east of Pabco Road associated with former operations/releases at the NERT Site or resulting from the conditions described in items 1 or 2 listed above.

Rather, the GWETS evaluation presented in this report is focused on the ability of the GWETS to capture perchlorate and hexavalent chromium present in groundwater west of Pabco Road associated with the NERT perchlorate plume where the highest concentrations of perchlorate and hexavalent chromium are migrating northward from the historical sources at the NERT Site. Other sources of contaminant mass will be considered throughout the Remedial Investigation and Feasibility Study (RI/FS) process (i.e. #2 and #3 above) and while selecting the final remedy or remedies. Herein GWETS will be used to refer to the entirety of all systems and components of the groundwater extraction and treatment systems owned by the Trust, both on-site and off-site.

¹ The title of this report (and subsequent reports) is being changed from "Annual Remedial Performance Report for Chromium and Perchlorate" to "Annual Groundwater Monitoring and GWETS Performance Report" to better reflect the contents of the report including the expanded presentation of data from chemicals other than chromium and perchlorate. Subsequent to implementation of final remedy, annual reporting will be revised to support the requirements of a long-term monitoring plan in support of the final remedy.

² Herein "Site" will be used to refer to the NERT Site property boundary owned by the Trust.

This report, covering the period from July 2019 through June 2020, presents data collected during this period while providing a discussion of groundwater conditions as well as an evaluation of the GWETS performance relative to established performance metrics.³ GWETS performance will continue to be evaluated in future performance submittals throughout the RI/FS process and implementation of the final remedy. Once the final remedy is in place, which may or may not include the GWETS in its current or modified form, the Trust's performance monitoring program and associated reporting (including evaluation of performance metrics) will be adapted for the final remedy. The revised monitoring program, performance metrics, and reporting for the final remedy will not be limited to the capture of perchlorate and chromium present in groundwater west of Pabco Road by the GWETS.

Sections 3 through 7 of this report present evaluations of groundwater conditions and concentration trends. These evaluations are aided by the presentation of a potentiometric surface map and isoconcentration maps for chromium, perchlorate, chloroform, and total dissolved solids (TDS) within the water table interval of the shallow water-bearing zone. In addition, several figures with data from deeper water-bearing zones have been added to this submittal to address comments from NDEP's April 30, 2020 comment letter on the 2018-2019 Annual Remedial Performance Report for Chromium and Perchlorate (NDEP 2020a). Isococentration contours for the middle and deep water-bearing zones have not been included due to the sparsity of data. Similar to previous annual reports, concentration trends are discussed at various well lines within the NERT plume, beginning in the southern portion of the plume and progressing downgradient to the north towards Las Vegas Wash. As requested by NDEP in the December 6, 2016 comment letter on the 2015-2016 Annual Remedial Performance Report for Chromium and Perchlorate (NDEP 2016a), this report incorporates statistical analyses of the trends observed at these well lines.

Section 8 presents an evaluation of GWETS performance with respect to the performance metrics. For purposes of the ongoing RI/FS, several investigation areas have been defined, as shown on Figure 1. Two investigation areas were defined in 2012: the NERT Site Study Area⁴ and the NERT Off-Site Study Area.⁵ These investigation areas were expanded to include two additional study areas: the Downgradient Study Area (investigation began in 2016) and the Eastside Study Area (investigation began in 2017). The entirety of the four study areas being investigated became known as the NERT RI Study Area. The NERT RI Study Area was organized into three operable units (OUs) in late 2017: OU-1 (the NERT Site Study Area), OU-2 (between the NERT Site Study Area and roughly Galleria Drive),

³ Performance metrics were developed as part of the 2013 GWETS Optimization Work Plan (ENVIRON 2013), approved by NDEP on December 3, 2013 (NDEP 2013). These performance metrics differ from the metrics being utilized as part of the Trust's monthly GWETS operations reporting, which were developed by Tetra Tech and included in their Enhanced Operational Metrics Proposal dated August 20, 2014 (Tetra Tech 2014).

⁴ The NERT Site Study Area was formerly defined in the RI/FS Work Plan (ENVIRON 2014) as the NERT Site. Several parcels within the NERT Site were subsequently sold, so now the NERT Site Study Area is delineated by the 2012 boundaries of the NERT-owned property.

⁵ The NERT Off-Site Study Area was formerly defined in the RI/FS Work Plan (ENVIRON 2014) as the Downgradient Plume Area and has been referred to in prior performance evaluations as the Off-Site NERT RI Study Area.

and OU-3 (generally between Galleria Drive and the Las Vegas Wash).⁶ The RI Study Area Mass Estimate and Expanded Performance Metrics Technical Approach Technical Memorandum (the Performance Metrics Technical Memorandum) was prepared by the Trust and approved by NDEP in 2017 to describe an updated framework and methodology for estimating contaminant mass and evaluating revised performance metrics to incorporate the entirety of the NERT RI Study Area (i.e., all of the OUs). The methodology was subsequently updated as detailed in the 2017-2018 Annual Remedial Performance Report and is utilized herein, as described in Section 8.1.

1.2 Organization

This report is provided in both hard copy and electronic forms. Where electronic files are referenced or information is stated as provided on Universal Serial Bus (USB) flash drive, this information is contained on the USB flash drive attached to the hard copy report.

This report is organized as follows:

- **Section 1** presents the purpose and organization of the memorandum.
- **Section 2** provides a summary of GWETS operations.
- **Section 3** presents area groundwater conditions.
- **Section 4** provides a summary of the chromium removal and extent during the reporting period.
- **Section 5** provides a summary of the perchlorate removal and extent during the reporting period.
- **Section 6** provides a summary of the extent of chloroform and other volatile organic compounds (VOCs) during the reporting period.
- **Section 7** presents a discussion on other measured parameters, including TDS, chlorate, and nitrate.
- **Section 8** provides an evaluation of GWETS performance relative to the established performance metrics.
- **Section 9** provides an update on ongoing and proposed future activities related to the GWETS and performance monitoring program.
- **Section 10** lists citations for key documents referenced in this report.
- **The Electronic Map** (on the USB flash drive) is a Google Earth compatible file showing the locations of all former and current wells in the vicinity.
- **Appendix A** contains Table A-1, which presents the previous five quarters of analytical and groundwater elevation data collected as part of the performance monitoring program sampling events. Table A-2 includes field parameters (e.g., dissolved oxygen [DO], oxidation reduction potential [ORP], temperature, pH, conductivity) collected as part of the performance monitoring program and Las

⁶ The OUs were proposed in the RI/FS Work Plan Addendum: Phase 3 Remedial Investigation, Revision 1 to organize the NERT RI Study Area into units that align with the Remedial Action Objectives (RAOs) (Ramboll Environ 2017b).

Vegas Wash sampling events conducted between January 2020 and June 2020. Table A-3 contains VOC analytical data collected during the reporting period. Table A-4 contains supplemental second quarter 2020 analytical and groundwater elevation data collected by American Pacific Corporation/Endeavour LLC (AMPAC/Endeavour), Olin/Stauffer/Sygenta/Montrose (OSSM), Southern Nevada Water Authority (SNWA), and Titanium Metals Corporation (TIMET), which were used in the preparation of this report. Table A-4 also includes additional data from 2014-2015 provided by Basic Remediation Company LLC (BRC).

- **Appendix B** (on the USB flash drive) contains data sheets for monitoring and extraction wells that are part of the performance monitoring program, which show groundwater elevations, perchlorate concentrations, and chromium concentrations over time for each well, in addition to well construction details and the location of the Upper Muddy Creek Formation (UMCf) contact. In addition, extraction rates, specific capacities, and estimated mass removals of perchlorate and chromium over time are shown for extraction wells.
- **Appendix C** (on the USB flash drive) contains statistical trends for water levels and analytical data at well locations in the performance monitoring program.
- **Appendix D** (on the USB flash drive) contains the field records from the January through June 2020 performance monitoring program sampling events.
- **Appendix E** (on the USB flash drive) contains the Data Validation Summary Report (DVSR).
- **Appendix F** (on the USB flash drive) contains the Electronic Data Deliverable (EDD), which includes an Access[®] compatible data file containing analytical results, an Access[®] compatible data file containing water level monitoring data, and analytical lab reports for the January through June 2020 performance monitoring program sampling events.
- **Appendix G** (on the USB flash drive) contains an inventory of energy and materials used, wastes generated, and activities and services conducted for the purpose of an environmental footprint analysis for January through June 2020, as directed by the United States Environmental Protection Agency (USEPA), using USEPA Spreadsheets for Environmental Footprint Analysis (SEFA).

2. MONITORING AND OPERATIONS SUMMARY

This section provides a summary of monitoring and GWETS operations during the period of performance from July 2019 through June 2020 (the reporting period).

2.1 Performance Monitoring Program Summary

Detailed information regarding the performance monitoring program (including the scope of sampling events, key roles and responsibilities, and data collection procedures) in this reporting period through March 2020 are described in the Remedial Performance Groundwater Sampling and Analysis Plan (Ramboll Environ 2017a; "2017 SAP"), which was approved by NDEP on April 7, 2017. A revision to the 2017 SAP was approved by NDEP on April 30, 2020 (Ramboll 2020a, NDEP 2020b; "2020 SAP") and was in effect from April 2020 through the end of this reporting period.⁷ The 2020 SAP documents the changes to the performance monitoring program since approval of the 2017 SAP, includes an expansion of the program to adequately monitor the extent of contamination documented in the ongoing RI, incorporates the existing surface water monitoring program, and integrates the existing transducer network into the monitoring program. The modifications to the monitoring program described in the 2020 SAP were implemented beginning in April 2020.

Figures 2a, 2b, and 2c show the locations of all monitoring locations included in the performance monitoring program from July 2019 to June 2020. The electronic map, included on USB flash drive, shows the locations of all former and current wells in the vicinity. As previously discussed, the NERT performance monitoring program will be modified as required in the future upon selection of the final remedy or remedies, with monitoring locations specified throughout the entirety of the OUs.

2.2 Groundwater Extraction

The GWETS utilizes three groundwater capture well fields, as shown on Figures 2a, 2b, and 2c: the Interceptor Well Field (IWF), the Athens Road Well Field (AWF), and the Seep Well Field (SWF). As previously discussed, the well fields were designed to capture and remove the highest concentrations of perchlorate and hexavalent chromium present in groundwater that originate from releases within OU-1, located west of Pabco Road. The IWF coupled with the on-site bentonite-slurry groundwater barrier wall (the "barrier wall") provides capture of the highest concentrations of perchlorate and chromium present within OU-1 groundwater and significantly mitigates the migration of impacted groundwater downgradient of OU-1. The off-site AWF, located approximately 8,200 feet downgradient of the IWF, captures groundwater with moderate concentrations of both perchlorate and chromium (relative to groundwater captured by the IWF) originating from OU-1 but operates at higher extraction rates than the IWF, resulting in significant contributions to overall perchlorate mass removal from the environment and reduction of perchlorate mass flux beyond the well field. The SWF, located in close proximity to Las Vegas Wash, operates at the highest extraction rate of the three

⁷ The 2020 SAP was initially approved on March 16, 2020 before an updated approval letter with comments was distributed on April 30, 2020.

well fields but captures groundwater that originates from OU-1 containing significantly lower perchlorate concentrations than both the IWF and AWF as well as impacted groundwater originating from the Eastside Study Area east of Pabco Road although this was not an objective of the original design. The on-site AP Area wells were also operated during the reporting period as part of the GWETS. These wells were originally installed as part of the AP Area Soil Flushing Treatability Study (Tetra Tech 2017) and later added to the GWETS for continuous operations in 2018 as directed by NDEP.

Average discharge rates (i.e., extraction rates) for the IWF, AWF, SWF, and AP Area during the reporting period and from the previous four years are shown in Table 1, Table 2, Table 3, and Table 4, respectively. Monthly extraction rates during the reporting period for individual IWF, AWF, SWF, and AP Area wells are presented in Table 5.

During the reporting period, the combined discharge rate of the IWF extraction wells averaged 60.1 gallons per minute (gpm), which is an increase of approximately 3 gpm, or approximately 6%, compared to the prior reporting period's average of 56.9 gpm. Average monthly flow rates continued to generally increase since the prior reporting period with repeated efforts to re-balance and increase flows. As shown in Table 5, average monthly IWF extraction rates ranged from 57.8 to 61.7 gpm during the reporting period.

Total combined discharge from the AP Area extraction wells located generally adjacent to the IWF averaged 11.3 gpm during the reporting period, which is an increase of approximately 2 gpm, or approximately 22%, compared to the prior reporting period's average of 9.3 gpm. Average extraction rates increased in all AP Area extraction wells relative to the prior reporting period. Average monthly flow rates continued to generally increase since the prior reporting period with repeated efforts to re-balance and increase flows. As shown in Table 5, total combined flow rates in the AP Area during the current reporting period ranged from 10.2 to 12.8 gpm.

Total combined discharge at the AWF averaged 464.9 gpm during the reporting period, which is within 0.2% of the prior reporting period's average of 464.1 gpm. As shown in Table 5, total monthly combined flow rates at the AWF during the current reporting period ranged from 457.2 to 471.6 gpm.

Total combined discharge at the SWF averaged 748.9 gpm during the reporting period, which is an increase of approximately 1% from the prior reporting period's average of 741.6 gpm. Water extracted at the SWF is either routed to the GWETS or the ion exchange (IX) treatment system, which began operating in February 2017. The IX treatment system was designed to treat a portion of groundwater captured by the SWF such that the Trust could reduce in-flows to the GW-11 Pond and maintain a higher level of storage capacity within the pond. After successful startup of the IX treatment system, NERT increased groundwater extraction at the SWF by 130 gpm at the request of NDEP. As shown in Table 5, total monthly combined flow rates at the SWF during the current reporting period ranged from 734.7 to 759.9 gpm.

2.3 Groundwater Treatment System

NERT operates three facilities to treat groundwater. Treatment of chromium-contaminated groundwater extracted at the IWF and the AP Area occurs via the on-site Groundwater Treatment Plant (GWTP),⁸ which began operation in 1987 to chemically reduce hexavalent chromium and remove total chromium via chemical precipitation. Treatment of perchlorate-contaminated groundwater extracted at the IWF, AWF, SWF, or AP Area occurs via either 1) the on-site fluidized bed reactors (FBRs), which began operation in 2004 to biologically remove perchlorate as well as chlorate, nitrate, and trace concentrations of residual chromium, or 2) an IX treatment system, which began operation in 2017 to chemically remove perchlorate via ion exchange with resin.

Groundwater treated via the GWTP to reduce hexavalent chromium and total chromium is ultimately conveyed to the FBRs for further treatment. The GWETS effluent comprises effluent from the FBR system and IX system, both of which discharge treated water to Las Vegas Wash from a combined effluent pipe that discharges to a side channel of Las Vegas Wash located immediately west of the Pabco Road weir under authority of National Pollutant Discharge Elimination System (NPDES) Permit NV0023060. In February 2020, the coagulant used at the end of the biological treatment process was changed to iron chloride from aluminum chlorohydrate (ACH) to prevent solids from accumulating in the effluent pipeline and causing pressure buildup; the process was otherwise unchanged during the reporting period. A simplified process flow diagram is presented on Figure 3.⁹ The performance of the GWETS, including well field extraction rates, operational metrics for the three treatment systems, and information regarding GW-11 and the AP Area extraction wells, is reported to NDEP monthly as part of the GWETS Enhanced Operational Metrics.

⁸ By convention, the "GWTP" consists of only the on-site hexavalent chromium treatment plant. The name pre-dates the installation of any of the perchlorate treatment systems and related components.

⁹ The average total extraction rates reported in Table 5 differ from the average total effluent of the GWETS as shown in Figure 3. The discrepancy is the result of flow into and out of GW-11, flow from the AP-5 Process Tanks, evaporation from GW-11, and additions of stabilized Lake Mead water, which are used for maintenance operations.

3. AREA GROUNDWATER CONDITIONS

The results and analysis presented in this section provide a description of the groundwater conditions within the NERT OUs. While the ongoing RI has provided additional supporting data, the conditions described in this section are generally consistent with the conditions presented in the 2018-2019 Annual Remedial Performance Report.

3.1 Hydrogeology and Direction of Flow

NDEP has defined three water-bearing zones (WBZs) of interest: the Shallow, Middle, and Deep WBZs. The Shallow WBZ, which extends to approximately 90 feet below ground surface (bgs), is unconfined to partially confined, and is considered the water table aquifer. The Middle WBZ extends from approximately 90 to 300 feet bgs. The Deep WBZ is defined as the contiguous WBZ that is generally encountered between 300 to 400 feet bgs (NDEP 2009). Unless otherwise stated, discussions of groundwater in this report refer to the water table interval of the Shallow WBZ, which contains the saturated portions of the alluvium and the uppermost portion of the UMCf. The Shallow WBZ is composed of the water table interval (i.e., first-encountered groundwater) and the lower Shallow WBZ, which underlies the water table interval.

Plate 1, a potentiometric surface map for the water table interval of the Shallow WBZ in the OUs, is created using groundwater elevation measurements collected by the Trust, AMPAC/Endeavour, OSSM, TIMET, and SNWA during second quarter 2020, as well as the Phase 6 Groundwater Model (the Phase 6 model, as described in Section 8.1) and ArcGIS. The groundwater model was updated with second quarter 2020 extraction rates for all known extraction wells within the model domain. The resulting water table contours from the model along with the measured second quarter 2020 groundwater elevations in the Shallow WBZ were then re-interpolated using ArcGIS Spatial Analyst.¹⁰

Groundwater flow direction in OU-1 is generally north to northwesterly, whereas in the surrounding area, the direction is generally north-northeast. This generally uniform flow pattern is locally affected by subsurface alluvial channels cut into the underlying UMCf; the NERT and TIMET barrier walls; localized areas of recharge from on-site storm water retention basins; off-site recharge from the City of Henderson (COH) Bird Viewing Ponds; groundwater extraction from the IWF, AWF, and SWF; and nearby groundwater extraction conducted by OSSM, TIMET, and AMPAC/Endeavour.

During the reporting period, shallow groundwater was generally encountered in OU-1 wells between approximately 20 and 80 feet bgs and is generally deepest in the

¹⁰ In the vicinity of the IWF, the barrier wall has a significant effect on the potentiometric surface, so a different approach was used to generate contours for the inset map showing the IWF. The potentiometric surface near the IWF was estimated by fitting the trend in water levels using an analytical element model and then kriging the well measurements after removing the trend. The simple analytic element model included the extraction wells at the IWF and the barrier wall and was developed using the TimML software v6.0 (a multiaquifer analytical element model). The final potentiometric surface was calculated as the sum of the trend obtained from the analytical element model and the output from kriging of the detrended data. The resulting grid of interpolated water levels was contoured using ArcGIS Spatial Analyst in the same way as for the other areas.

southern portion of OU-1. In OU-2, shallow groundwater west of Pabco Road was encountered during the reporting period between approximately 10 and 35 feet bgs, generally becoming shallower as it approaches OU-3 toward the Las Vegas Wash except in wells near the AWF where water is encountered at greater depths. In OU-2 east of Pabco Road, shallow groundwater was generally encountered between 30 and 55 feet bgs, also generally becoming shallower as it approaches OU-3 toward the Las Vegas Wash. In OU-3, shallow groundwater was generally encountered from approximately 5 to 40 feet bgs. Groundwater in OU-3 is generally encountered at increasingly shallower depths approaching the Las Vegas Wash, except in the northeast portion of OU-3. In this area, groundwater is generally encountered at depths over 20 feet bgs. Groundwater conditions in OU-3 will be evaluated further in the ongoing RI and presented in the RI Report for OU-3.

As shown on Plate 1, areas of unsaturated alluvium are present within the AWF (between the two paleochannels present at this location) and in the area north of Sunset Road and Boulder Highway. Additional locations where groundwater elevations have been observed below the alluvium within the UMCf are underlined on Plate 1. This includes locations where the UMCf-alluvium contact is within the screened interval and the water level is below the contact. An additional zone of unsaturated alluvium is also present in the vicinity of the IWF and the southern portion of OU-1, which will be presented in the forthcoming RI Report for OU-1 and OU-2 following evaluation of the lower Shallow WBZ and Middle WBZ data collected as part of the Phase 2 RI. Areas of unsaturated alluvium are also present in the eastern and northeastern interior portions of OU-2, as discussed in the RI/FS Work Plan Addendum: Phase 3 Remedial Investigation, Revision 1 (Ramboll Environ 2017b). An evaluation of the extent of this unsaturated area based on data collected during the Phase 3 RI will also be presented in the RI Report for OU-1 and OU-2 and subsequent groundwater monitoring and GWETS performance reports.

Groundwater elevations from wells screened in the lower Shallow WBZ and Middle WBZ are presented on Figures 4a and 4b, respectively. Similar to the water table interval, groundwater elevations in the lower Shallow WBZ and Middle WBZ are highest in OU-1 and lowest in OU-3 near Las Vegas Wash and groundwater in both zone flows northward. There are no wells currently in the performance monitoring program and screened in the Deep WBZ for which manual depth-to-water measurements were collected. Since the Deep WBZ wells are not impacted by COPCs above groundwater screening levels, these wells are not monitored on a regular basis. An analysis of vertical gradients across the OUs is presented in Section 3.3.

3.2 Groundwater Conditions at Extraction Well Fields

Plates 2, 3, and 4 present cross-sections at the IWF, AWF, and SWF, respectively, and show the May 2020 water levels in the extraction wells in addition to water levels in adjacent monitoring wells. Plate 2 shows the series of narrow, shallow alluvial channels separated by UMCf ridges along the IWF, some of which are above the current groundwater level. Plate 3 shows that the alluvium overlying the UMCf ridge along the AWF continues to be partially dewatered. Plate 4 shows that the alluvial channel in the vicinity of the SWF is much less incised into the underlying UMCf than at the AWF; the configuration of the alluvial channel is a broad shallow

feature about 800 feet wide and averaging about 45 feet thick. In May 2001, before groundwater extraction began, the groundwater level within the SWF area was shallow and would seep to the surface and flow across the ground surface to the Las Vegas Wash. Groundwater elevations in this area remain relatively shallow.

Groundwater elevation measurements from the Middle WBZ and Shallow WBZ at the extraction well fields indicate a vertical upward gradient that generally increases with depth, as calculated from the water levels shown on Plates 2, 3, and 4. Vertical gradients near each well field are discussed below:

- In the area immediately downgradient of the IWF in the vicinity of Middle WBZ wells (M-161D, M-162D, and M-165D), vertical head differences between Middle and Shallow WBZ wells ranged from 5 to 25 feet during the reporting period, with calculated vertical gradients ranging between 0.05 and 0.25 feet-per-foot (ft/ft) in the upward direction. Upward vertical gradients were generally more prominent near the western and central portions of the barrier wall.
- At the AWF, two wells (PC-134D and PC-137D) were installed as part of the Phase 1 RI that are screened within the lower Shallow WBZ to depths of 90 feet. During the reporting period, the vertical head differences measured between PC-134D and PC-137D and corresponding wells screened within the water table interval were 5.4 and 2.5 feet, respectively, with upward vertical gradients of 0.12 and 0.05 ft/ft.
- At the SWF, two wells were installed as part of the Phase 3 RI that are screened at deeper intervals: PC-198 is screened in the lower Shallow WBZ to a depth of 70 feet, and PC-199 is screened in the Middle WBZ to a depth of 105 feet. During the reporting period, the vertical head difference measured at this well cluster (which includes PC-90 and PC-88) between the lower Shallow WBZ and water table interval of the Shallow WBZ was 3.78 feet with an upward vertical gradient of 0.07 ft/ft; between the Middle WBZ and water table interval of the Shallow WBZ, the vertical head difference was at least 8.6 feet with an upward vertical gradient of at least 0.10 ft/ft. PC-199 was installed in August 2019, and the water level in PC-199 was observed to be at the top of casing in May 2020. It is therefore possible that these latter vertical gradient values are underestimates if artesian conditions exist at well PC-199. The possibility of artesian conditions at this location will be evaluated further as more data are collected. Additional data will be collected and evaluated as part of the RI for OU-3 and in future annual performance monitoring events.

3.3 Vertical Gradients and Seasonal Trends

In Section 3.2, vertical gradients observed near the extraction well fields were discussed; in this section, vertical gradients and seasonal trends throughout the entirety of the NERT Study Area are discussed. Vertical gradients are an important component of site characterization and contaminant migration and will be evaluated in detail in the forthcoming RI Report for OU-1 and OU-2, as well as the forthcoming RI Report for OU-3 and evaluated in the NERT Feasibility Studies and considered in remedial decision making. A summary of the conditions observed in second quarter 2020 is presented below.

Vertical gradients were evaluated using available transducer data collected during the reporting period along with manual groundwater elevation measurements collected during second quarter 2020 (available in Table A-1 and Table A-4). Clusters of wells were identified, and vertical gradients were calculated between the well at the water table and each other well within a cluster. The location of the mid-screen elevation for each well was used to determine whether each well was screened within the Shallow, Middle, or Deep WBZ. These well clusters and approximate vertical gradients between the water table and the lower Shallow (below the water table), Middle, and Deep WBZs are shown on Figures 5a, 5b, and 5c, respectively.

As shown in these figures, there is generally an upward vertical gradient that is greatest between the water table and the Middle WBZ at OU-1 and to the west of OU-1, except in the vicinity of AMPAC/Endeavour's deep extraction wells where a downward vertical gradient is present between the water table and the Shallow and Middle WBZs due to operation of these deep extraction wells. A downward gradient was also observed nearby within the Shallow WBZ between ZX-45 and ZX-11 on the western edge of the AMPAC/Endeavour plume. Negligible vertical gradients (less than 0.05 ft/ft) were observed in the area west of OU-2.

Data from other portions of the OUs are more sparse. In general though, upward vertical gradients between the water table and the lower Shallow and Middle WBZs were observed in scattered well pairs throughout the portion of OU-2 west of Pabco Road and OU-3. Downward vertical gradients were observed near the northern boundary of the Eastside Sub-Area and within the Northeast Sub-Area; these gradients will be further evaluated in the forthcoming RI Report for OU-3.

Seasonal hydraulic trends were evaluated using an autocorrelation method with available transducer data. A continuous data set of more than 18 months of data was available at 85 locations for an analysis of seasonal trends. The autocorrelation of the transducer data is shown in Appendix C. Seasonal patterns are not observed in these wells except for WMW3.5S and WMW6.9S (which are adjacent to Las Vegas Wash), indicating that any other trends may be responses to more irregular recharge events.

4. CHROMIUM

4.1 Chromium Removal

During the reporting period, a total of approximately 2,040 pounds of total chromium were captured and removed from groundwater, as shown in Table 6. This is an approximate decrease of 6% compared to the 2,172 pounds of chromium removed between July 2018 and June 2019. The decrease in total mass removal is due to reduced chromium concentrations in extracted groundwater from the IWF and AWF. Chromium concentrations are likely decreasing due to continued depletion of chromium sources over time resulting from continued operation of the GWETS.

Total and hexavalent chromium concentrations in the treated effluent discharge during the reporting period are presented in Table 7. Hexavalent chromium was reported in effluent samples at concentrations ranging from <0.00025 to 0.0011 milligrams per liter (mg/L) during the reporting period—well below the NPDES effluent discharge limitation of 0.01 mg/L (daily maximum). Total chromium was reported in effluent samples at concentrations ranging from <0.0025 to 0.019 mg/L—also well below the NPDES effluent discharge limitation of 0.1 mg/L (daily maximum).

4.2 Chromium Concentration Trends

Plate 5 presents an isoconcentration map of the chromium plume in the water table interval from the south end of OU-1 to Las Vegas Wash.¹¹ The data used to develop the chromium isoconcentration contours includes second quarter 2020 shallow groundwater data collected by the Trust as specified in the 2020 SAP, data collected through implementation of the NERT RI, OSSM, TIMET, and SNWA, in addition to older shallow groundwater data from 2014 and 2015 collected by BRC (primarily for the area east of Pabco Road). These data are available in Table A-1 and Table A-4. Available preliminary data from the Trust's ongoing treatability studies and the Unit Buildings 4 and 5 Source Characterization were also evaluated and incorporated into the isoconcentration contour interpretation but are not shown on Plate 5. The chromium isoconcentration contours presented on Plate 5 are generally consistent with those presented in the 2018-2019 Annual Remedial Performance Report. In addition, the shape of the chromium plume is nearly identical to the shape of the perchlorate plume presented in Plate 6 indicating that the primary source of both contaminants is the same or located in vicinity of one another.

Figures 6a and 6b present second quarter 2020 chromium concentrations in groundwater for wells screened in the lower Shallow WBZ and Middle WBZ, respectively. Chromium concentrations in groundwater in the lower Shallow WBZ ranged from <0.25 micrograms per liter ($\mu\text{g/L}$) to 4,400 $\mu\text{g/L}$, and chromium concentrations in groundwater in the Middle WBZ ranged from <0.25 $\mu\text{g/L}$ to

¹¹ The presence of total and hexavalent chromium within the Eastside Sub-Area will be further investigated and remediated by BRC, if required by NDEP, pursuant to the terms of the Settlement Agreement and Administrative Order on Consent (AOC), BMI Common Areas, Phase 3, with NDEP in 2006 (2006 AOC). As part of the Phase 3 RI Work Plan, chromium and hexavalent chromium have been included in the analyte list for the Northeast Sub-Area for consistency with investigation of the Downgradient Study Area.

11,000 µg/L; the highest detected concentrations of chromium in the lower Shallow WBZ and Middle WBZ were located in OU-1. Since the Deep WBZ wells are not impacted by COPCs above groundwater screening levels, these wells are not monitored on a regular basis.

The following sections describe chromium concentration trends at various well lines within the chromium plume, beginning with the southern-most well line and progressing downgradient to the north towards Las Vegas Wash. The west-east well lines evaluated in this section are consistent with those evaluated in prior reports and include the following (as shown on Figures 2a and 2b and on Plate 5):

- **The IWF**, comprised of the 30 IWF extraction wells;
- **Downgradient of the Barrier Wall**, comprised of shallow monitoring wells located immediately north (downgradient) of the barrier wall for which data were available during the reporting period; and
- **The AWF**, comprised of the eight AWF extraction wells (ART-1/1A, ART-2/2A, ART-3/3A, ART-4/4A, ART-7A/7B, ART-8/8A, ART-9, and PC-150) and shallow monitoring wells located along the AWF for which data were available during the reporting period.

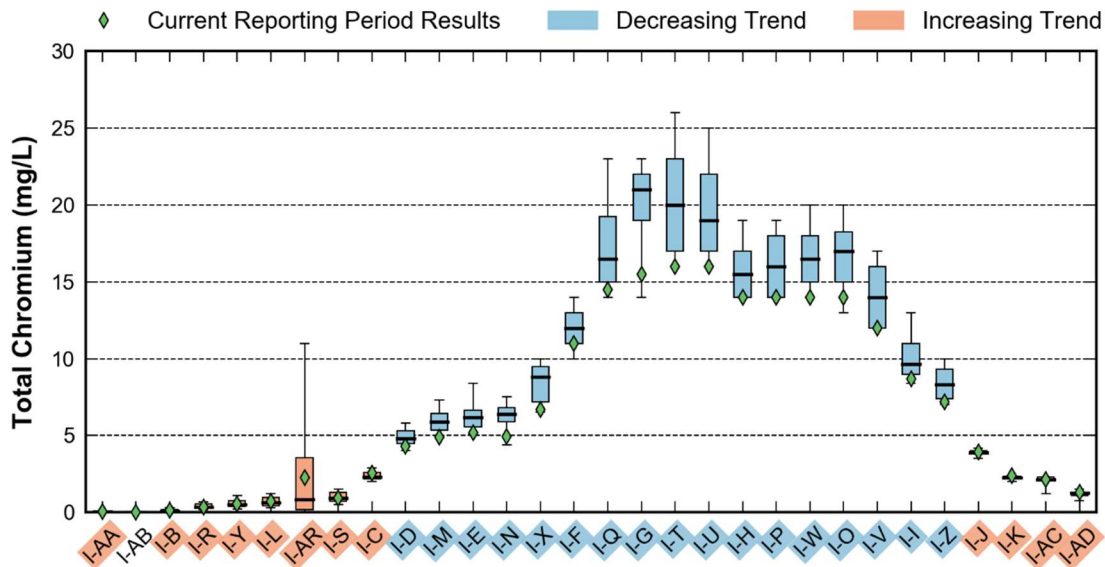
A limited discussion regarding groundwater quality adjacent to the SWF is also presented but with limited evaluation given the fact that most samples do not contain detectable concentration of chromium.

As requested by NDEP in the December 6, 2016 comment letter on the 2015-2016 Annual Remedial Performance Report for Chromium and Perchlorate (NDEP 2016a), this report incorporates statistical analyses of well line concentration trends. The box plots incorporated within the text below, as well as the statistical information for each well in Appendix C, are designed to help distinguish between long-term concentration trends and seasonal/short-term variations. The box plots use color to depict statistically significant (90% confidence interval) concentration trends, as established using the Mann-Kendall test on the last four years of available data (July 2016 to June 2020). As shown in the box plots in the remainder of this report, blue boxes indicate a decreasing trend and orange boxes indicate an increasing trend. The Mann-Kendall test was selected because it is non-parametric and therefore more generally applicable than regression analysis. Appendix C includes linear regression analysis (calculation of residual normality and linear slopes), Mann-Kendall testing, calculation of the non-parametric Theil-Sen slope, and calculation of an autocorrelation function for each well in the sampling program with sufficient chromium data going back up to 10 years (as well as perchlorate and groundwater elevation data).

Chromium concentration trends at additional well lines downgradient of the AWF were not evaluated because total chromium concentrations downgradient of the AWF do not exceed the federal maximum contaminant level (MCL) of 100 micrograms per liter (µg/L) for total chromium, which the State of Nevada has adopted. Chromium concentration time series plots and statistical trends for the AP Area extraction wells, which were added to the performance monitoring program in April 2018 after completion of the AP Area Soil Flushing Treatability Study, are included in Appendices B and C, respectively.

4.2.1 Interceptor Well Field

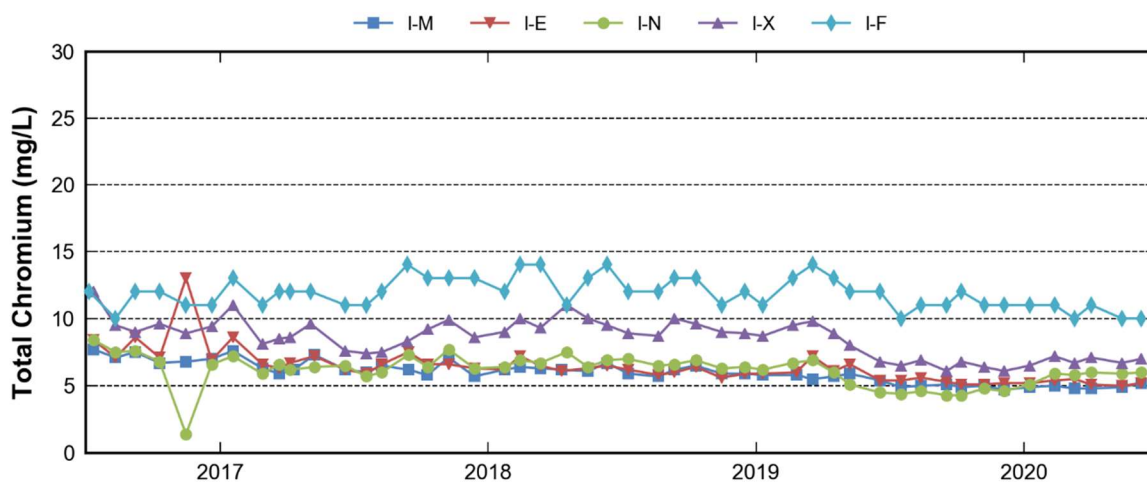
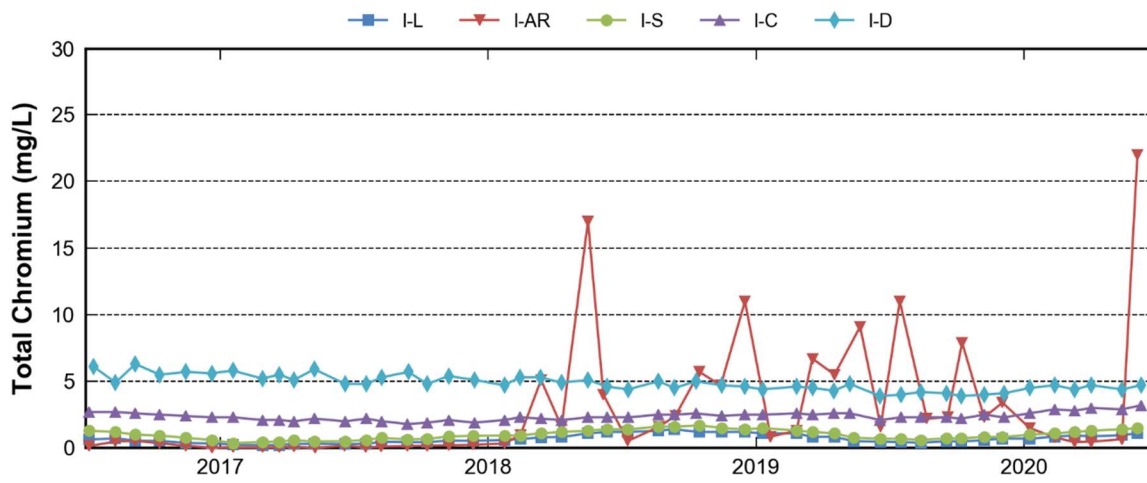
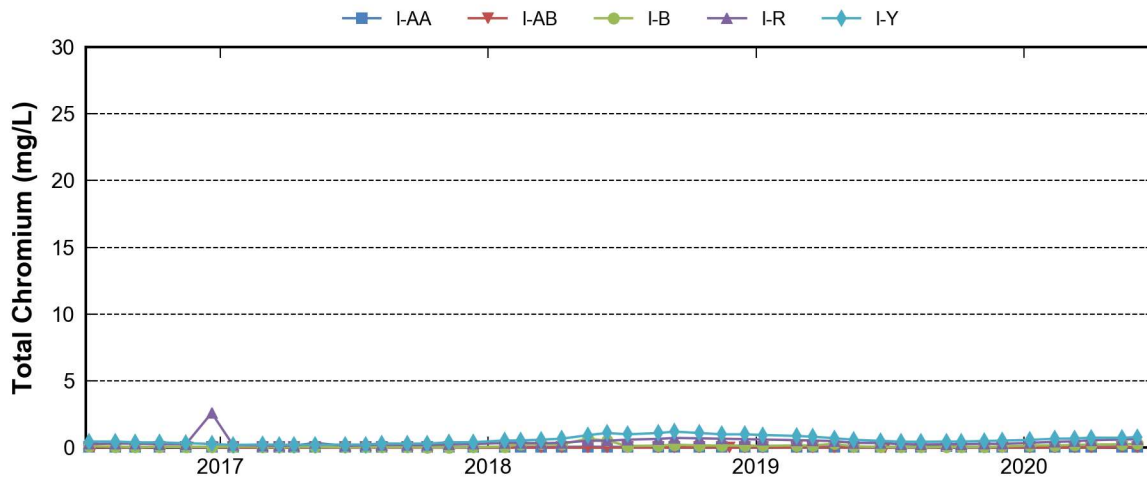
The box plots and time series plots below present chromium data over the last four years at the IWF extraction wells in geographical order from west to east. As shown in the box plots, chromium concentrations are generally highest and most variable in the central and eastern portions of the IWF. The statistical analysis indicates that concentrations in approximately half of the IWF wells (17 wells) have decreased over the last four years in the central portion of the IWF. The statistical analysis also indicates that concentrations in 12 wells located in the western and eastern portions of the IWF have increased over the last four years; however, these wells are located within the IWF and AWF capture zones and have significantly lower median concentrations than the wells located in the central portion of the IWF. A statistically significant trend was not identified in extraction well I-AB.



Box Plots: IWF Chromium Concentrations. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile; the “whiskers” represent data in the 5th-95th percentile. The green diamond represents the median value during the reporting period. Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

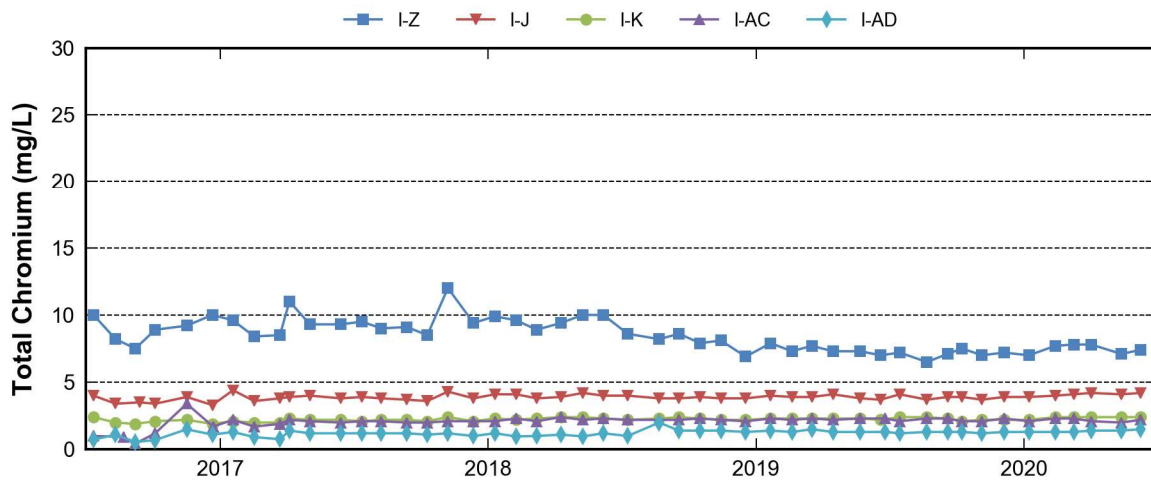
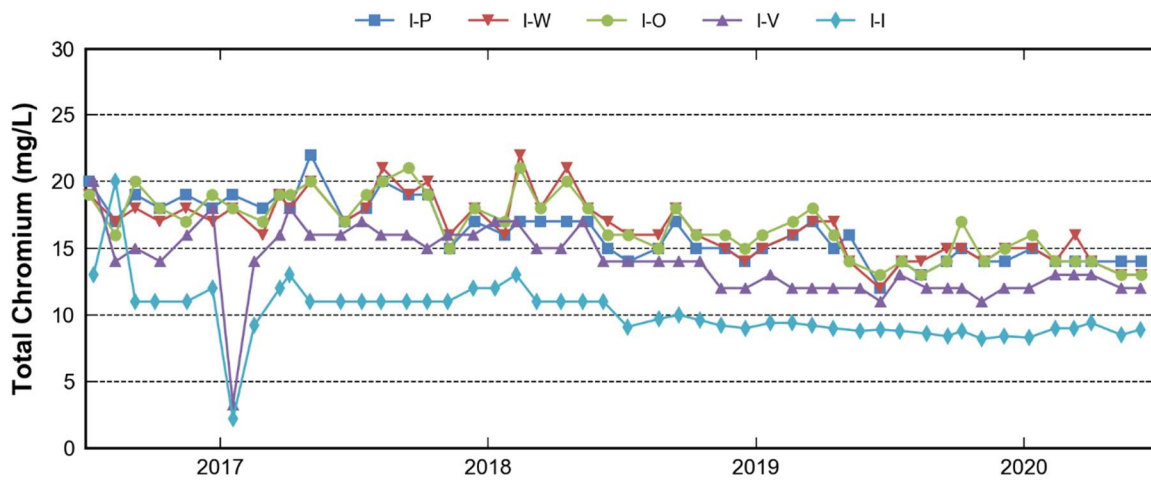
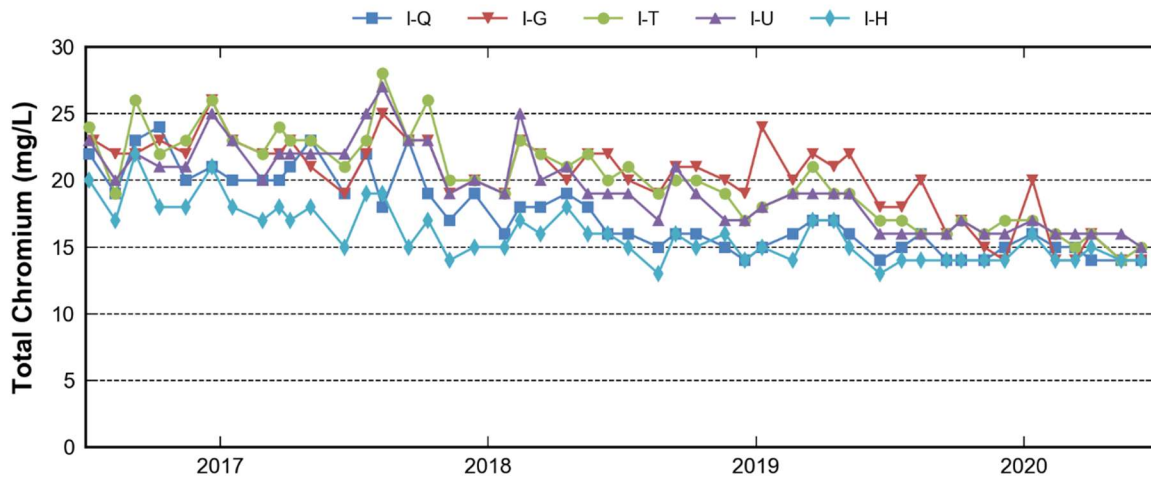
As shown on the time series plots presented below, concentrations during the reporting period appear generally consistent with the observed statistical trends over the last four years discussed above. The variability in chromium concentrations observed in well I-AR since March 2018 continued through the end of the reporting period, with results ranging from 0.44 mg/L to 22 mg/L during the reporting period. A review of hexavalent chromium data for this well during this timeframe found that changes in hexavalent chromium concentrations did not correspond to fluctuations in total chromium concentrations, indicating that the increasing trend of total chromium is not due to hexavalent chromium. The increase in the total chromium concentration in groundwater at well I-AR resulted in a statistically significant increasing trend for the period from July 2016 to June

2020. Total chromium concentrations in well I-AR are likely impacted by two factors: the AP Area Soil Flushing Treatability Study's activities in late 2017 and early 2018, and the physical condition of the well's casing (which appears to be a corrugated metal pipe). NERT will continue to monitor this situation as this well is located at the western extent of the chromium plume originating at the Unit 4 and 5 Buildings.



Time Series Plots: IWF Chromium Concentrations. These charts depict chromium concentration data collected in IWF wells during the last four years, presented in geographical order from west to east.

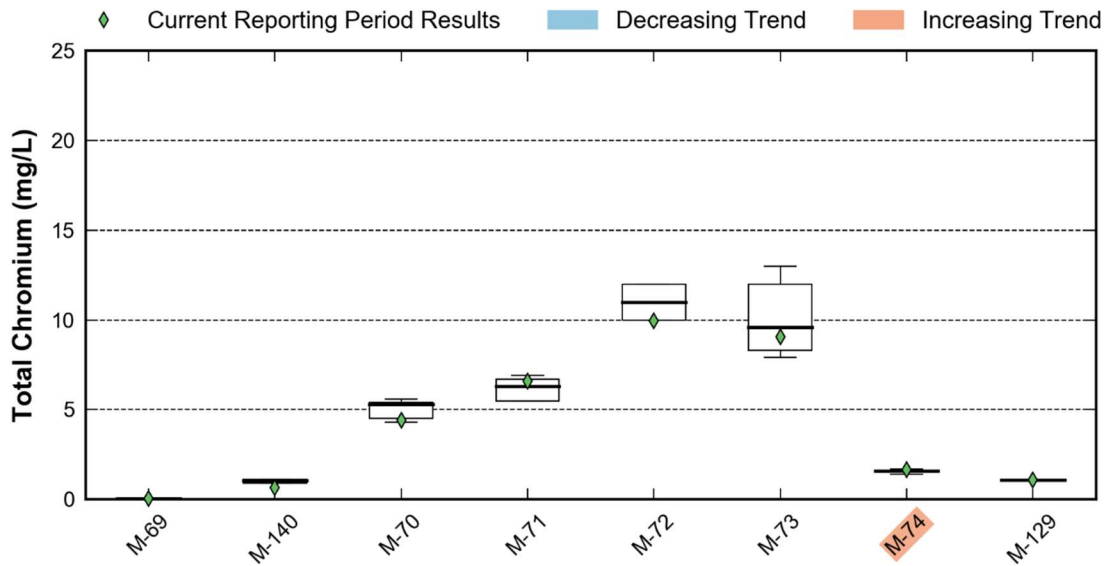
Annual Groundwater Monitoring and GWETS Performance Report
 Nevada Environmental Response Trust Site
 Henderson, Nevada



Time Series Plots: IWF Chromium Concentrations. These charts depict chromium concentration data collected in IWF wells during the last four years, presented in geographic order from west to east.

4.2.2 Downgradient of the Barrier Wall

The box plots and time series plots below present chromium data over the last four years at shallow monitoring wells located immediately downgradient of the barrier wall. Similar to the IWF, chromium concentrations are highest and most variable in the central portion of the well line. The statistical analysis indicates that chromium concentrations increased in well M-74 over the last four years; however, the increase is subtle given the narrow range of concentrations recorded in groundwater at well M-74. Statistically significant trends were not identified in the other monitoring wells.

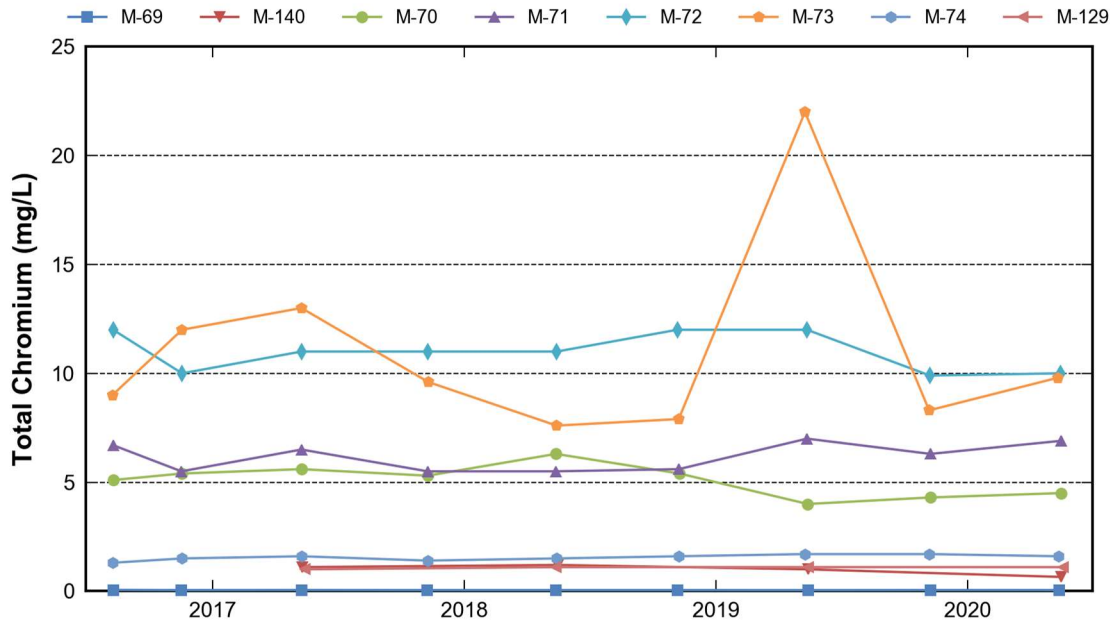


Box Plots: Chromium Concentrations Downgradient of the Barrier Wall. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile; the “whiskers” represent data in the 5th-95th percentile. The green diamond represents the median value during the reporting period. Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

Chromium concentrations during the reporting period (as shown on the time series plots below) appear generally consistent with the observed statistical trends over the last four years discussed above. An elevated concentration of chromium in groundwater at well M-73 recorded in May 2019 appears to be an anomaly, as concentrations during the reporting period were consistent with concentrations recorded in well M-73 during the last four years.

As discussed in prior performance reports, chromium concentrations in these wells increased following the shutdown of the recharge trenches in September 2010. This suggested that the former recharge trenches either diluted chromium concentrations in groundwater at these wells or mitigated the upward migration of chromium from the UMCf. The increase in chromium concentrations following shutdown of the recharge trenches does not appear to be related to potential changes in the barrier wall since a 2018 evaluation of the integrity and

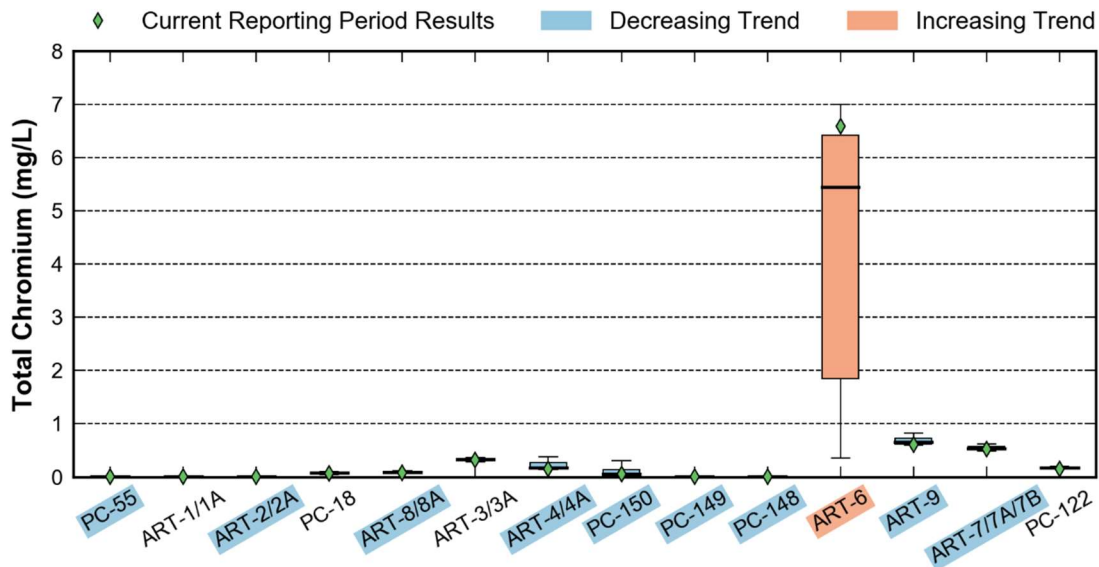
effectiveness of the barrier wall indicated no preferential groundwater flow paths through or around the east and west sides of the barrier wall, as outlined in the Barrier Wall Integrity Evaluation Report, Revision 1 (Ramboll 2019a).



Time Series Plots: Chromium Concentrations Downgradient of the Barrier Wall. This chart depicts chromium concentration data collected immediately downgradient of the barrier wall during the last four years.

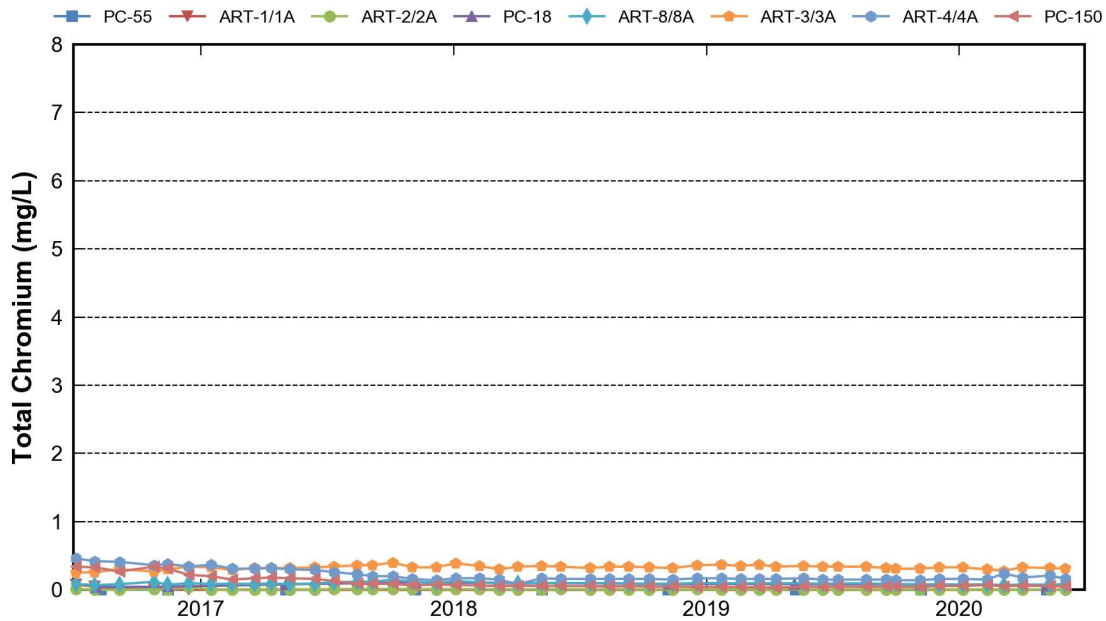
4.2.3 Athens Road Well Field

The charts below show concentrations of total chromium from the last four years in groundwater within the eight AWF extraction wells (ART-1/1A, ART-2/2A, ART-3/3A, ART-4/4A, ART-7A/7B, ART-8/8A, ART-9, and PC-150) and several shallow monitoring wells located along the AWF. Chromium concentrations in the western sub-channel (represented by wells west of PC-149) are lower relative to those in the eastern sub-channel (represented by wells east of PC-148). The statistical analysis indicates that chromium concentrations decreased in nine wells and increased in one well in the AWF over the last four years. Statistically significant trends were not identified in the other four wells. Six of the wells with decreasing trends are extraction wells. The increasing trend was observed in ART-6, which is located in the central portion of the eastern subchannel and within the capture zone of the AWF. Concentrations in ART-6 exhibit more variability over the last four years compared to other AWF wells.

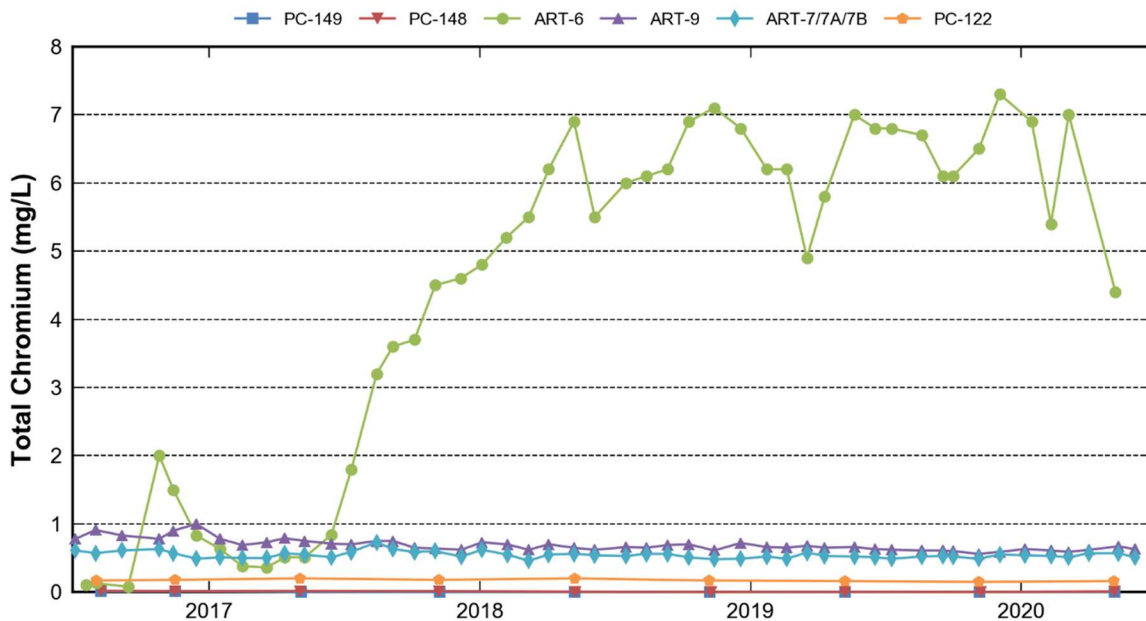


Box Plots: AWF Chromium Concentrations. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile; the “whiskers” represent data in the 5th-95th percentile. The green diamond represents the median value during the reporting period. Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

Concentrations in ART-6 were variable during the reporting period, as shown on the time series plot below. The reason for this variability may be related to the fact that this well has historically been sampled using a bailer, which may have caused disturbance of sediments during the sampling process, potentially resulting in increased turbidity and elevated chromium concentrations due to the presence of suspended colloidal particles. Low-flow sampling for ART-6 was implemented starting with the November 2019 and May 2020 monitoring events. Samples were collected using a bailer in the intervening months until the 2020 SAP was approved by NDEP on April 30, 2020 (NDEP 2020b). The 2020 SAP eliminated monthly sampling for ART-6 (since it’s not an extraction well) and specified that low-flow sampling should be implemented (Ramboll 2020a). Any effects of transitioning to low-flow sampling on concentrations in ART-6 will be evaluated in future performance reports. Additionally, as shown in the time series plot, the steady increase in chromium concentrations in ART-6 started in mid-2017, which is the approximate timeframe in which the AWF extraction rates were increased by approximately 30% from the reporting period preceding it.



Time Series Plots: Western AWF Chromium Concentrations. This chart depicts chromium concentration data collected at the western half of the AWF over the last 4 years.



Time Series Plots: Eastern AWF Chromium Concentrations. This chart depicts chromium concentration data collected at the eastern half of the AWF over the last 4 years.

4.2.4 Seep Well Field

Total chromium concentrations in groundwater samples collected from the wells in the SWF were generally non-detect during the reporting period. For the purpose of the statistical trend analysis presented in Appendix C, half of the detection limit

was substituted for non-detected results. Statistical analysis of chromium concentrations in groundwater at the SWF extraction wells (PC-99R2/R3, PC-115R, PC-116R, PC-117, PC-118, PC-119, PC-120, PC-121, and PC-133) indicate that data from PC-99R2/R3, PC-115R, PC-116R, PC-117, PC-118, PC-120, and PC-133 have an increasing trend; it should be noted, however, that a majority of samples collected at PC-99R2/R3, PC-115R, PC-118, PC-120, and PC-133 during the reporting period had non-detected results for total chromium. No statistically significant trends were identified in the other SWF wells (PC-119 and PC-121). As discussed in Section 4.2, chromium concentrations in groundwater collected in this reporting period from wells in the SWF are less than the MCL of 100 µg/L for total chromium.

4.2.5 Summary

The chromium concentration trends presented in Sections 4.2.1 through 4.2.4 provide a detailed description of the concentration trends that are observed in groundwater from wells within OU-1 and the portions of OU-2 and OU-3 west of Pabco Road. The chromium concentration trends in these wells are generally consistent with the chromium concentrations trends presented in the 2018-2019 Annual Remedial Performance Report. While some of these wells exhibited variability in chromium concentrations over time, when viewed in the aggregate, the data evaluated for this reporting period indicate that the chromium plume (presented on Plate 5) has remained stable relative to the prior reporting period. It is important to note also that chromium concentrations in groundwater will be further evaluated in the forthcoming RI Report for OU-1 and OU-2 and the forthcoming RI Report for OU-3.

5. PERCHLORATE

5.1 Perchlorate Removal

Table 8 presents monthly perchlorate mass removals from inception of the GWETS through the current performance period. During this reporting period, a total of approximately 320,530 pounds of perchlorate were captured and removed from groundwater by the GWETS. This is an approximately 10% decrease compared to the 357,253 pounds removed between July 2018 and June 2019. The decrease in total mass removal is due to reduced perchlorate concentrations in extracted groundwater from each of the three well fields and the AP Area Extraction Wells. The largest decrease in mass removal occurred at the IWF, which removed approximately 20,800 pounds (or 14%) less perchlorate than it did in the previous reporting period between July 2018 to June 2019. Although the average extraction rate increased in the IWF, the average perchlorate concentration decreased by a larger factor, resulting in decreased perchlorate mass removal. A similar pattern was observed at the AP Area. At the AWF and SWF, the average perchlorate concentration decreased while the average extraction rates were generally consistent. Perchlorate concentrations at the well fields are likely decreasing due to continued depletion of perchlorate sources over time.

Weekly perchlorate concentrations in the treated effluent discharge during the reporting period are presented in Table 9. Perchlorate concentrations were between <0.000079 mg/L and 0.013 mg/L during the reporting period – below the NPDES effluent discharge limitation of 0.018 mg/L (30-day average).

5.2 Perchlorate Concentration Trends

Plate 6 presents perchlorate isoconcentration contours from the south end of OU-1 to Las Vegas Wash showing both the NERT and AMPAC plumes. The data used to develop the perchlorate isoconcentration contours includes second quarter 2020 shallow groundwater data collected by the Trust as specified in the 2020 SAP, data collected through implementation of the NERT RI, AMPAC/Endeavour, OSSM, TIMET, and SNWA. These data are available in Table A-1 and Table A-4. Available preliminary data from the Trust's ongoing treatability studies and Unit Buildings 4 and 5 Source Characterization were also evaluated and incorporated into the isoconcentration contour interpretation but are not specifically shown on Plate 6. The perchlorate isoconcentration contours presented on Plate 6 are generally consistent with those presented in the 2018-2019 Annual Remedial Performance Report. As mentioned in Section 4.2, the chromium and perchlorate plumes have nearly identical shapes indicating that the primary source of both contaminants is the same or located in vicinity of one another. This will be discussed in greater detail in the forthcoming RI Report for OU-1 and OU-2.

Figures 7a and 7b present second quarter 2020 perchlorate concentration data for wells screened in the lower Shallow WBZ and Middle WBZ, respectively. Perchlorate concentrations in groundwater in the lower Shallow WBZ ranged from <0.00050 mg/L to 620 mg/L, and perchlorate concentrations in groundwater in the Middle WBZ ranged from <0.00050 mg/L to 640 mg/L; the highest detected concentrations of perchlorate in the lower Shallow WBZ and Middle WBZ were

located in OU-1. Since the Deep WBZ wells are not impacted by COPCs above groundwater screening levels, these wells are not monitored on a regular basis.

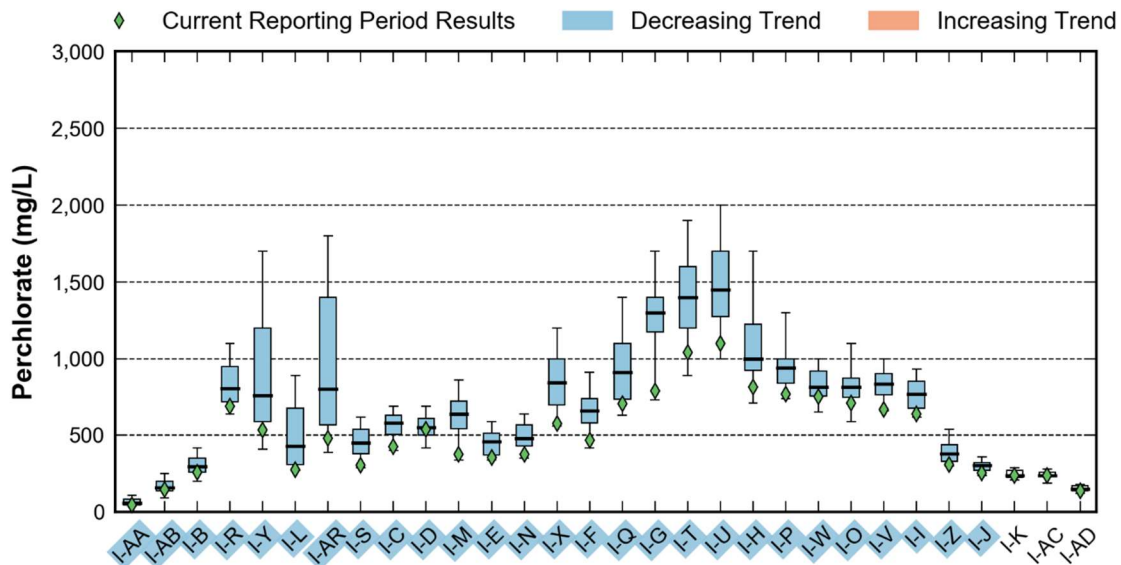
The following sections describe perchlorate concentration trends at various well lines within the perchlorate plume, beginning with the southern-most well line and progressing downgradient to the north towards Las Vegas Wash. The west-east well lines evaluated in this section are consistent with those evaluated in prior reports and include the following (as shown on Figures 2a through 2c and Plate 6):

- **The IWF**, comprised of the 30 IWF extraction wells;
- **Downgradient of the Barrier Wall**, comprised of shallow monitoring wells located immediately north (downgradient) of the barrier wall for which data were available during the reporting period;
- **The AWF**, comprised of the eight AWF extraction wells (ART-1/1A, ART-2/2A, ART-3/3A, ART-4/4A, ART-7A/7B, ART-8/8A, ART-9, and PC-150) and shallow monitoring wells located along the AWF for which data were available during the reporting period;
- **The Athens Road Piezometer (ARP) Well Line**, comprised of shallow monitoring wells located approximately 250 feet north of the AWF;
- **The COH Water Reclamation Facility (WRF) Well Line**, comprised of shallow monitoring wells located east of the COH Bird Viewing Ponds and approximately 2,200 feet north of the AWF;
- **The Lower Ponds Well Line**, comprised of shallow monitoring wells located approximately 4,400 feet north of the AWF and 2,200 feet north of the COH WRF Well Line; and
- **The SWF**, comprised of the 10 SWF extraction wells, two of which (PC-99R2 and PC-99R3) are connected and operate as one combined well.

As requested by NDEP in the December 6, 2016 comment letter on the 2015-2016 Annual Report (NDEP 2016a), this report incorporates statistical analyses of well line concentration trends, as described in Section 4.2. Perchlorate concentration trends at well lines downgradient of the AWF are evaluated in this section because perchlorate concentrations in groundwater exist above NDEP's provisional action level of 18 µg/L between the AWF and Las Vegas Wash. Perchlorate concentration time series plots and statistical trends for the AP Area extraction wells, which were added to the performance monitoring program in April 2018 after completion of the AP Area Soil Flushing Treatability Study, are included in Appendices B and C, respectively.

5.2.1 Interceptor Well Field

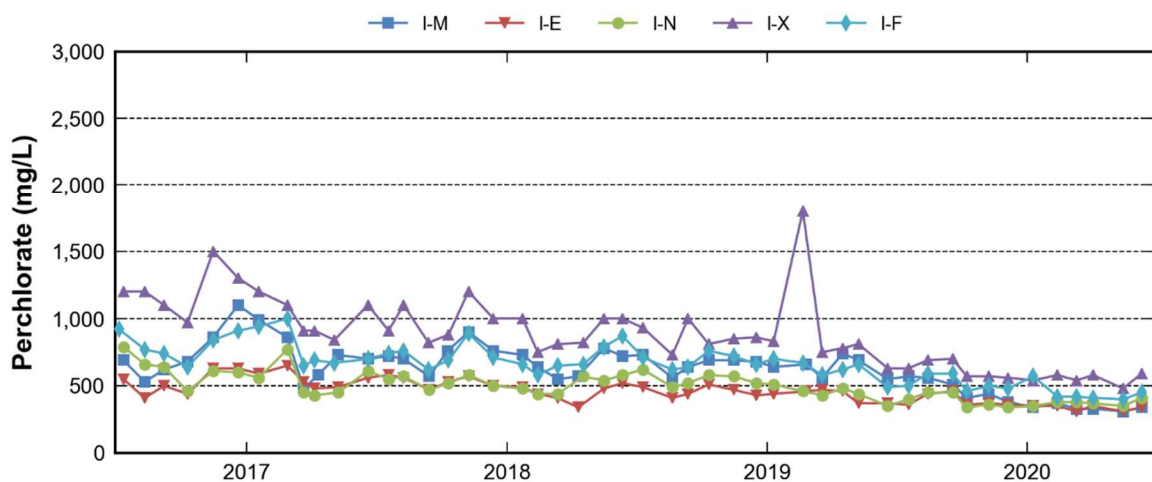
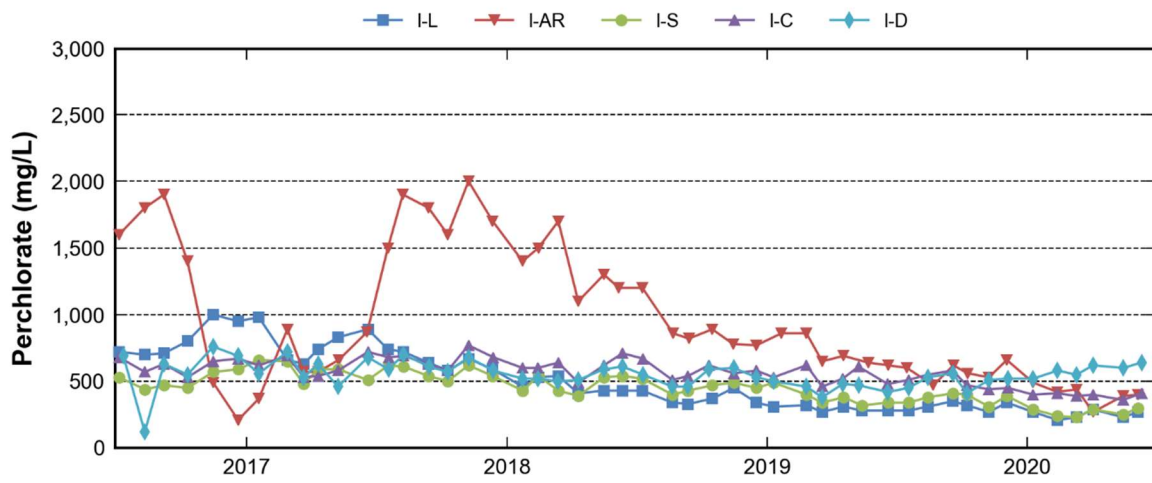
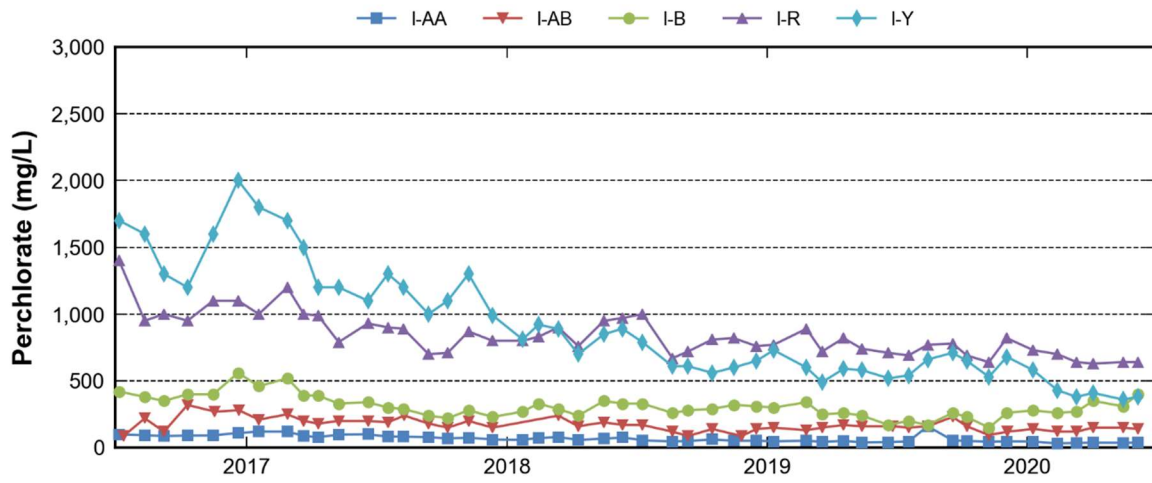
The box plots and time series plots below present perchlorate data over the last four years at the IWF extraction wells in geographical order from west to east. As shown in the box plots, the highest concentrations are located in the western and central portions of the well line. The statistical analysis indicates that concentrations in groundwater in a majority of the IWF wells (27 wells) have decreased over the last four years. Statistically significant trends were not identified in the three easternmost extraction wells (I-K, I-AC, and I-AD).



Box Plots: IWF Perchlorate Concentrations. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile; the “whiskers” represent data in the 5th-95th percentile. The green diamond represents the median value during the reporting period. Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

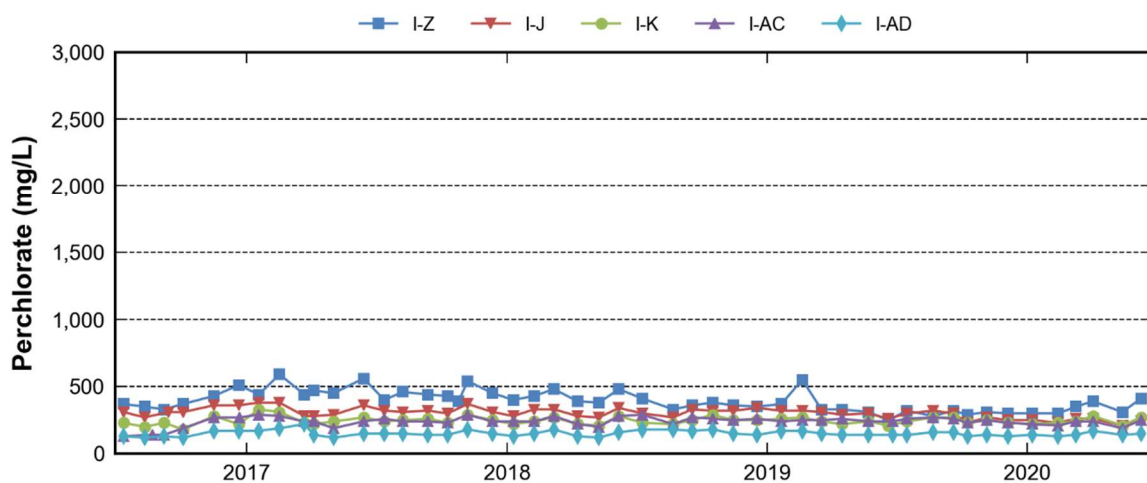
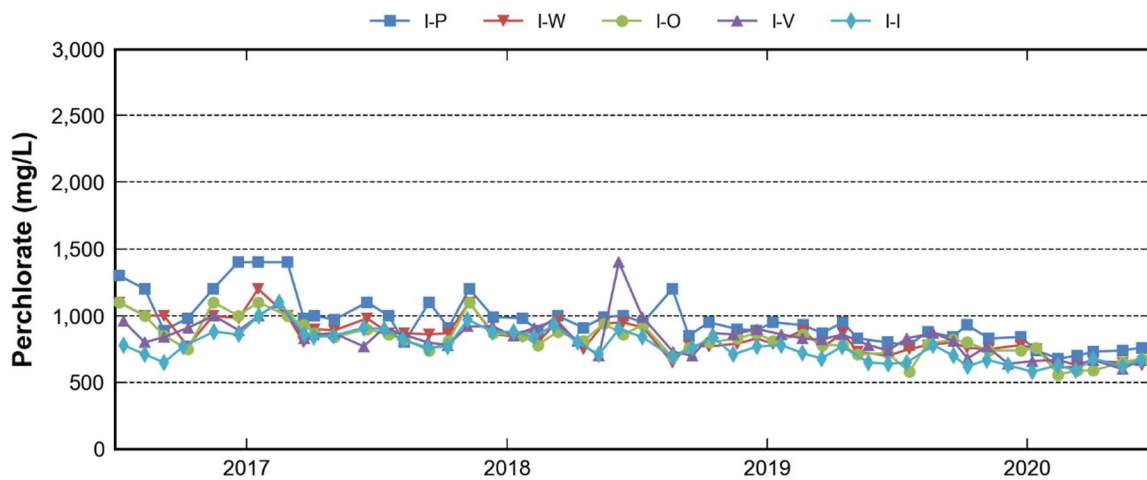
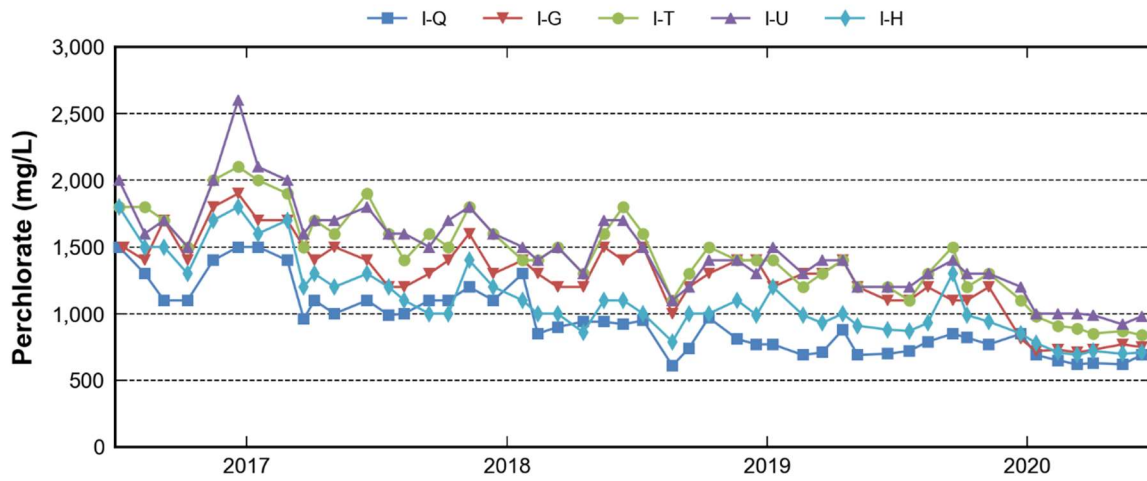
As shown on the time series plots below, concentrations measured during the reporting period appear generally consistent with the observed statistical trends over the last four years discussed above showing overall decreasing trends at the IWF. Perchlorate concentrations in this area will continue to be evaluated in future performance reports.

Annual Groundwater Monitoring and GWETS Performance Report
 Nevada Environmental Response Trust Site
 Henderson, Nevada



Time Series Plots: IWF Perchlorate Concentrations. These charts depict perchlorate concentration data collected in IWF wells during the last four years, presented in geographical order from west to east.

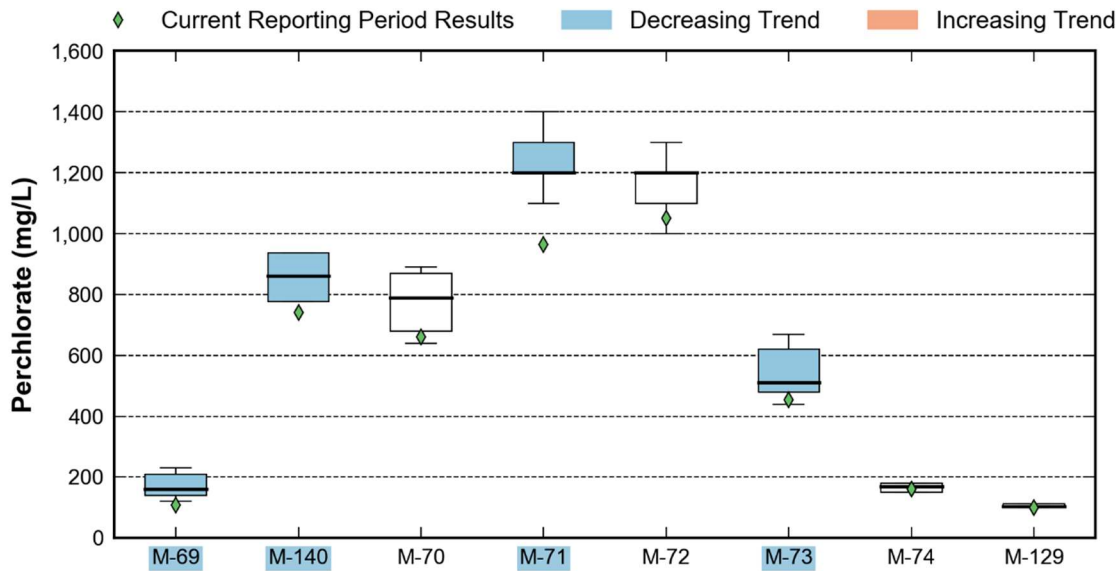
Annual Groundwater Monitoring and GWETS Performance Report
 Nevada Environmental Response Trust Site
 Henderson, Nevada



Time Series Plots: IWF Perchlorate Concentrations. These charts depict perchlorate concentration data collected in IWF wells during the last four years, presented in geographical order from west to east.

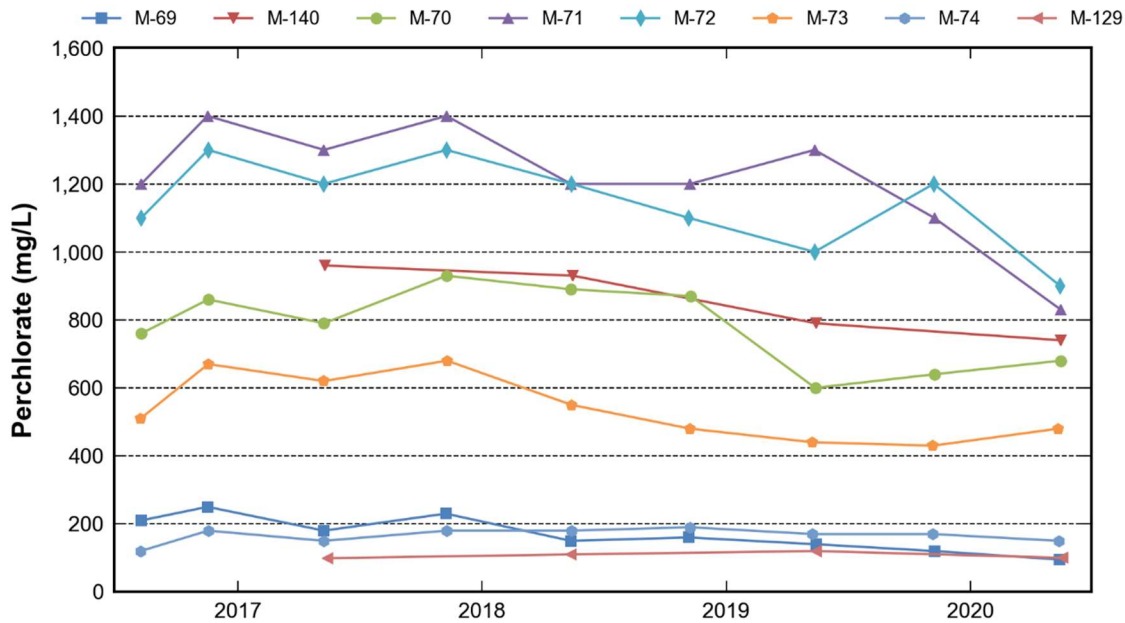
5.2.2 Downgradient of Barrier Wall

As shown below, the statistical analysis indicates that perchlorate concentrations decreased in well M-69, which is located between the barrier wall and former recharge trenches. Decreasing trends were also identified for perchlorate concentrations in wells M-140, M-71, and M-73. Statistically significant trends were not identified at the other four monitoring wells. Similar to the IWF, the highest concentrations are located in the central and western portions of the well line. The wells in this area exhibit groundwater perchlorate concentrations below 1,500 mg/L and are located within the capture zone of the AWF.



Box Plots: Perchlorate Concentrations Downgradient of the Barrier Wall. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile; the “whiskers” represent data in the 5th-95th percentile. The green diamond represents the median value during the reporting period. Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

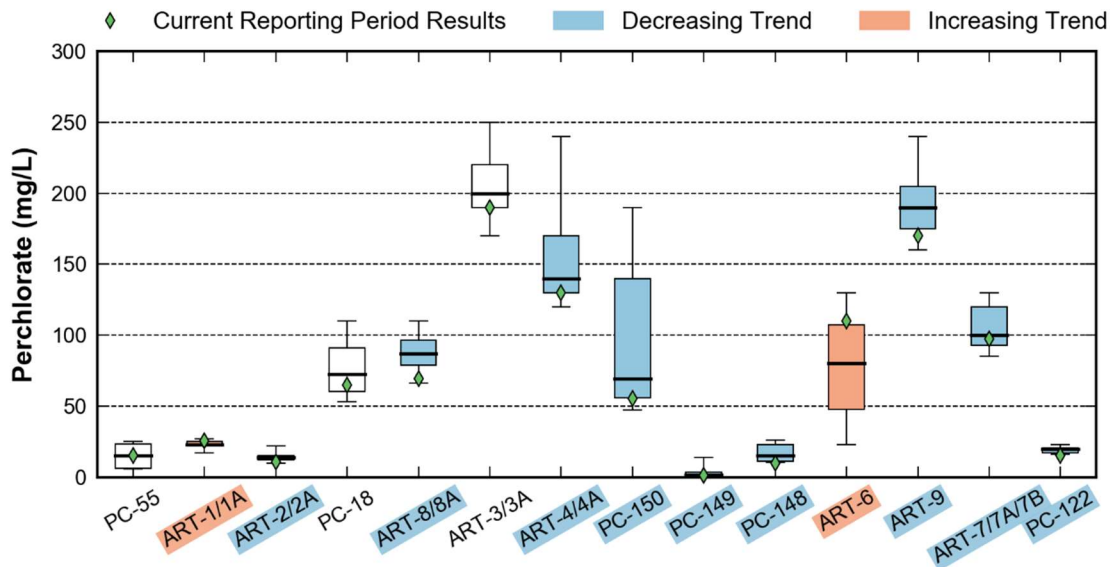
Perchlorate concentrations during the reporting period (as shown on the time series plots below) appear generally consistent with the observed statistical trends over the last four years discussed above. As described in Section 4.2.2, an evaluation of barrier wall effectiveness was conducted in 2018, the results of which indicate no preferential groundwater flow paths through or around the east and west sides of the barrier wall.



Time Series Plots: Perchlorate Concentrations Downgradient of the Barrier Wall. This chart depicts perchlorate concentration data collected immediately downgradient of the barrier wall over the last four years.

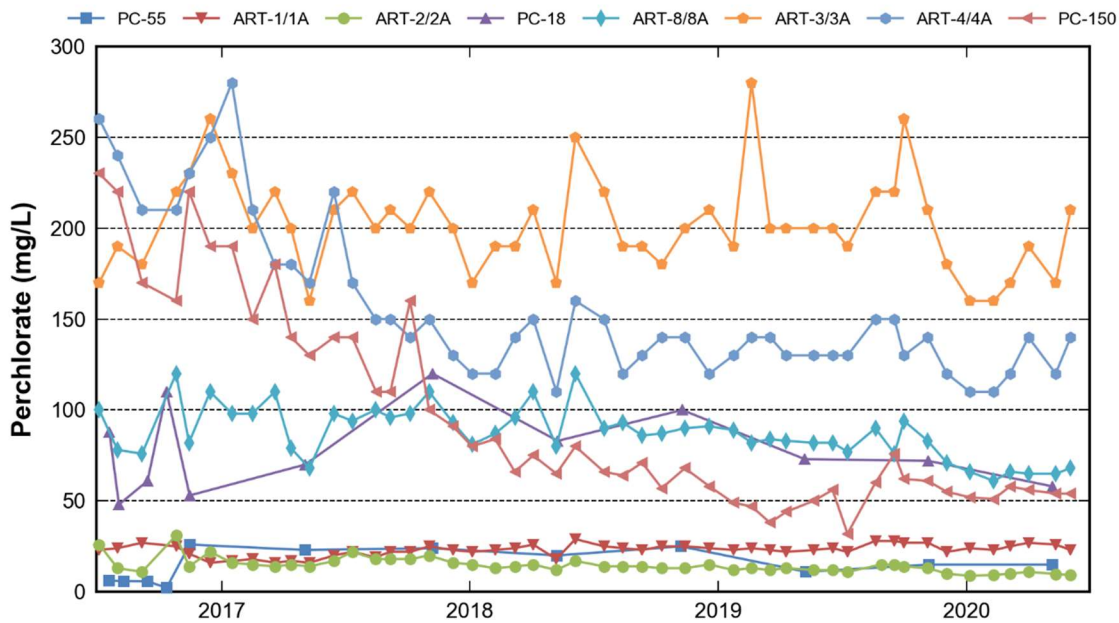
5.2.3 Athens Road Well Field

Perchlorate concentrations in the AWF’s eight extraction well pairs and six shallow monitoring wells located along the AWF are shown in the charts below. Perchlorate concentrations in the western sub-channel (represented by wells west of PC-149) are similar to those in the eastern sub-channel (represented by wells east of PC-148). The statistical analysis indicates that perchlorate concentrations decreased in nine wells over the last four years but increased in two wells (ART-1/1A, and ART-6). Statistically significant trends were not identified for the other three monitoring wells over the last four years. As discussed in Sections 8.2.3 and 8.2.6, the capture zone of the AWF extends to the west where the perchlorate plume associated with the AMPAC/Endeavour site is located. The eastern lobe of the AMPAC/Endeavour plume becomes comingled with the plume from OU-1 in this area, as shown on Plate 6.

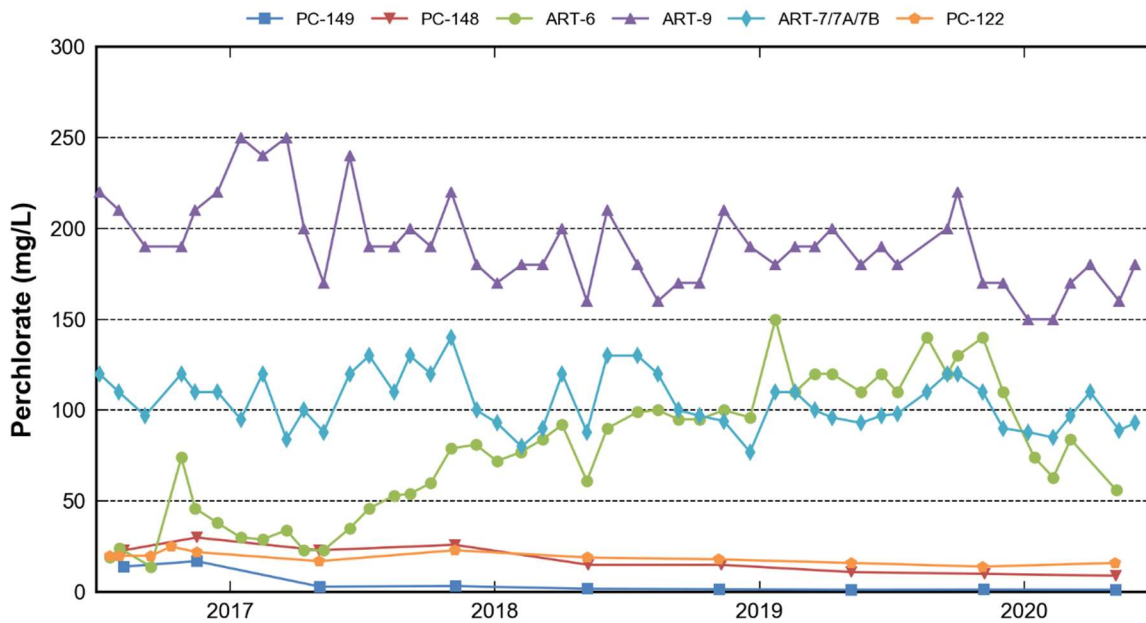


Box Plots: AWF Perchlorate Concentrations. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile; the “whiskers” represent data in the 5th-95th percentile. The green diamond represents the median value during the reporting period. Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

During the reporting period, perchlorate concentrations were generally consistent with the observed statistical trends over the last four years discussed above, with the exception of PC-150 and ART-6. Concentrations in PC-150 remained relatively stable during the reporting period compared to the decreasing trend observed during prior reporting periods. Concentrations in ART-6 decreased in the latter half of the reporting period, as shown on the time series plot below. The reason for this variability may be related to changes in the sampling process. Historically, this well was sampled using a bailer, which may have caused disturbance of sediments during the sampling process, potentially resulting in increased turbidity and elevated perchlorate concentrations due to the presence of suspended colloidal particles. Low-flow sampling for ART-6 was implemented starting with the November 2019 and May 2020 monitoring events. Samples were collected using a bailer in the intervening months until the 2020 SAP was approved by NDEP on April 30, 2020 (NDEP 2020b). The 2020 SAP eliminated monthly sampling for ART-6 (since it’s not an extraction well) and specified that low-flow sampling should be implemented (Ramboll 2020a). Any effects of transitioning to low-flow sampling on concentrations in ART-6 will be evaluated in future performance reports.



Time Series Plots: Western AWF Perchlorate Concentrations. This chart depicts perchlorate concentration data collected in the western half of the AWF over the last four years.

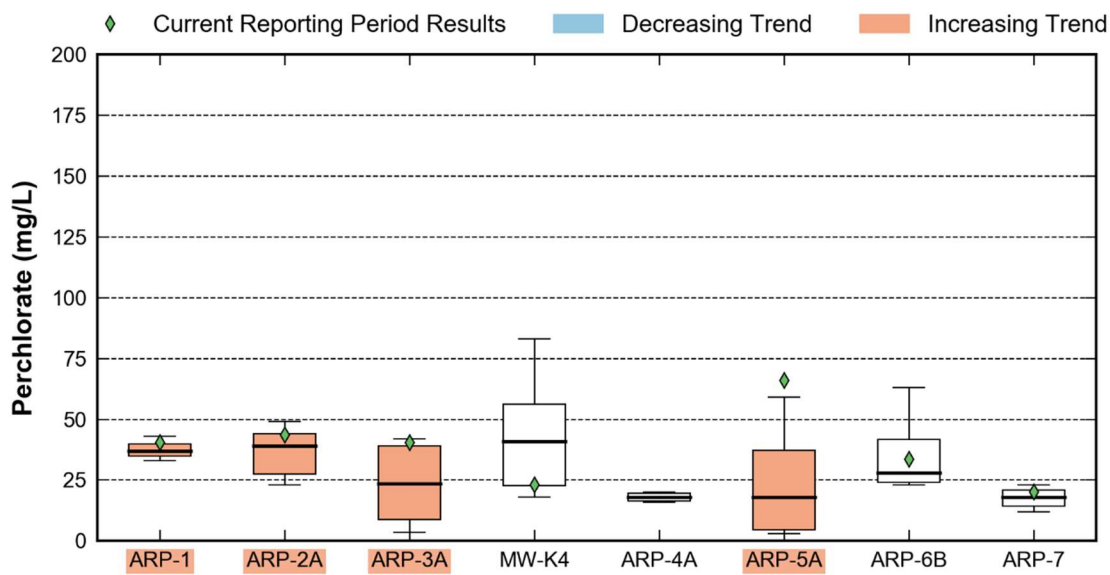


Time Series Plots: Eastern AWF Perchlorate Concentrations. This chart depicts perchlorate concentration data collected in the eastern half of the AWF over the last four years.

5.2.4 Athens Road Piezometer Well Line

Concentrations of perchlorate within the ARP Well Line were consistently less than 100 mg/L during the last four years. The statistical analysis indicates that perchlorate concentrations on the western and central portion of the well line (ARP-

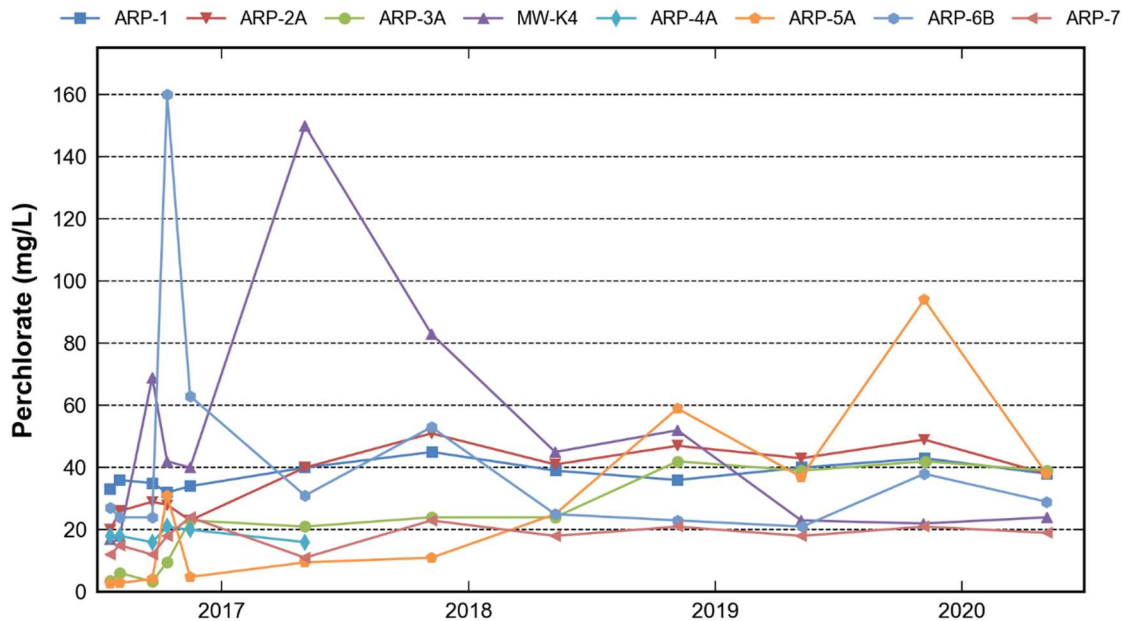
1, ARP-2A, ARP-3A, and ARP-5A) have increased. The most pronounced increase in perchlorate concentrations along the well line is in ARP-5A, with the median of the current reporting period's results exceeding the 95th percentile of perchlorate concentrations measured in ARP-5A from June 2016 through June 2020. A statistically significant trend was not identified in MW-K4, ARP-4A, ARP-6B, and ARP-7, although groundwater samples have not been collected in ARP-4A since May 2017 due to insufficient water in the well during sampling events. As shown in the plume map on Plate 6 and discussed in the previous section, the wells on the western edge of the ARP well line are impacted by the perchlorate plume originating from the former AMPAC/Endeavour site. The forthcoming RI Report for OU-3 will discuss groundwater quality in this area in greater detail.



Box Plots: ARP Perchlorate Concentrations. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile; the "whiskers" represent data in the 5th-95th percentile. The green diamond represents the median value during the reporting period. Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

During the reporting period, perchlorate concentrations were generally consistent with the observed statistical trends over the last four years discussed above, as shown on the time series plots below. In 2018, in accordance with comments from NDEP on the 2015 and 2016 Annual Remedial Performance Reports noting increasing perchlorate concentrations in shallow wells located downgradient of the AWF and suggesting that capture at the AWF be further evaluated, The AWF Capture Evaluation and Matrix Diffusion Study was conducted in this area to determine whether the perchlorate concentrations in groundwater at the wells of the ARP Well Line are not declining because of gaps in the capture zone of the AWF or because of the effect of upward migration from the UMCf (Ramboll Environ 2017c). The tracer test completed as part of this study did not identify any gaps in the capture zone of the AWF, and upward migration of perchlorate from the UMCf

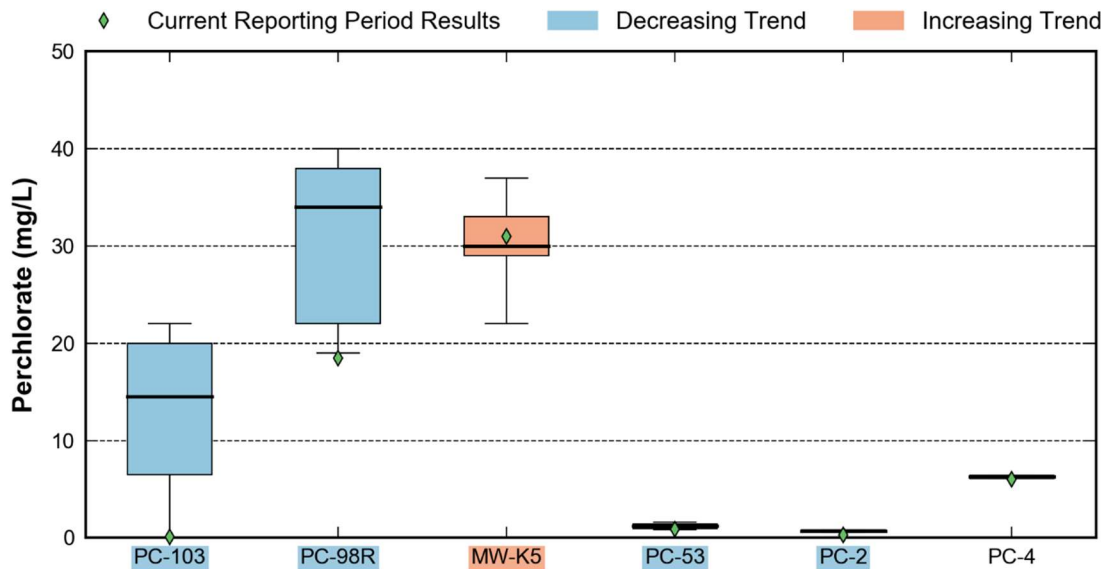
was identified as a significant reason for persistent concentrations in the area downgradient of the AWF. The results of this evaluation and further discussion regarding the persistent nature of contamination north of the AWF will be presented in the forthcoming RI Report for OU-1 and OU-2.



Time Series Plots: ARP Perchlorate Concentrations. This chart depicts perchlorate concentration data collected from the ARP wells over the last four years.

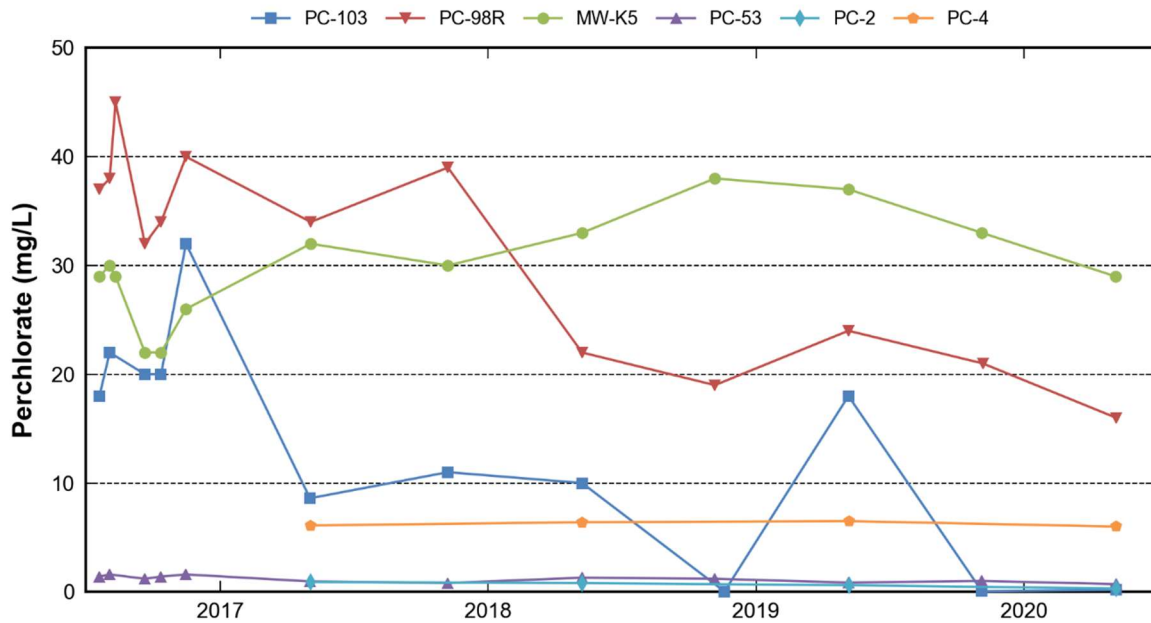
5.2.5 City of Henderson Water Reclamation Facility Well Line

Perchlorate concentrations in the COH WRF Well Line are shown in the charts below. Well MW-K5, located near the central portion of the COH WRF Well Line, has shown a statistically significant increase in concentration over the last four years, while concentrations in PC-103, PC-98R, PC-53, and PC-2 have decreased. The median perchlorate concentrations for the reporting period in PC-103 and PC-98R are near or lower than the 95th percentile of perchlorate concentrations measured from June 2016 through June 2020. Statistically significant trends were not identified at the other well, PC-4. As shown on Plate 6 and discussed in Section 5.2.3, the perchlorate concentrations in MW-K5 may be impacted by the adjacent AMPAC/Endeavour perchlorate plume in addition to the operation of the COH Bird Viewing Ponds. The forthcoming RI Report for OU-3 will discuss groundwater quality in this area in greater detail.



Box Plots: COH WRF Perchlorate Concentrations. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile; the “whiskers” represent data in the 5th-95th percentile. The green diamond represents the median value during the reporting period. Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

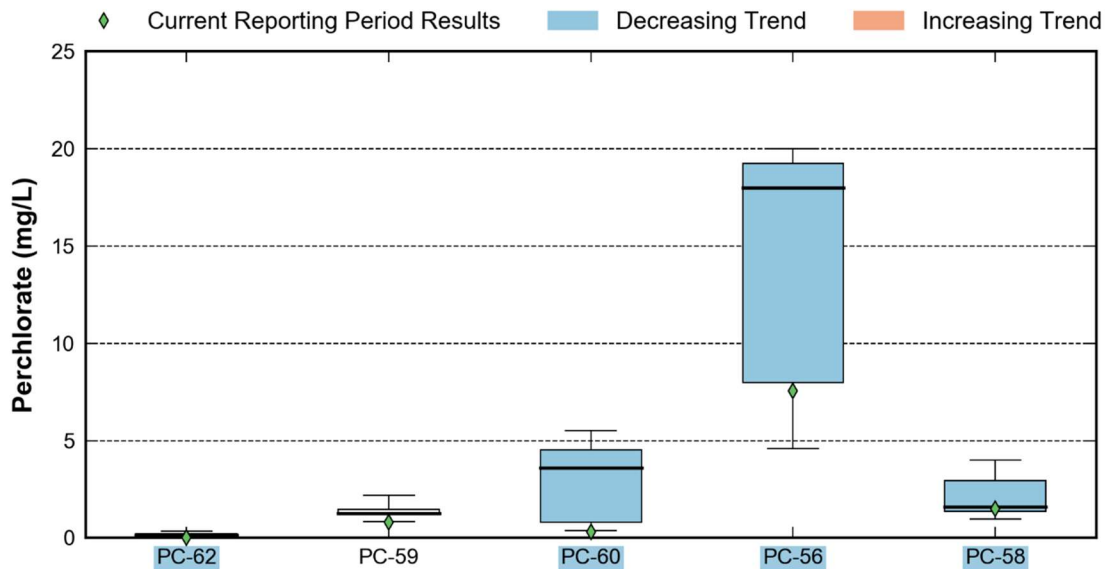
As shown on the time series plots, concentrations measured during the reporting period were generally consistent with the observed statistical trends over the last four years discussed above, with the exception of concentrations in MW-K5, which decreased rather than increased during the last reporting period. Concentrations in MW-K5 during the reporting period were still consistent with historic concentration values. The cause of the decreasing concentrations in MW-K5 during the reporting period is unclear; however, it is noted that the wells in this area are located adjacent to the COH Bird Viewing Ponds, and as such are impacted by pond operations. The cause of these trends will be further evaluated in future performance reports and the forthcoming RI Report for OU-3.



Time Series Plots: COH WRF Perchlorate Concentrations. This chart depicts perchlorate concentration data collected in the COH WRF well line over the last four years.

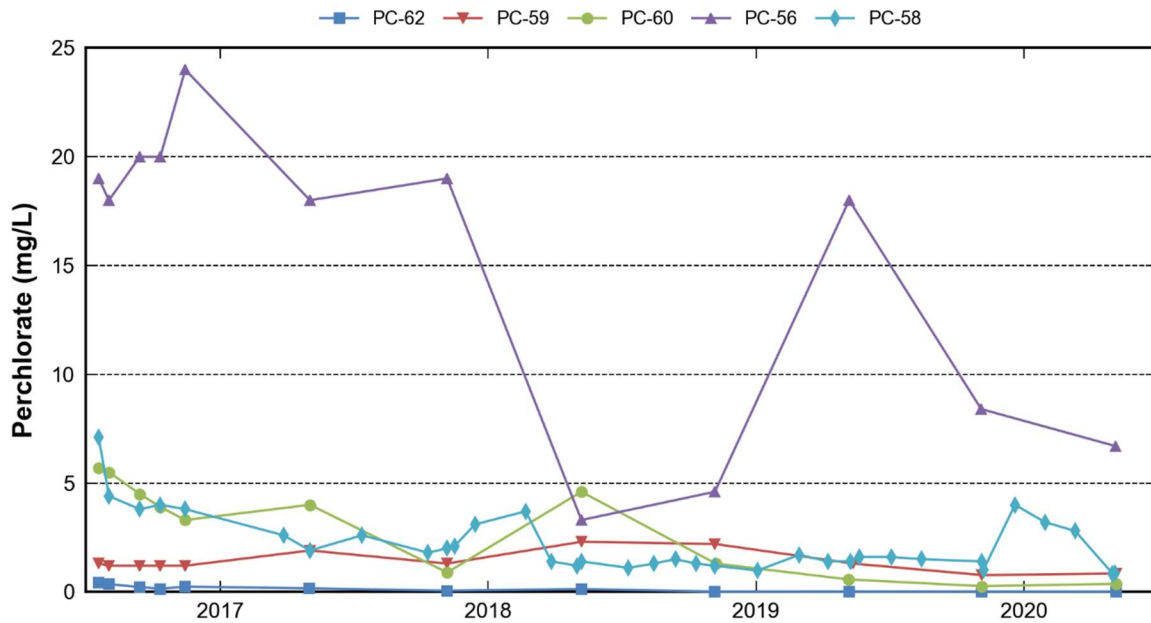
5.2.6 Lower Ponds Well Line

As shown below, the highest concentrations in the Lower Ponds Well Line are in well PC-56. Perchlorate concentrations in groundwater at well PC-56 have historically been higher and more variable than concentrations in groundwater at other wells along the Lower Ponds Well Line and may be related to the well’s location with respect to the paleochannels, as shown on Plate 6. However, the statistical analysis indicates that perchlorate concentrations in groundwater at wells PC-62, PC-60, PC-56, and PC-58 have decreased over the last four years. Statistically significant trends were not identified in the other well, PC-59.



Box Plots: Lower Ponds Perchlorate Concentrations. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile; the “whiskers” represent data in the 5th-95th percentile. The green diamond represents the median value during the reporting period. Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

Concentrations measured during the reporting period are generally consistent with the observed statistical trends over the last four years discussed above, as shown in the time series plots below. Perchlorate concentrations in groundwater at well PC-56 decreased during the reporting period, consistent with the statistical trend over the last four years. While groundwater in PC-58 exhibited an increase in concentration in December 2019, concentrations decreased by May 2020 to levels that are consistent with values observed during the prior reporting period.

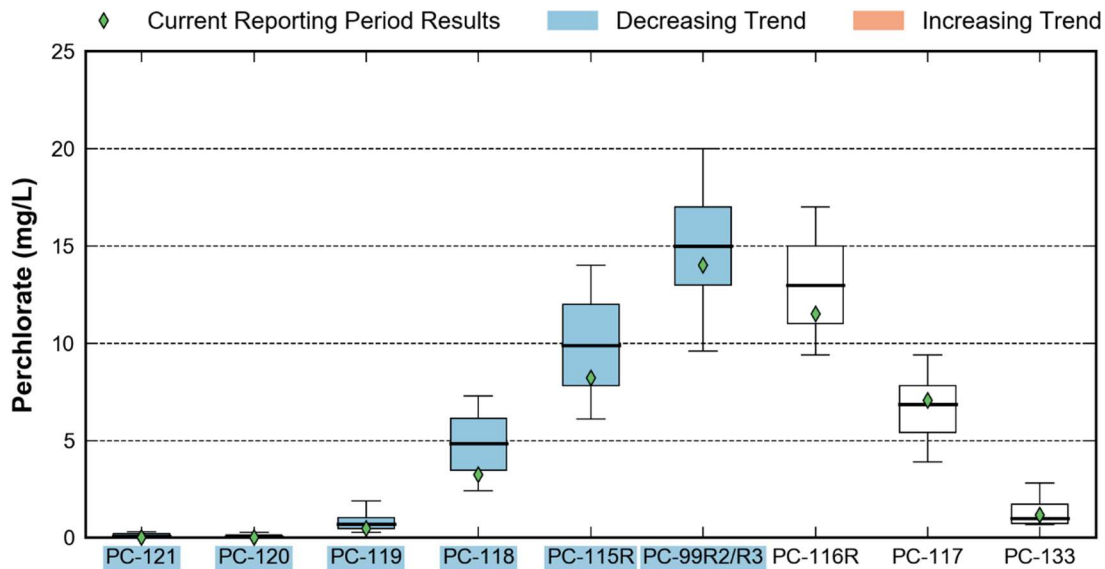


Time Series Plots: Lower Ponds Perchlorate Concentrations. This chart depicts perchlorate concentration data collected in the Lower Ponds well line over the last four years.

5.2.7 Seep Well Field

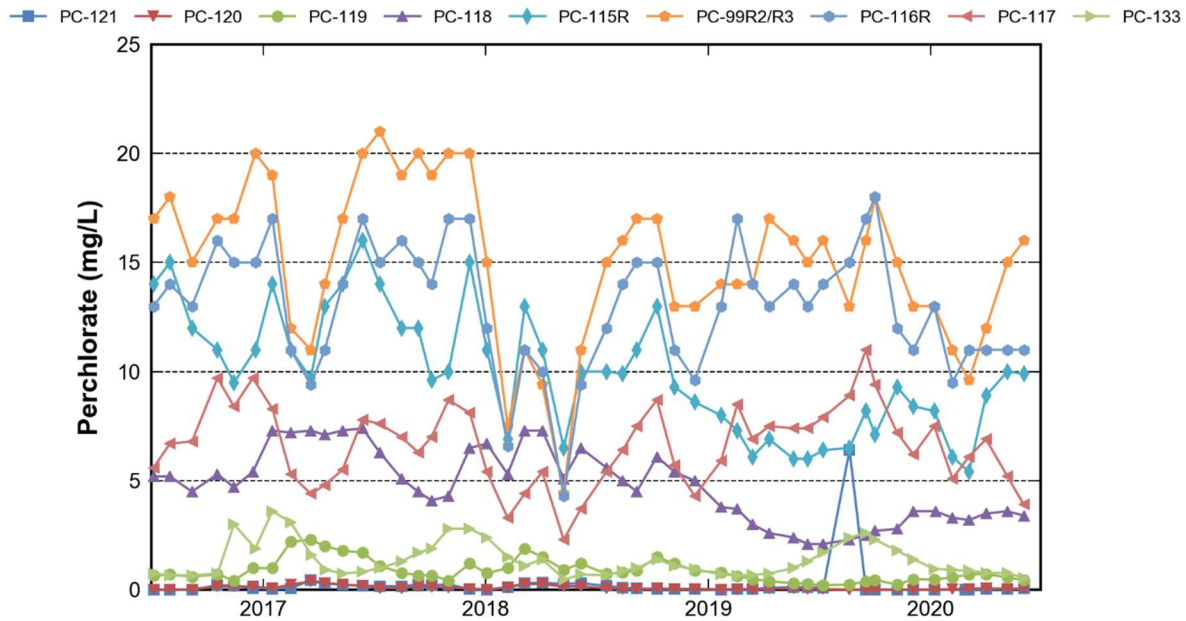
The SWF is located approximately 1 mile downgradient (north) of the AWF and is the last point of extraction and contaminant removal before groundwater intersects Las Vegas Wash. While the SWF wells contribute approximately 60% of the total volume of water treated by the GWETS, the relatively low perchlorate concentrations in these wells means that changes in their concentration do not have a large impact on the overall quantity of perchlorate removed from the environment.

As shown in the box plots below, the highest concentrations of perchlorate are located in the central portion of the well line near PC-99R2/R3, which is positioned in the center of a broad paleochannel. The statistical analysis indicates that concentrations in groundwater in the western and central portions of the SWF (PC-121, PC-120, PC-119, PC-118, PC-115R, and PC-99R2/R3) have decreased over the last four years. Statistically significant trends were not identified in the three easternmost extraction wells (PC-116R, PC-117, and PC-133). Concentrations in groundwater on the east half of the SWF have generally shown higher variability over the last four years compared to the wells in the west half of the SWF. As discussed in further detail in Section 8.2.6, perchlorate observed in wells in the SWF is sourced in part from the portion of the AMPAC/Endeavour perchlorate plume which comingles with the NERT plume in the vicinity of the AWF.



Box Plots: SWF Perchlorate Concentrations. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile; the “whiskers” represent data in the 5th-95th percentile. The green diamond represents the median value during the reporting period. Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

As shown on the time series plots below, concentrations measured during the reporting period were generally consistent with the observed statistical trends over the last four years discussed above, except in wells PC-118, PC-115R, and PC-99R2/R3. Perchlorate concentrations in groundwater samples collected from these three wells appeared to generally increase during the reporting period, which may be related to these wells’ locations with respect to the paleochannels, as shown on Plate 6. The elevated perchlorate concentration observed in groundwater at well PC-121 in August 2019 appears to be an anomaly, as data for this well from the last four years are under 1 mg/L.



Time Series Plots: SWF Perchlorate Concentrations. This chart depicts perchlorate concentration data collected in the SWF over the last four years.

5.2.8 Summary

The perchlorate concentration trends presented in Sections 5.2.1 through 5.2.7 provide a detailed description of the concentration trends that are observed in groundwater at individual wells within OU-1 and the portions of OU-2 and OU-3 west of Pabco Road. The perchlorate concentration trends in these wells are generally consistent with the perchlorate concentrations trends presented in the 2018-2019 Annual Remedial Performance Report for Chromium and Perchlorate (Ramboll, 2019c). While some of these wells exhibited variability in perchlorate concentrations over time, when viewed in the aggregate, the data evaluated for this reporting period indicate that the perchlorate plume (presented on Plate 6) has remained stable compared to the prior reporting period. It is important to note that as depicted on Plate 6, the AMPAC plume affects concentrations at the AWF and the SWF. Overall perchlorate concentrations in groundwater and the effect of the AMPAC plume will be further evaluated in the forthcoming RI Report for OU-1 and OU-2 and the forthcoming RI Report for OU-3.

6. CHLOROFORM AND OTHER VOLATILE ORGANIC COMPOUNDS

6.1 Volatile Organic Compounds

Chloroform and other VOCs were added to the performance monitoring program as part of the 2016 Groundwater Monitoring Optimization Plan after initial evaluation of RI data suggested that these chemicals were present at detectable levels throughout OU-1 and the portions of OU-2 and OU-3 west of Pabco Road (Ramboll Environ 2016a). Beginning in May 2017, comprehensive VOC sampling has been conducted within these areas on an annual basis during the second quarter sampling event. The 2020 SAP increased the number of wells sampled for VOCs during this sampling event; however, these locations were still limited to the portions of OU-2 and OU-3 west of Pabco Road consistent with the NERT Phase 3 RI Work Plan Addendum (Ramboll Environ, 2017b). In 2020, NDEP requested that NERT evaluate all its COPCs across the entire NERT RI Study Area. Upon subsequent discussions with NDEP, the Trust presented data which confirmed that its groundwater analysis east of Pabco Road should remain limited to perchlorate, chlorate, and general water quality parameters. Thus, the discussion of VOCs in this section is limited to OU-1 and the portions of OU-2 and OU-3 west of Pabco Road.¹²

The VOC results from the fourth annual event sampled during the second quarter 2020 sampling event are presented in Table A-3. The forthcoming RI Report for OU-1 and OU-2 will discuss the extent of VOCs in groundwater in greater detail.

6.2 Chloroform Concentration Trends

Plate 7 shows the contoured chloroform plume from the south end of OU-1 to Las Vegas Wash.¹² The data used to develop the chloroform isoconcentration contours includes second quarter 2020 shallow groundwater data collected by the Trust as specified in the 2020 SAP, data collected through implementation of the NERT RI, OSSM, and TIMET, in addition to 2015, 2018, and 2020 shallow groundwater data collected by BRC (primarily east of Pabco Road). These data are available in Table A-1 and Table A-4. Available preliminary data from the Trust's Unit Buildings 4 and 5 Source Characterization were also evaluated and incorporated into the isoconcentration contour interpretation but are not specifically shown on Plate 7. The chloroform isoconcentration contours presented on Plate 7 are generally consistent with those presented in the 2018-2019 Annual Remedial Performance Report. It is important to note that the chloroform plume shape is inconsistent with the shape of the chromium and perchlorate plumes indicating the additional source areas are contributing to the distribution of chloroform in groundwater.

As shown on Plate 7, the area of highest concentrations of chloroform within OU-1 are associated with a trespassing chlorinated VOC plume identified at the adjacent OSSM Site. This plume is the subject of on-going discussions between OSSM and

¹² The presence of chloroform and other VOCs within the Eastside Sub-Area (i.e., east of Pabco Road) will be investigated and remediated by BRC, if necessary, pursuant to the terms of the 2006 AOC.

NDEP. In addition to the plume, DNAPL originating from the OSSM Site has accumulated on NERT's property that serves as a long-term threat to groundwater quality. In addition, VOCs associated with the trespassing plume are migrating across the NERT Site and offsite to the north into OU-2. While a timeline for OSSM addressing the trespassing plume and DNAPL has yet to be communicated to the Trust by either NDEP or OSSM, it is the assumption of the NERT that OSSM will implement remedial measures to mitigate the continued migration of dissolved contaminants and DNAPL onto the NERT Site consistent with the BMI Regional Goals and Directives established by NDEP. A detailed discussion regarding the OSSM trespassing chemicals and their migration through and downgradient of OU-1, as well as other sources of chloroform within and adjacent to OU-1, will be presented in the forthcoming RI Report for OU-1 and OU-2.

Figures 8a and 8b present second quarter 2020 chloroform concentration data for wells screened in the lower Shallow WBZ and Middle WBZ, respectively. Chloroform concentrations in groundwater in the lower Shallow WBZ ranged from <0.25 µg/L to 2,800 µg/L, and chloroform concentrations in groundwater in the Middle WBZ ranged from <0.25 µg/L to 1,200 µg/L; the highest detected concentrations of chloroform in the lower Shallow WBZ and Middle WBZ were located in OU-1. None of the wells that are sampled as part of the performance monitoring program are screened in the Deep WBZ.

The following sections describe chloroform concentration trends at various well lines within the shallow chloroform plume, beginning with the southernmost well line and progressing downgradient to the north towards Las Vegas Wash. Consistent with the evaluation presented in prior performance reports, the west-east well lines evaluated in this section are generally similar to those evaluated for perchlorate, with the exception of the extraction well fields. VOCs were not collected from extraction wells due to the potential for volatilization of organics when sampled from an extraction well pumping at high flow rates; as such, chloroform concentrations were not evaluated at the extraction well fields. Chloroform concentrations were instead evaluated at alternative well lines comprised of shallow monitoring wells located upgradient of the extraction well fields. The well lines evaluated in this section include the following (as shown on Figures 2a through 2c and Plate 7):

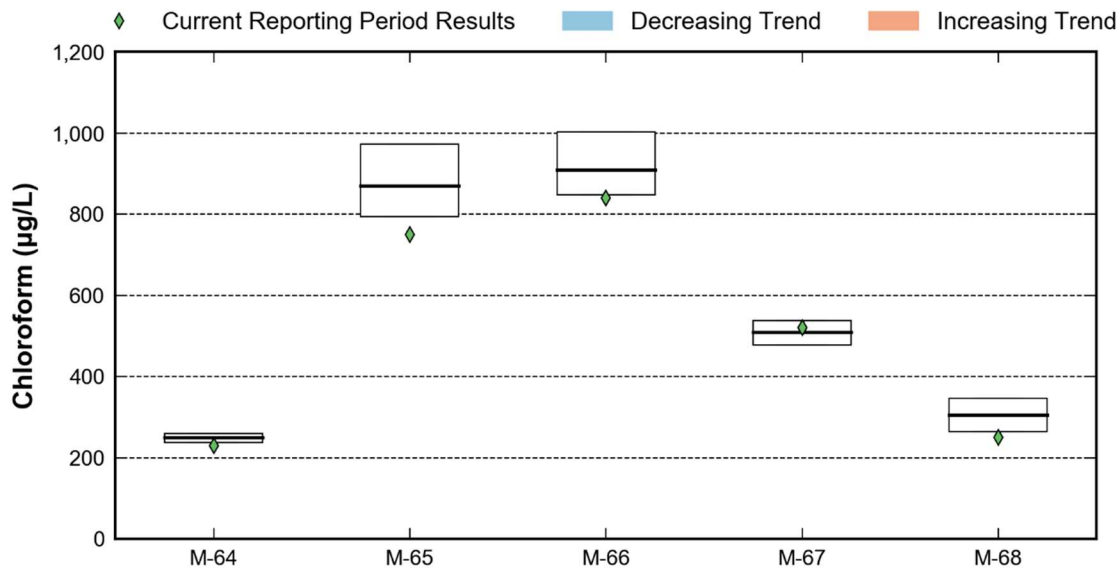
- **Upgradient of the IWF**, comprised of shallow monitoring wells located approximately 100 feet south (upgradient) of the IWF for which data were available during the reporting period;
- **Downgradient of the Barrier Wall**, comprised of shallow monitoring wells located immediately north (downgradient) of the barrier wall for which data were available during the reporting period;
- **Sunset Road Well Line**, comprised of shallow monitoring wells located along Sunset Road, approximately 1,400 feet upgradient of the AWF;
- **The ARP Well Line**, comprised of shallow monitoring wells located approximately 250 feet north of the AWF;

- **The COH WRF Well Line**, comprised of shallow monitoring wells located east of the COH Bird Viewing Ponds and approximately 2,200 feet north of the AWF; and
- **The Lower Ponds Well Line**, comprised of shallow monitoring wells located approximately 4,400 feet north of the AWF and 2,200 feet north of the COH WRF Well Line.

These well lines were selected in order to evaluate chloroform concentrations between the southern boundary of OU-1 and the Las Vegas Wash. Statistical box plots are included to present chloroform data trends from the last four reporting periods.

6.2.1 Upgradient of the Interceptor Well Field

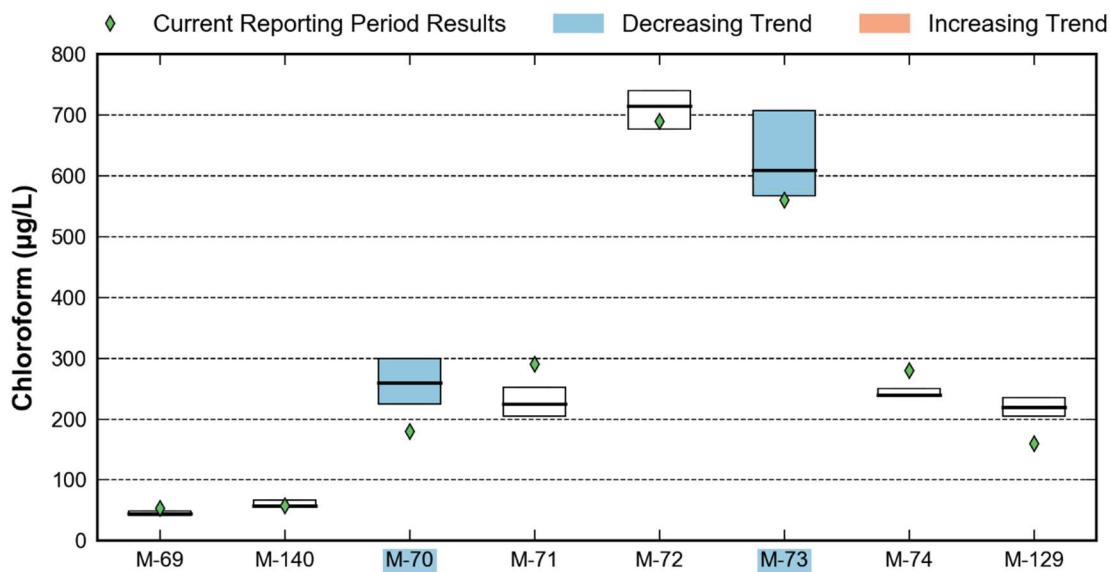
The wells plotted below are located approximately 100 feet south (upgradient) of the IWF and do not extend west of the former Ammonium Perchlorate manufacturing area. As such, chloroform concentrations associated with OSSM’s trespassing plume, which is located immediately to the west of this well line, are not being evaluated in this report but will be thoroughly discussed in the forthcoming RI Report of OU-1 and OU-2. Chloroform concentrations immediately upgradient of the IWF have generally remained less than 1,000 µg/L over the past four years. As shown below and on Plate 7, chloroform concentrations appear to be higher near the center of the IWF and lower towards the edges of the well field. Statistically significant trends were not identified in the monitoring wells.



Box Plots: Chloroform Concentrations Upgradient of the IWF. Wells are shown in geographical order from west to east. For each well location, data from the second quarter July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile. The green diamond represents the only value from the reporting period (i.e., the 2020 concentration). Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

6.2.2 Downgradient of the Barrier Wall

As shown below and on Plate 7, chloroform concentrations in groundwater at wells located between the barrier wall and former recharge trenches are generally less than 800 µg/L and somewhat lower than those upgradient of the barrier wall. Similar to the discussion presented above in Section 6.2.3, this transect does not extend far enough to the west to evaluate concentrations associated with OSSM’s trespassing plume. The highest concentrations were observed in the eastern-central portion of the well line. The statistical analysis indicates decreasing trends for perchlorate concentrations in wells M-70 and M-73. Statistically significant trends were not identified in the other six monitoring wells.

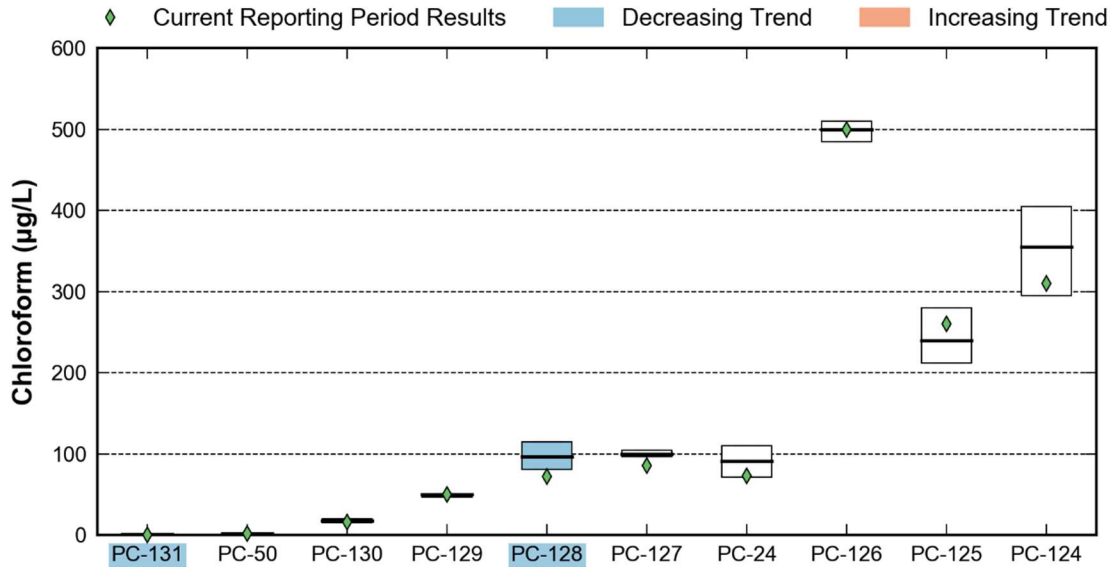


Box Plots: Chloroform Concentrations Downgradient of the Barrier Wall. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile. The green diamond represents the only value from the reporting period (i.e., the 2020 concentration). Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

6.2.3 Sunset Road Well Line

As shown below, chloroform concentrations are significantly lower along the Sunset Road Well Line than in the two previously discussed well lines (which are located within OU-1), with chloroform concentrations ranging from 0.57 µg/L to 500 µg/L for the Sunset Road Well Line. For the Sunset Road Well Line, higher chloroform concentrations were observed in groundwater from wells located on the east side of the well line. Statistically significant decreasing trends were identified in PC-128 and PC-131, but no other statistically significant trends were identified in the remaining wells. As shown on Plate 7, the chloroform plume likely extends further east of the Sunset Road Well Line; however, consistent the RI Phase 3 Work Plan and the NERT SAP, NERT has not collected additional VOC groundwater data east of

Pabco Road.¹³ The extent of chloroform in this area as shown on Plate 7 has been interpreted based on available data from BRC and TIMET within the portions of OU-2 and OU-3 east of Pabco Road.¹⁴



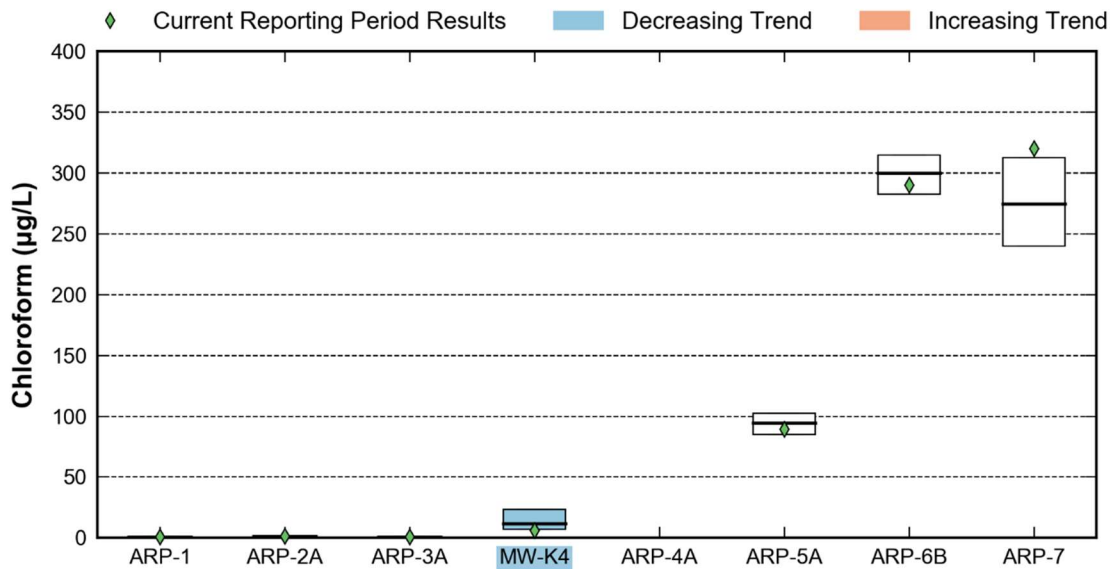
Box Plots: Chloroform Concentrations on Sunset Road. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile. The green diamond represents the only value from the reporting period (i.e., the 2020 concentration). Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

6.2.4 Athens Road Piezometer Well Line

Chloroform concentrations across the ARP Well Line are presented below. Concentrations were less than 320 µg/L along this well line during the reporting period, with the highest concentrations observed on the east side of the well line. As illustrated in Plate 7, the concentration of chloroform decreases immediately east of the well line (i.e. adjacent to wells DBMW-1 and DBMW-3) and then increases again indicating that the source areas of these two plumes are likely different. The extent of chloroform and potential source areas will be discussed in greater detail in the forthcoming RI Report for OU-1 and OU-2. The statistical analysis indicates chloroform concentrations have decreased in well MW-K4 over the past four years; however, statistically significant trends were not identified in the other wells.

¹³ The presence of chloroform and other VOCs within the Eastside Sub-Area (i.e., east of Pabco Road) will be investigated and remediated by BRC, if necessary, pursuant to the terms of the 2006 AOC.

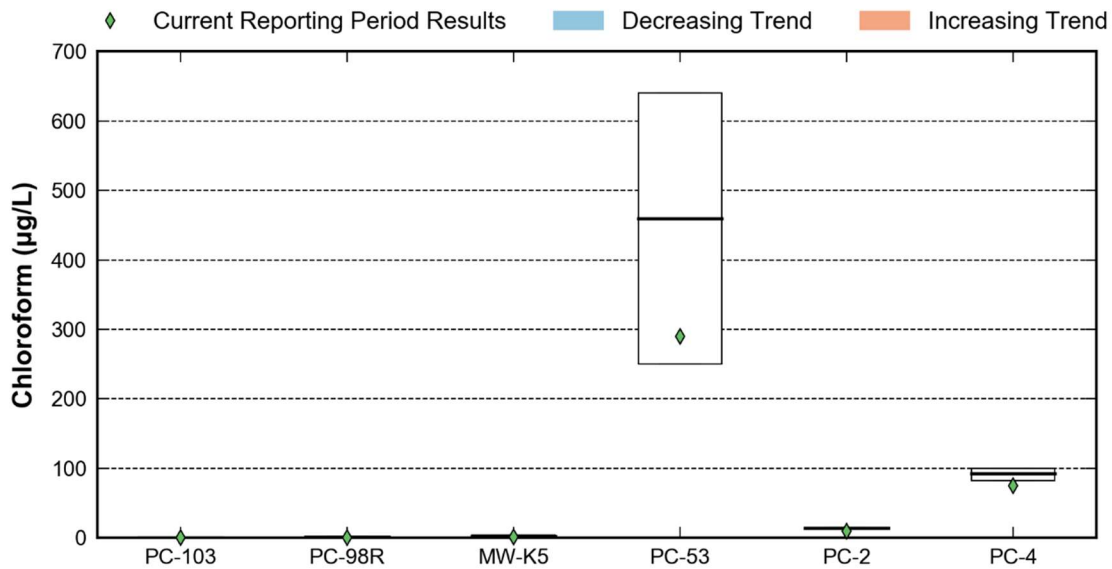
¹⁴ Sources of chloroform data for the Eastside Sub-Area include 2015, 2018, and 2020 BRC data and 2020 TIMET data.



Box Plots: Chloroform Concentrations at the Athens Road Piezometers. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile. The green diamond represents the only value from the reporting period (i.e., the 2020 concentration). Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

6.2.5 City of Henderson Water Reclamation Facility Well Line

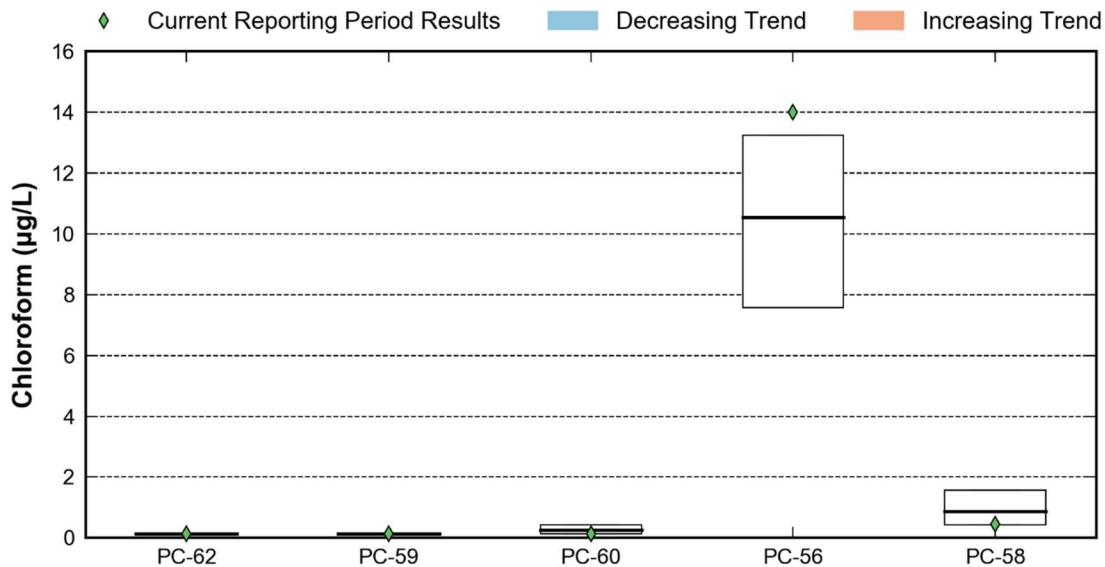
Chloroform concentrations across the COH WRF Well Line were less than or equal to 100 µg/L during the reporting period, with the exception of the concentration in well PC-53. Chloroform concentrations in groundwater sampled from PC-53 are higher and more variable than in neighboring wells. Statistically significant trends were not identified in any wells in this well line.



Box Plots: COH WRF Chloroform Concentrations. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile. The green diamond represents the only value from the reporting period (i.e., the 2020 concentration). Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

6.2.6 Lower Ponds Well Line

Chloroform concentrations in the Lower Ponds Well Line ranged from <0.25 µg/L to 14 µg/L during the reporting period. Chloroform concentrations in groundwater sampled from PC-56 are higher and more variable than in neighboring wells. Statistically significant trends were not identified in any wells in this well line.



Box Plots: Lower Ponds Chloroform Concentrations. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile. The green diamond represents the only value from the reporting period (i.e., the 2020 concentration). Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

6.2.7 Summary

The chloroform concentration trends presented in Sections 6.2.1 through 6.2.6 provide a detailed description of the concentration trends that are observed in groundwater at individual wells within OU-1 and the portions of OU-2 and OU-3 west of Pabco Road. The chloroform concentration trends in these wells are generally consistent with the chloroform concentrations trends presented in the 2018-2019 Annual Remedial Performance Report. The data evaluated for this reporting period indicate that the chloroform plume has remained stable compared to the prior reporting period. It is important to note also that chloroform concentrations in groundwater and those attributable to neighboring properties will be thoroughly evaluated in the forthcoming RI Report for OU-1 and OU-2 and the forthcoming RI Report for OU-3.

7. OTHER MEASURED PARAMETERS

This section discusses other measured parameters including TDS, chlorate, and nitrate at the IWF, AWF, and SWF. Consistent with prior reports evaluating TDS trends, the west-east well lines evaluated in this section are limited to the extraction well lines and do not include time series plots. Similarly, chlorate and nitrate evaluations are also limited to the extraction well lines.

This report incorporates statistical box plots of well line concentration trends for TDS, chlorate, and nitrate.

7.1 Total Dissolved Solids

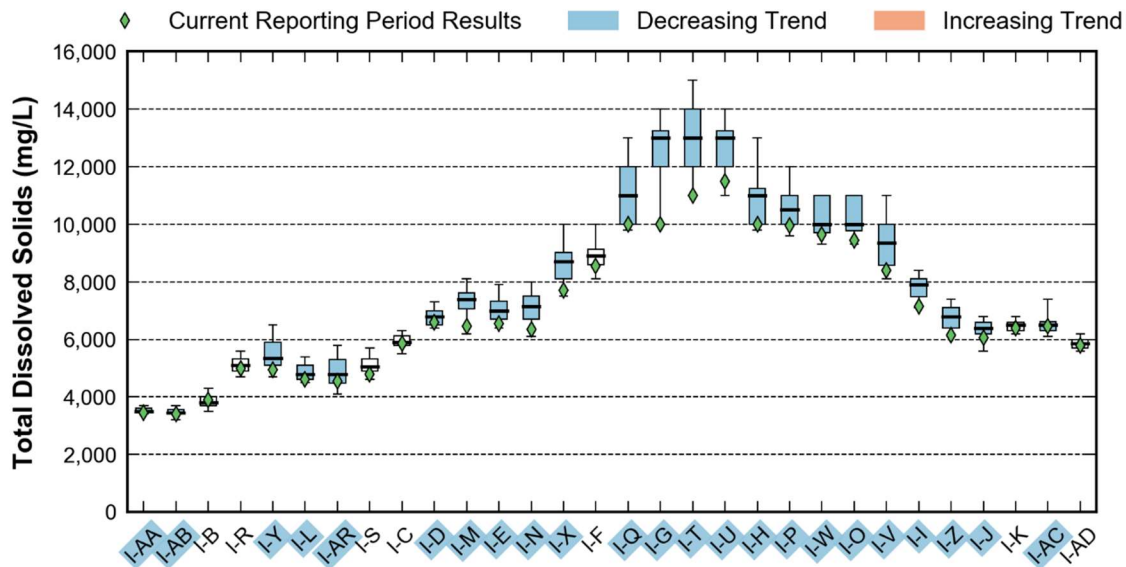
Plate 8 presents the isoconcentration contours for TDS from the southern end of OU-1 northward to Las Vegas Wash. The data used to develop the TDS isoconcentration contours includes second quarter 2020 shallow groundwater data collected by the Trust, OSSM, TIMET, and SNWA, in addition to data collected by SNWA in 2019, 2014/2015 shallow groundwater data collected by BRC, and calculated TDS concentrations from second quarter 2020 field specific conductivity measurements collected by AMPAC/Endeavour. These data are available in Table A-1 and Table A-4. Data from the NERT RI, including the Downgradient Study Area Investigation collected by AECOM, were also used to develop the isoconcentration contours and are shown on Plate 8. Available preliminary data from the Trust's ongoing treatability studies and Unit Buildings 4 and 5 Source Characterization were also evaluated and incorporated into the isoconcentration contour interpretation but are not specifically shown on Plate 8. The TDS isoconcentration contours presented on Plate 8 are generally consistent with those presented in the 2018-2019 Annual Remedial Performance Report.

Figures 9a and 9b present second quarter 2020 TDS concentration data for wells screened in the lower Shallow WBZ and Middle WBZ, respectively. TDS concentrations in groundwater in the lower Shallow WBZ ranged from 630 mg/L to 70,000 mg/L, and TDS concentrations in groundwater in the Middle WBZ ranged from 490 mg/L to 25,000 mg/L; the highest detected concentrations of TDS in the lower Shallow WBZ and Middle WBZ were located in OU-3. None of the wells sampled as part of the performance monitoring program are screened in the Deep WBZ.

The following sections describe TDS concentration trends at the IWF, AWF, and SWF.

7.1.1 Interceptor Well Field

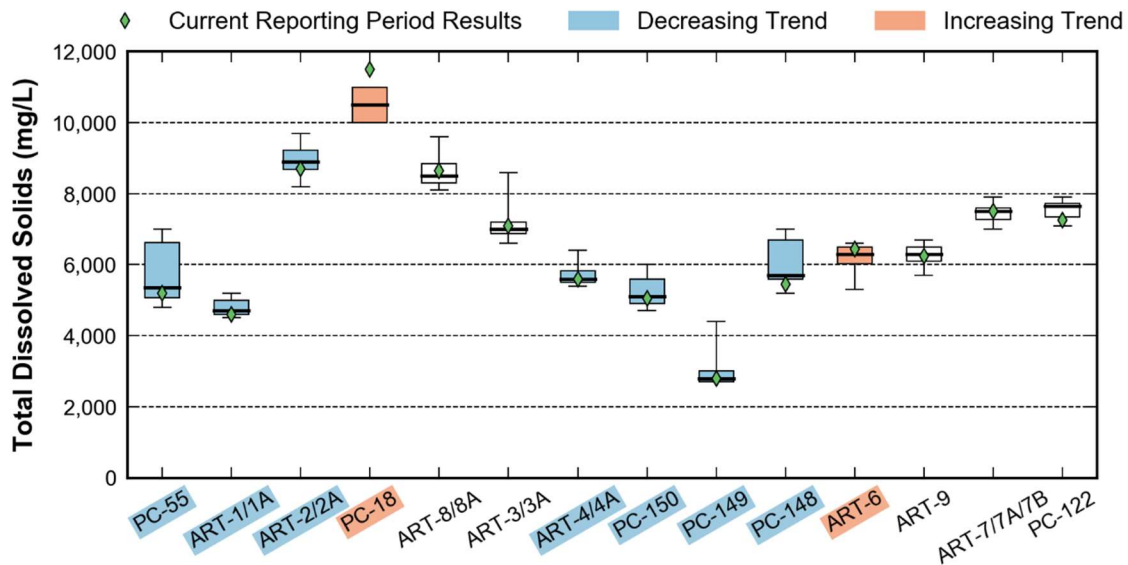
As shown in the box plot below, TDS concentrations in groundwater are higher near the center of the IWF. Statistical analysis indicates that TDS concentrations in a majority of IWF wells (23 of the 30 wells) have decreased over the last four years, with no wells having increased concentrations during that time likely due to successful capture and treatment of groundwater with elevated TDS (including perchlorate and chlorate) in the vicinity of the well field. Statistically significant trends were not identified in data from the other extraction wells.



Box Plots: IWF TDS Concentrations. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile; the “whiskers” represent data in the 5th-95th percentile. The green diamond represents the median value during the reporting period. Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

7.1.2 Athens Road Well Field

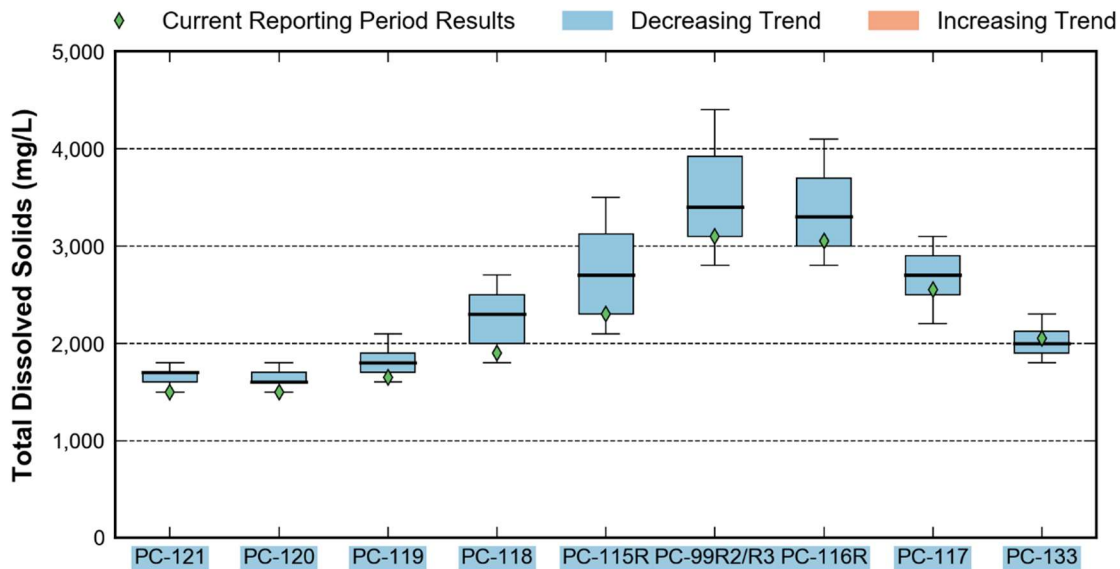
TDS concentrations in groundwater from the AWF’s eight extraction well pairs are shown in the chart below, in addition to monitoring wells ART-6, PC-18, PC-55, PC-122, PC-148, and PC-149. TDS concentrations in the western sub-channel (represented by wells west of PC-149) are generally higher relative to those in the eastern sub-channel (represented by wells east of PC-148). The statistical analysis indicates that TDS concentrations in groundwater in half of these wells (7 wells) have decreased over the last four years, while concentrations in two wells (PC-18 and ART-6) have increased during that time. As discussed in Sections 4.2.3 and 5.2.3, ART-6 was historically sampled using a bailer, which may have caused mixing of the water column during the sampling process, potentially resulting in increased TDS concentrations. However, low-flow sampling for ART-6 was implemented starting with the November 2019 and May 2020 monitoring events. Samples were collected using a bailer in the intervening months until the 2020 SAP was approved by NDEP on April 30, 2020 (NDEP 2020b). The 2020 SAP eliminated monthly sampling for ART-6 (since it’s not an extraction well) and specified that low-flow sampling should be implemented (Ramboll 2020a). The effects of transitioning to low-flow sampling on concentrations in ART-6 will be evaluated in future performance reports. The median concentration of TDS in groundwater at PC-18 during the reporting period was generally higher compared to historical data; the increasing trend in PC-18 will continue to be monitored in future performance reports. These wells are located within the capture zone of the AWF and SWF. Statistically significant trends were not identified in data from the other wells.



Box Plots: AWF TDS Concentrations. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile; the "whiskers" represent data in the 5th-95th percentile. The green diamond represents the median value during the reporting period. Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

7.1.3 Seep Well Field

TDS concentrations in shallow groundwater collected from the SWF are generally less than 5,000 mg/L, with the highest concentrations near the east-central portion of the well field, as shown below. The statistical analysis indicates that TDS concentrations in all nine of the SWF wells have decreased over the last four years.



Box Plots: SWF TDS Concentrations. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile; the “whiskers” represent data in the 5th-95th percentile. The green diamond represents the median value during the reporting period. Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

7.2 Chlorate

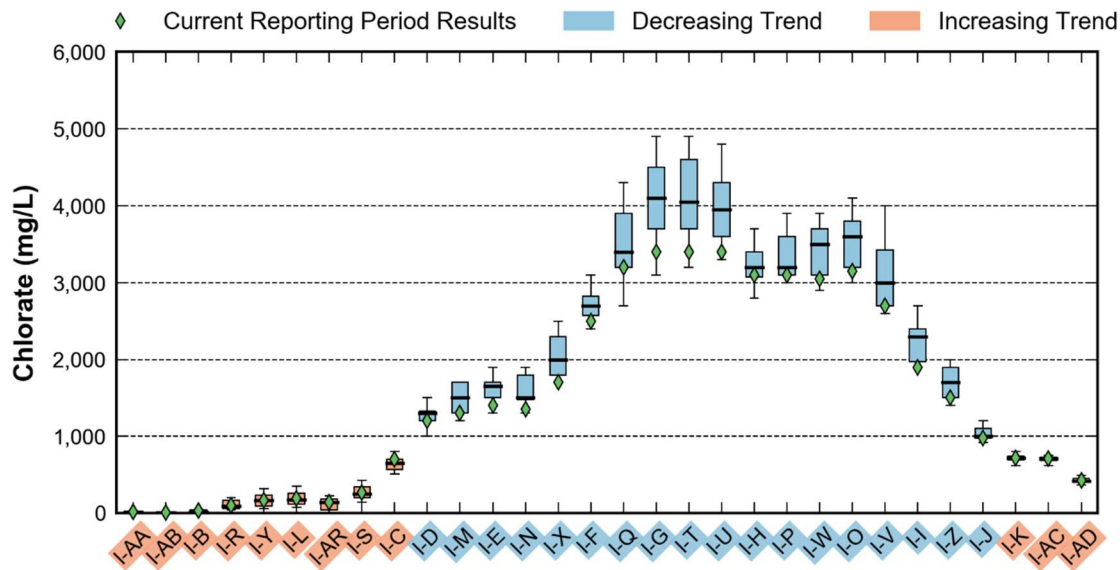
Chlorate monitoring was significantly expanded as part of the 2016 Groundwater Monitoring Optimization Plan to include all monitoring wells during the semi-annual (fourth quarter) and annual (second quarter) sampling events (Ramboll Environ 2016a). Chlorate was also added to the monthly sampling of extraction wells for the purpose of better understanding its impact on GWETS performance. Additional well locations with chlorate monitoring were recently added to the performance monitoring program as a part of the 2020 SAP (Ramboll 2020a). Chlorate significantly contributes to contaminant loading at the FBRs, which biologically remove perchlorate, chlorate, and nitrate. The distribution of chlorate will also be critical to understand as the Trust evaluates remedial alternatives as part of the forthcoming FS.

A plume map for chlorate was generated as part of the Annual Report prior to 2012. The map is no longer routinely prepared following NDEP’s comment that a chlorate isoconcentration map is not necessary because the extent of chlorate is closely aligned with the distribution of NERT’s perchlorate (NDEP 2011). However, the forthcoming RI Report for OU-1 and OU-2 will discuss the extent of chlorate in groundwater in greater detail.

7.2.1 Interceptor Well Field

As shown in the box plot below, and consistent with the data for perchlorate as discussed in 5.2.1, chlorate concentrations in groundwater are higher near the east-central portion of the IWF. The statistical analysis indicates that chlorate

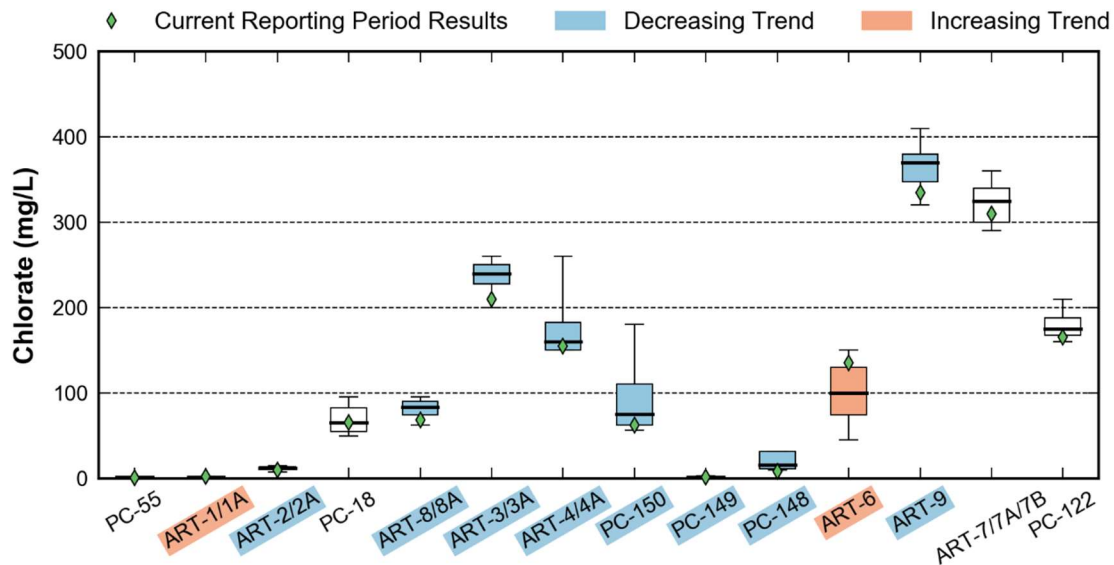
concentrations decreased in 18 wells in the central and eastern portion of the IWF over the last four years. The statistical analysis indicates that concentrations have increased in the other 12 IWF wells over the last four years, nine of which are located on the western end of the IWF and three of which are located on the eastern portion of the IWF. All wells identified as having an increasing trend are within the capture zone of the IWF, AWF, or SWF.



Box Plots: IWF Chlorate Concentrations. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile; the “whiskers” represent data in the 5th-95th percentile. The green diamond represents the median value during the reporting period. Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

7.2.2 Athens Road Well Field

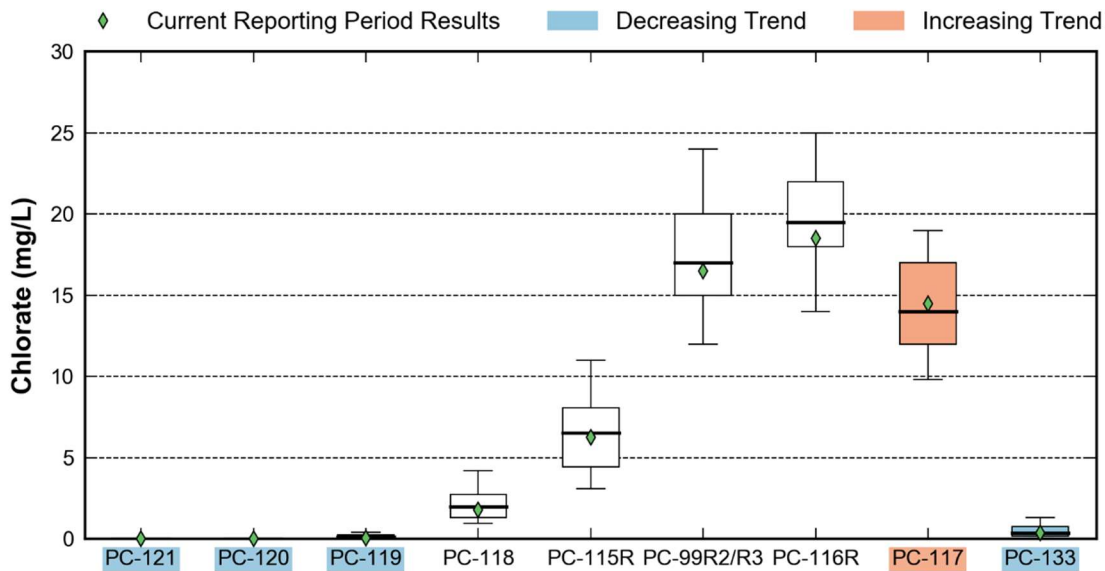
Chlorate concentrations in groundwater collected from the AWF’s eight extraction well pairs are shown in the chart below, in addition to monitoring wells ART-6, PC-18, PC-55, PC-122, PC-148, and PC-149. Chlorate concentrations are generally less than 400 mg/L and are highest in the central and eastern portions of the well field. Generally, consistent with the data for perchlorate as discussed in Section 5.2.2, the statistical analysis indicates that chlorate concentrations decreased in eight wells located primarily in the central portion of the AWF and increased in ART-1/1A and ART-6 over the last four years. Statistically significant trends were not identified in data from the other four wells.



Box Plots: AWF Chlorate Concentrations. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile; the “whiskers” represent data in the 5th-95th percentile. The green diamond represents the median value during the reporting period. Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

7.2.3 Seep Well Field

Chlorate concentrations in the SWF are generally less than 25 mg/L, with the highest concentrations near the east-central portion of the well field. Generally, consistent with the data for perchlorate as discussed in Section 5.2.3, statistical analysis indicates that chlorate concentrations in groundwater decreased at wells PC-120, PC-121, PC-119, and PC-133 and increased in PC-117 over the last four years. Statistically significant trends were not identified in the other four extraction wells.



Box Plots: SWF Chlorate Concentrations. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile; the “whiskers” represent data in the 5th-95th percentile. The green diamond represents the median value during the reporting period. Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

7.3 Nitrate

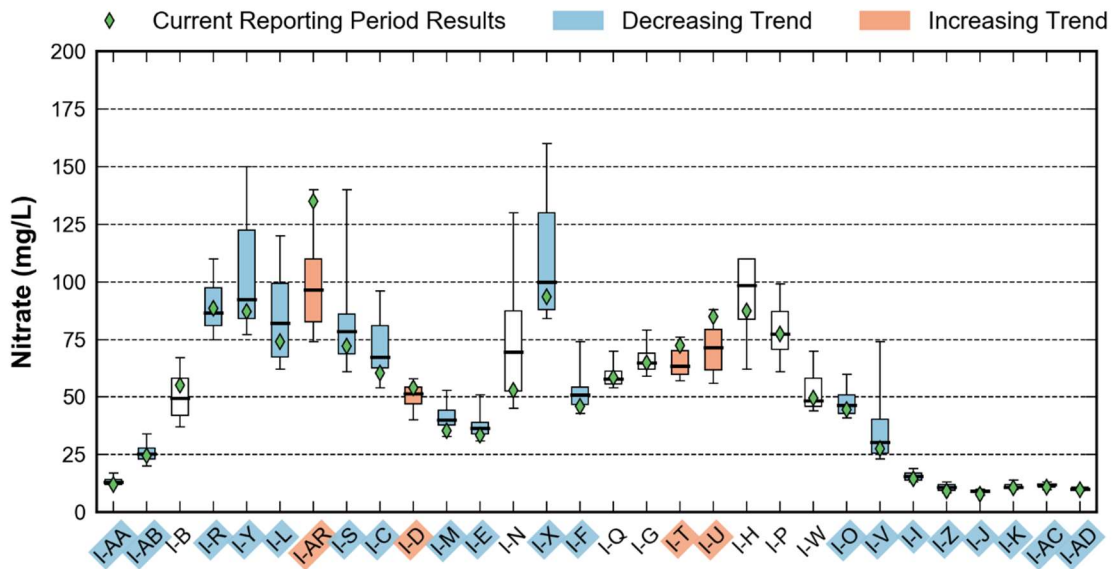
Nitrate monitoring was significantly expanded as part of the 2016 Groundwater Monitoring Optimization Plan to include all monitoring wells during the semi-annual (fourth quarter) and annual (second quarter) sampling events (Ramboll Environ 2016a). Nitrate was also added to the monthly sampling of extraction wells for the purpose of better understanding its impact on GWETS performance. Nitrate significantly contributes to contaminant loading at the FBRs, which biologically remove perchlorate, chlorate, and nitrate. The distribution of nitrate will also be critical to understand as the Trust evaluates remedial alternatives as part of the forthcoming FS.

Similar to chlorate, a plume map for nitrate was generated as part of the Annual Report prior to 2012. The map is no longer routinely prepared following NDEP’s suggestion that a nitrate isoconcentration map is not necessary because the extent of nitrate is closely aligned with the distribution of perchlorate (NDEP 2011). However, the forthcoming RI Report for OU-1 and OU-2 will discuss the extent of nitrate in groundwater in greater detail.

7.3.1 Interceptor Well Field

As shown in the box plot below, nitrate concentrations are higher in groundwater in the central to west-central portion of the IWF. Statistical analysis indicates that nitrate concentrations in groundwater has decreased in 19 wells along the entire well line. Of the other eleven wells, increasing concentration trends were observed at wells I-AR, I-D, I-T, and I-U over the last four years while statistically significant

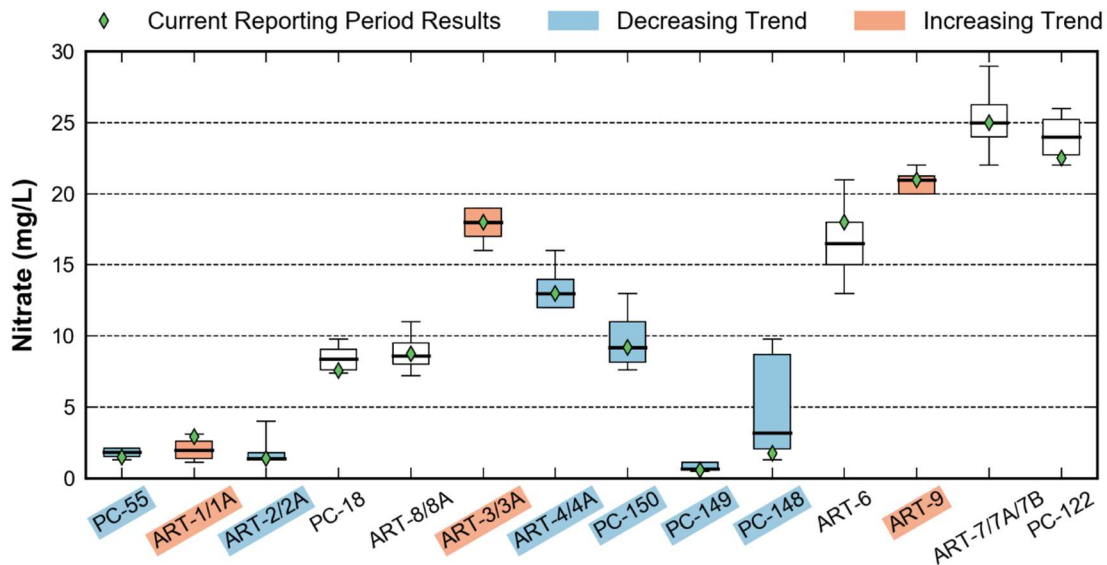
trends were not identified in groundwater at the other seven extraction wells. All wells identified as having an increasing trend are within the capture zone of the IWF, AWF, or SWF.



Box Plots: IWF Nitrate Concentrations. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile; the “whiskers” represent data in the 5th-95th percentile. The green diamond represents the median value during the reporting period. Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

7.3.2 Athens Road Well Field

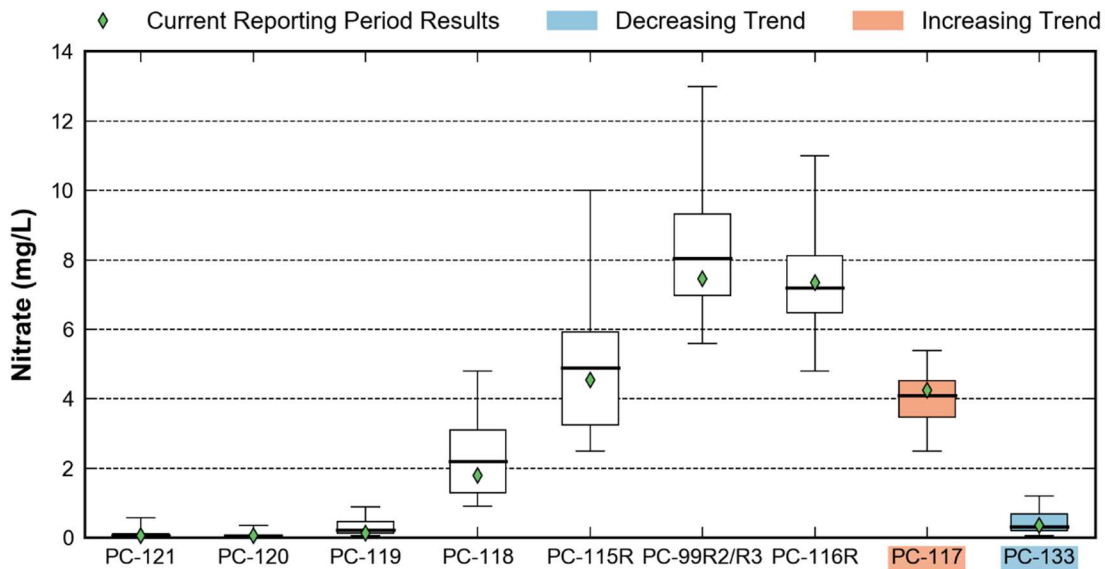
Nitrate concentrations in groundwater collected from the AWF’s eight extraction well pairs are shown in the chart below, in addition to monitoring wells ART-6, PC-18, PC-55, PC-122, PC-148, and PC-149. Concentrations are generally highest in the central and eastern portions of the well line. Statistical analysis indicates that nitrate concentrations decreased in groundwater at two wells in the western portion of the well field and four wells in the central portion of the well field over the last four years, while concentrations increased in ART-1/1A, ART-3/3A and ART-9. Statistically significant trends were not identified in groundwater at the other five wells.



Box Plots: AWF Nitrate Concentrations. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile; the “whiskers” represent data in the 5th-95th percentile. The green diamond represents the median value during the reporting period. Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

7.3.3 Seep Well Field

Nitrate concentrations in groundwater collected from the SWF are generally less than 14 mg/L, with the highest concentrations near the east-central portion of the well field. The statistical analysis indicates that nitrate concentrations increased in groundwater at PC-117 and decreased at PC-133 over the last four years. Statistically significant trends were not identified in data from the remaining seven extraction wells.



Box Plots: SWF Nitrate Concentrations. Wells are shown in geographical order from west to east. For each well location, data from July 2016 to June 2020 are displayed as follows: the thick black line represents the median value; the box represents data in the 25th-75th percentile; the “whiskers” represent data in the 5th-95th percentile. The green diamond represents the median value during the reporting period. Statistically significant concentration trends, as established using the last 4 years of available data and the Mann-Kendall Test, are depicted using color (lack of color indicates no statistically significant trend).

7.4 Summary

The TDS, chlorate, and nitrate concentration trends presented in Sections 7.1 through 7.3 provide a detailed description of the concentration trends that are observed in groundwater at the three extraction well fields within OU-1 and the portions of OU-2 and OU-3 west of Pabco Road. The TDS, chlorate, and nitrate concentration trends in these well extraction fields are generally consistent with the concentration trends presented in the 2018-2019 Annual Remedial Performance Report. While some wells exhibited variability in concentrations over time, when viewed in the aggregate, the data evaluated for this reporting period indicate that the distribution of these measured parameters has remained stable compared to the prior reporting period. It is important to note also that chlorate and nitrate concentrations in groundwater will be further evaluated in the forthcoming RI Report for OU-1 and OU-2 and the forthcoming RI Report for OU-3.

8. PERFORMANCE EVALUATION

This section provides an evaluation of the performance of the GWETS against a set of established performance metrics. The primary infrastructure of the GWETS was installed in the early 2000s in accordance with an Administrative Order issued by NDEP to Kerr-McGee. As stated previously, the GWETS currently operates as a removal action designed to capture perchlorate and hexavalent chromium in groundwater migrating north from OU-1 where former manufacturing operations occurred. Accordingly, the evaluation of the GWETS presented herein is not intended to account for the ability of the GWETS to capture the following:

- (1) contaminant mass that migrated in groundwater off-site before the GWETS was installed;
- (2) contaminant mass that formerly migrated in wastewater from the NERT Site via the Beta Ditch to a former pond system located east of Pabco Road, where wastewater was allowed to infiltrate into the ground, eventually impacting groundwater quality; and,
- (3) any perchlorate that might be present east of Pabco Road.

Rather, the GWETS evaluation presented in this report is focused on the ability of the GWETS to capture perchlorate and hexavalent chromium present in groundwater west of Pabco Road (i.e., in OU-1 and the portions of OU-2 and OU-3 west of Pabco Road) where the highest concentrations of perchlorate and hexavalent chromium are migrating northward from the historical sources within OU-1. The performance metrics are intended to establish a consistent framework for evaluating performance of the current GWETS and, ultimately, are expected to be modified to evaluate the performance of the NERT final remedy or remedies.

The performance metrics were originally developed as part of the 2013 GWETS Optimization Work Plan (ENVIRON 2013), approved by NDEP on December 3, 2013 (NDEP 2013). These original metrics included those identified in the 2013 GWETS Optimization Work Plan and additional metrics requested in the letter dated April 9, 2014 from NDEP (NDEP 2014) on the 2013 Semi-Annual Performance Report. The Performance Metrics Technical Memorandum, approved by NDEP in October 2017, describes the current approach for estimating contaminant mass and evaluating revised performance metrics for the three OUs that comprise the NERT RI Study Area (Ramboll Environ 2017d). The performance metrics evaluation presented herein applies the same methodology used in the 2018-2019 Annual Remedial Performance Report but employs an updated version of the groundwater model (discussed in Section 8.1) and incorporates additional visualizations of the capture zones to address NDEP's comments in the April 30, 2020 letter (NDEP 2020a). While this section provides a summary of mass removed from and remaining in the environment, additional details about the 2020 mass estimate are provided in Attachment A.

GWETS performance will continue to be evaluated in future performance submittals throughout the RI/FS process and implementation of the final remedy or remedies. As stated in Section 1.1, the Trust's performance monitoring program and associated reporting, including evaluation of performance metrics, will be adapted

for the final remedy once they are in place and thus not be limited to the capture of perchlorate and chromium present in groundwater west of Pabco Road by the GWETS.

8.1 Performance Metrics

Performance metrics are discrete measures of performance that are used to understand and adjust GWETS operations over time. The performance metrics evaluated per the methodology referenced above include the following:¹⁵

- Mass Removal;
- Remaining Contaminant Mass;
- Capture Zone Evaluation;
- Well Field Capture Efficiency;
- Estimated Mass Flux across the OUs;
- Perchlorate Mass Loading in Las Vegas Wash;
- Environmental Footprint of the GWETS and Performance Monitoring Programs; and
- Surface Water and Groundwater Interaction near the SWF.

The Phase 6 groundwater model was used to simulate second quarter 2020 extraction under steady state conditions for the evaluation of remaining contaminant mass across the OUs, well field capture zones, and estimated mass flux presented in this annual performance report. The Phase 6 model documentation was submitted to NDEP in November 2019 (Ramboll 2019b). The Phase 7 model, which is currently under development, will address NDEP Comments on the Phase 6 model (NDEP 2020c) and incorporate additional data from the RI and ongoing treatability studies. More details about updates to the model are provided in NERT's response to comments, which was submitted on October 9, 2020 and approved by NDEP on November 4, 2020 (NERT 2020, NDEP 2020d). The Phase 7 model will be used to evaluate performance metrics in future performance reports after it is approved by NDEP.

The performance metrics incorporate available performance monitoring program data through second quarter 2020 and data available through June 2020 from the NERT RI, inclusive of the Downgradient Study Area Investigation, several on-going NERT treatability studies, and BRC's available data in the NDEP database. Performance evaluations will continue to be refined and updated in future submittals as additional data become available.

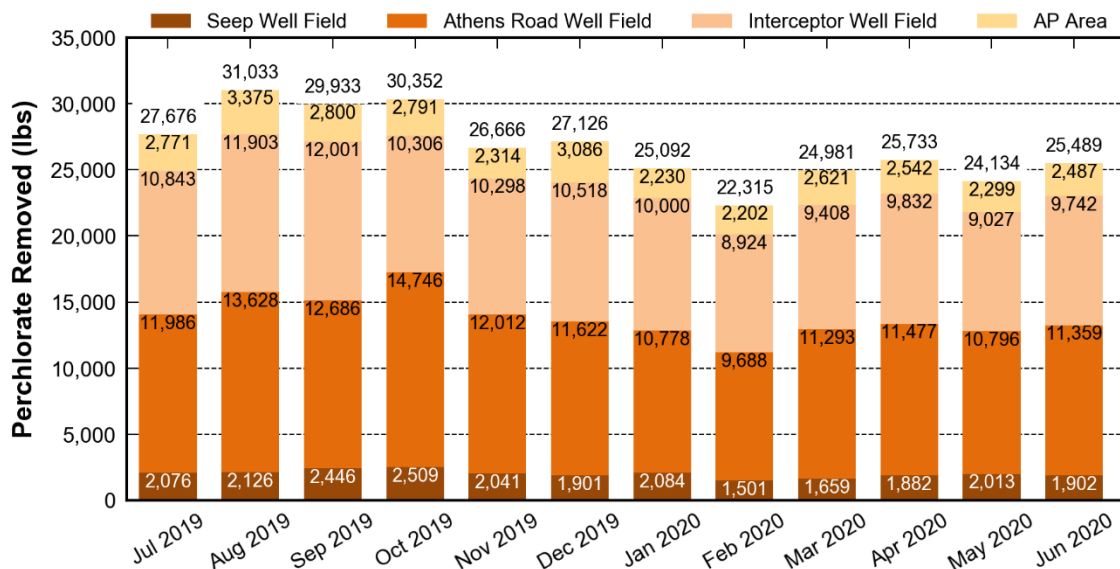
¹⁵ Operation of GW-11 as an equalization basin was evaluated as part of the performance metrics in previous performance evaluations. The evaluation of GW-11's operations has since been incorporated into the GWETS Enhanced Operational Metrics, which are evaluated as part of NERT's monthly GWETS operations reporting; therefore, GW-11's operations are no longer evaluated as part of the performance metrics within this report. An analysis of the barrier wall's performance was also previously evaluated as part of the performance metrics in previous performance evaluations. Since a comprehensive evaluation of the integrity and effectiveness of the barrier wall was reported in the Barrier Wall Integrity Evaluation Report, Revision 1 (Ramboll 2019a), barrier wall performance evaluations are no longer included in this report.

8.2 Evaluation of Performance

In this section, the performance of the GWETS is discussed in relation to the current performance metrics discussed in Section 8.1. It is important to note that the GWETS operates as a removal action designed to capture perchlorate and chromium originating from releases to groundwater that occurred in OU-1. The GWETS was not designed or intended to capture perchlorate that migrated to the portions of OU-2 and OU-3 east of Pabco Road.

8.2.1 Mass Removal

During the reporting period, approximately 320,531 pounds of perchlorate were captured and removed from groundwater by the GWETS, as shown in Table 8 and in the figure below.¹⁶ Of this total, approximately 122,801 pounds were captured by the IWF, approximately 142,071 pounds were captured by the AWF, approximately 24,140 pounds were captured by the SWF, and approximately 31,518 pounds were captured by the AP Area extraction wells.¹⁷



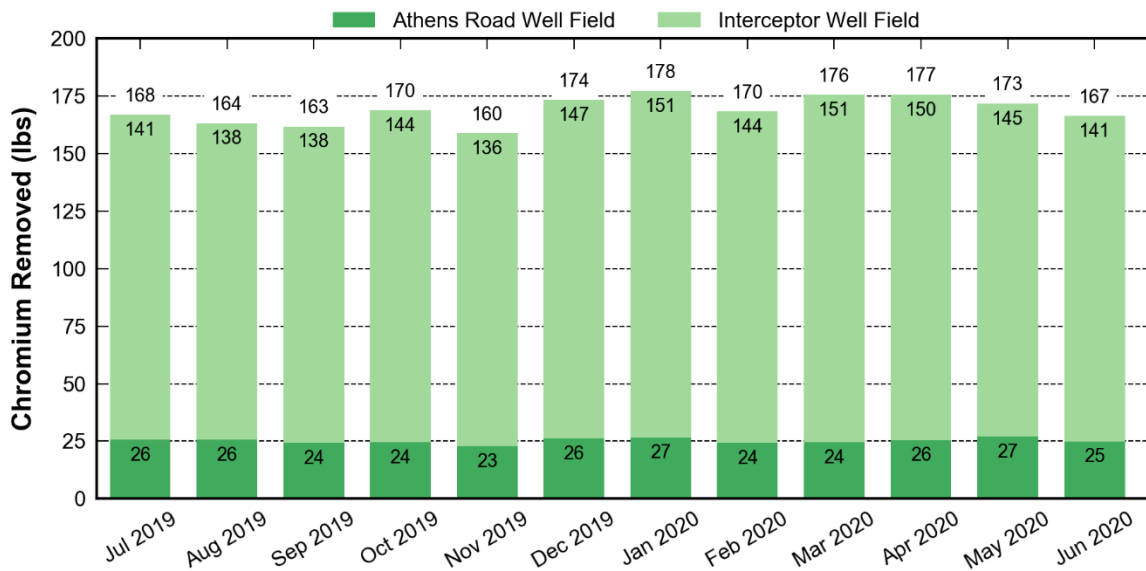
Perchlorate Mass Removal. This chart shows monthly perchlorate removed by the GWETS, including the IWF, AWF, SWF, and AP Area extraction wells, during the reporting period. The total amount of perchlorate removed is shown above each bar.

The total combined perchlorate mass removal from all extraction wells during the reporting period decreased by approximately 10% compared to the approximately 357,253 pounds removed between July 2018 and June 2019. The decrease in total mass removal is due to reduced perchlorate concentrations in extracted groundwater from each of the four well fields, as discussed in Section 5.1.

¹⁶ Perchlorate mass removal numbers presented in this report do not include perchlorate mass removed from the AP-5 Process Tanks.

¹⁷ Average extraction rates, concentrations, and total mass removal from the AP Area are reported in the GWETS operation monthly reports submitted to NDEP (Envirogen 2019a-e, Envirogen 2020a-f).

Approximately 2,040 pounds of total chromium were captured and removed from groundwater by the GWETS during the reporting period, as shown in Table 6 and in the figure below. Of the total chromium mass removed during the reporting period, approximately 1,726 pounds were captured by the IWF and approximately 302 pounds were captured by the AWF. This is an approximately 6% decrease from the approximately 2,172 pounds of chromium removed between July 2018 and June 2019. The decrease in total mass removal is due to reduced chromium concentrations in extracted groundwater from both of these well fields, as discussed in Section 4.1.



Chromium Mass Removal. This chart shows monthly total chromium removed by the IWF, AWF, SWF, and AP Area during the reporting period. The total amount of chromium removed is shown above each bar. Chromium mass removal at the SWF and AP Area are relatively small and therefore are not printed on the chart but are reflected in the total mass removal numbers.

8.2.2 Remaining Contaminant Mass

This section summarizes the comprehensive estimate of contaminant mass remaining in the subsurface in second quarter 2020. The final mass estimate to be utilized in the FS will be reported in the upcoming RI Report for OU-3 and will use all data collected during the RI.

Mass estimates of perchlorate and chromium remaining in the subsurface have been presented in the annual performance reports since 2013. As described in the Performance Metrics Technical Memorandum, the current mass estimate methodology includes contaminant mass within the OUs, including the vadose and saturated zones as well as the deeper UMCf (Ramboll Environ 2017d). Greater detail about the mass estimate is provided in Attachment A.

In addition to supporting the evaluation of current GWETS performance, the mass estimate will be used in the upcoming FS to evaluate alternative future remedies and to lay the foundation for the long-term evaluation of NERT’s selected final

remedy. Since future mass estimates will incorporate additional data as they become available, mass estimates will change as contaminant mass is removed from the environment through the ongoing removal action and as the OUs are better characterized, leading to more accurate mass estimates.

As of second quarter 2020, approximately 5,062 tons of perchlorate and 112 tons of chromium are estimated to remain in the subsurface, as summarized in the tables and figures below. Overall, these estimated quantities represent a reduction of approximately 4% in the amount of subsurface perchlorate mass from the 2019 mass estimate while the chromium mass remained relatively unchanged. This reduction is attributed to the availability of new sample data, changes in measured groundwater perchlorate concentrations, and the interpretation of the shallow plume contours and is explained in greater detail in Attachment A. The mass estimate boundary for perchlorate includes all the OUs, while the mass estimate boundary for chromium is limited to OU-1 and the portions of OU-2 and OU-3 west of Pabco Road, as described in Attachment A.^{18,19} The subsequent figures present the following: the perchlorate and chromium mass estimates for 2020 with subdivisions showing estimated mass within each OU (OU-1, OU-2, and OU-3) and within each geologic unit (vadose zone, saturated alluvium, and saturated UMCf); and the estimated cumulative perchlorate and chromium mass removal by the GWETS through June 2019 (as presented in the 2018-2019 Annual Remedial Performance Report) and June 2020 based on the mass removal estimates presented in Table 6 and Table 8.²⁰ All available RI data were incorporated in the mass estimate beginning with the 2018-2019 Annual Remedial Performance Report.

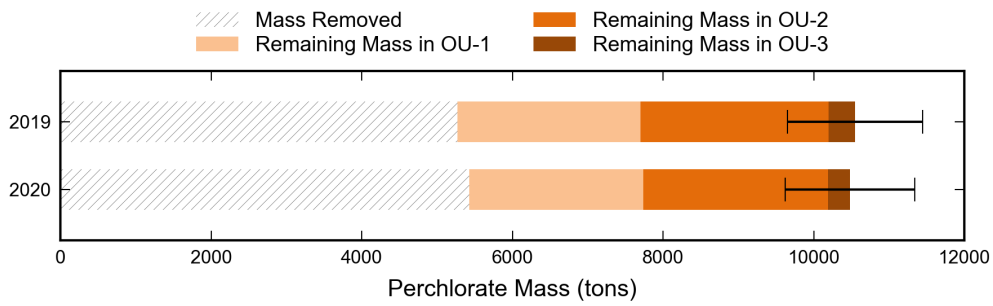
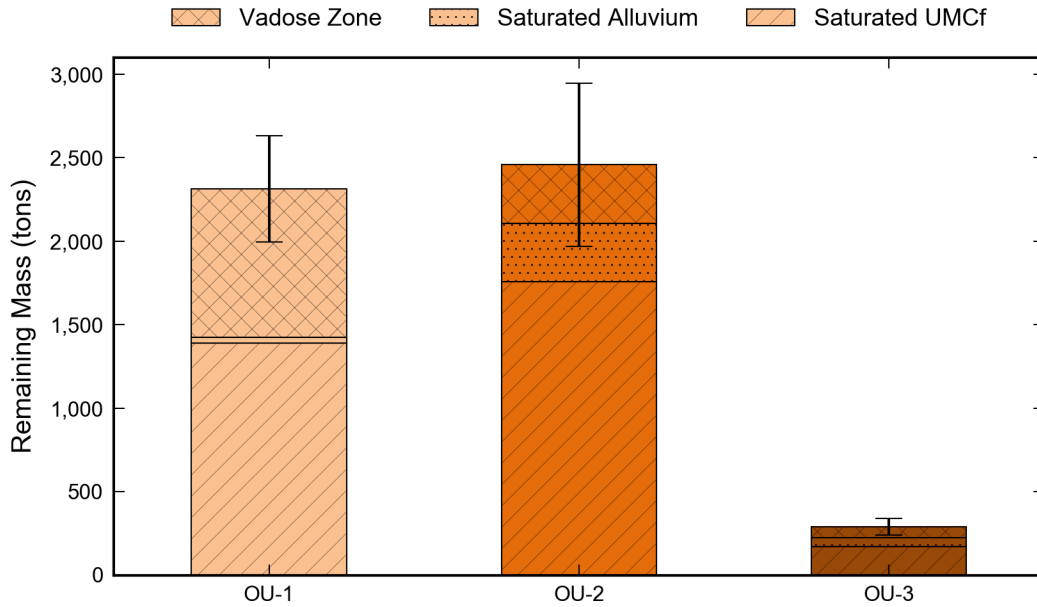
¹⁸ For the sole purpose of the perchlorate and chromium mass estimate, the boundary of OU-1 was extended to include adjacent areas where perchlorate and chromium originating from the NERT Site may have migrated.

¹⁹ The potential presence of hexavalent chromium and chromium in groundwater within and migrating from the Eastside Sub-Area will be further investigated and remediated by BRC, if required by NDEP, pursuant to the terms of the Settlement Agreement and Administrative Order on Consent, BMI Common Areas, Phase 3, with NDEP in 2006 (NDEP 2006).

²⁰ Due to the locations and extraction rates of the AWF and SWF, the capture zones of the AWF and SWF extend to the west beyond the OUs' boundaries, as discussed in Section 8.2.3. This area is where the AMPAC/Endeavour perchlorate plume is located, so a minimal amount of the mass captured and removed by the AWF and SWF originated from the AMPAC/Endeavour plume. The removal of this mass is unavoidable while maintaining capture at the AWF and SWF.

Unit	Remaining Perchlorate Mass (tons) ²¹							
	2019 OU-1	2020 OU-1	2019 OU-2	2020 OU-2	2019 OU-3	2020 OU-3	2019 Total	2020 Total
Vadose Zone	890 ±130	890 ±130	340 ±40	350 ±40	99 ±14	64 ±10	1,329 ±184	1,304 ±180
Saturated Alluvium	39 ±4	34 ±3	360 ±60	350 ±60	53 ±7	54 ±6	452 ±71	438 ±69
Saturated UMcF	1,500 ±200	1,390 ±200	1,800 ±400	1,758 ±400	200 ±40	172 ±30	3,500 ±640	3,320 ±630
Total by OU	2,429 ±334	2,314 ±333	2,500 ±500	2,458 ±500	352 ±61	290 ±46	5,281 ±895	5,062 ±879

²¹ The remaining contaminant mass estimates presented herein are based on data available as of June 2020. These estimates will be updated in future submittals as additional data become available.

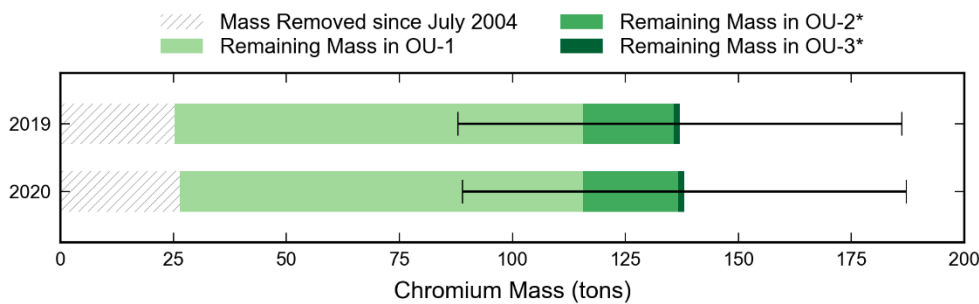
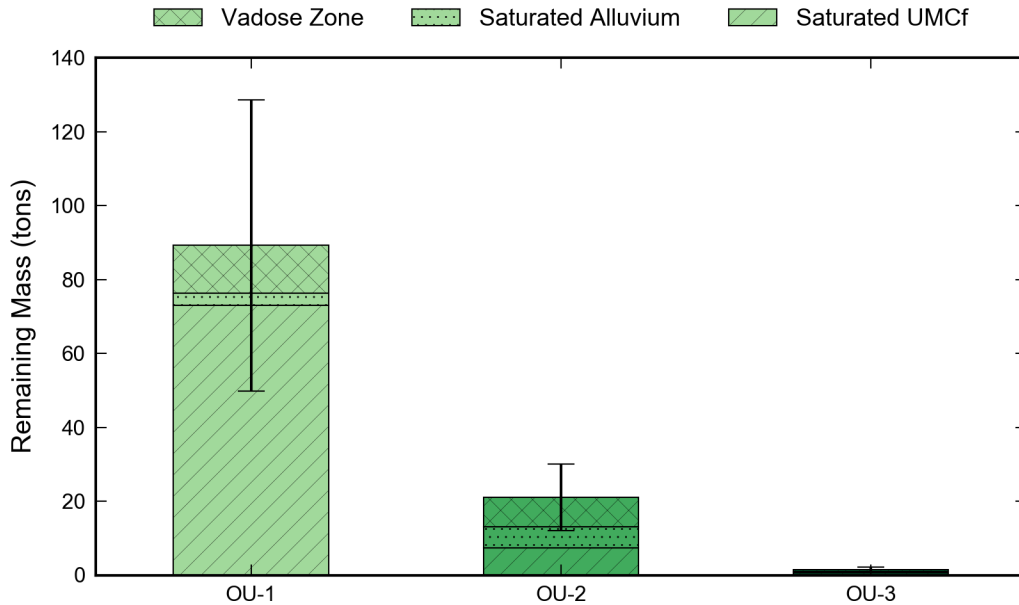


Remaining Perchlorate Mass. The table and figures shown above summarize the remaining perchlorate mass estimates within the OU boundaries and geologic units and the cumulative perchlorate mass removal for the last two performance periods. Error estimates are given as \pm values in the table and shown as error bars in the figures; further detail is provided in Attachment A.

Remaining Chromium Mass (tons)²²								
Unit	2019 OU-1	2020 OU-1	2019 OU-2	2020 OU-2*	2019 OU-3	2020 OU-3*	2019 Total	2020 Total
Vadose Zone	13 ±2.0	13 ±2.0	7.6 ±2.6	8.0 ±2.7	0.4 ±0.1	0.4 ±0.1	21.0 ±4.7	21.4 ±4.8
Saturated Alluvium	3.3 ±1.5	3.2 ±1.4	5.5 ±2.7	5.6 ±2.8	0.4 ±0.2	0.4 ±0.2	9.2 ±4.4	9.2 ±4.4
Saturated UMcF	74 ±36	73 ±35	7.5 ±3.6	7.4 ±3.6	0.6 ±0.4	0.6 ±0.4	82.1 ±40.0	81.0 ±39.0
Total by OU	90.3 ±39.5	89.2 ±38.4	20.6 ±8.9	21.0 ±9.0	1.4 ±0.7	1.4 ±0.7	112.3 ±49.1	111.6 ±48.2

*Mass estimate is limited to mass within OU-2 west of Pabco Road as NERT is not responsible for chromium contamination in OU-2 east of Pabco Road.

²² The remaining contaminant mass estimates presented herein are based on data available as of June 2020. These estimates will be updated in future submittals as additional data become available.



Remaining Chromium Mass. The table and figures shown above summarize the remaining chromium mass estimates within the OU boundaries and geologic units and the cumulative chromium mass removal for the last two performance periods. Error estimates are given as \pm values in the table and shown as error bars in the figures; further detail is provided in Attachment A.

8.2.3 Capture Zone Evaluation

Capture zones for each of the well fields were estimated in the Shallow, Middle, and Deep WBZs based on second quarter 2020 extraction rates using forward particle tracking assuming steady-state flow in the Phase 6 model (Ramboll 2019b). As discussed previously, the GWETS was designed to capture and remove perchlorate and hexavalent chromium mass present in groundwater in OU-1 and the portions of OU-2 and OU-3 west of Pabco Road. The GWETS was not designed to capture contaminant mass present in OU-2 and OU-3 east of Pabco Road. Perchlorate and chlorate contamination in OU-2 and OU-3 east of Pabco Road is the subject of the ongoing RI/FS.

A capture zone refers to the three-dimensional volume of the aquifer that eventually discharges water to an extraction well. To evaluate the capture zone of each extraction well field, particles were released in the center of each model cell in

model layers 1 through 5 (representing the Shallow WBZ), layers 6 through 9 (representing the Middle WBZ), and layer 10 (representing the Deep WBZ). If a particle is captured by one of the well fields, the model cell in which the particle was released is included in the capture zone for that well field. This methodology is consistent with the methodology used to evaluate the capture zones in prior performance evaluations, and it is anticipated this methodology will continue to be used in future evaluations. Simulated capture zones in the Shallow, Middle, and Deep WBZs are shown on Figures 10a, 10b, and 10c, respectively. The capture zones are color-coded by individual well field and show the upper-most active model cell within each WBZ for every vertical stack of model cells.

Cross-sections depicting the vertical extent of the capture zones are shown on Figures 11 and 12a through 12e. To generate these visualizations of the capture zones, a similar methodology to the one described above was used but over a finer grid since each cross-section depicts a significantly smaller area. If a particle is captured by one of the well fields, the grid cell in which the particle was released is included in the capture zone for that well field. The capture zones are color-coded by individual well field.

As depicted in Figure 10a, groundwater within the Shallow WBZ of OU-1, over 99 percent of OU-2 west of Pabco Road, and a large portion of OU-3 west of Pabco Road is captured by the combination of the IWF, AWF, SWF, and AP Area wells. Beyond capturing groundwater within OU-1 and the portions of OU-2 and OU-3 west of Pabco Road, the capture zones of the AWF and SWF in the Shallow WBZ extend west of the OU boundaries and east of Pabco Road. West of the OUs is the perchlorate plume associated with the AMPAC/Endeavour Site, as shown on Plate 6. This indicates that some of the mass captured by the AWF and SWF originates from the AMPAC/Endeavour plume. The Shallow Capture Zone Assessment Memorandum submitted by Geosyntec on behalf of AMPAC/Endeavour also concludes that a portion of AMPAC/Endeavour's reported perchlorate mass in shallow groundwater is captured by the AWF and SWF (Geosyntec 2017). The capture zones extending east of Pabco Road indicate that the AWF and SWF also capture mass from this area. The forthcoming RI Report for OU-3 will discuss groundwater quality in this area in greater detail.

In OU-3 west of Pabco Road, there are only two areas of shallow groundwater originating from OU-1 that are not currently captured by the GWETS

- The area north of the SWF where measured perchlorate concentrations in shallow groundwater were 2.6 mg/L or less during the reporting period. As discussed in the Shallow Capture Zone Assessment Memorandum submitted by Geosyntec on behalf of AMPAC/Endeavour, perchlorate from the AMPAC/Endeavour plume that is not captured by the AMPAC/Endeavour or NERT extraction systems migrates into the area north of the SWF within OU-3 (Geosyntec 2017). Plate 6 illustrates that the uncaptured area between the SWF and Las Vegas Wash within OU-3 is impacted by the AMPAC/Endeavour perchlorate plume. Since the NERT GWETS captures all of the perchlorate originating from OU-1 as is discussed in Section 8.2.4, the majority of the perchlorate present in the alluvium north of the SWF is from the AMPAC/Endeavour plume. A small amount of perchlorate in the alluvium within

this area may have migrated upwards from the UMCf as a result of the upward groundwater gradient.

- The area east of the SWF where samples collected from well PC-94 during the reporting period had perchlorate concentrations of 5.0 mg/L or less. Contamination in the uncaptured area outside of the SWF capture zone to the east of the SWF and west of Pabco Road originated from the portion of OU-2 east of Pabco Road. However, this area east of the SWF and west of Pabco Road is the current location of the ongoing SWF Area Bioremediation Treatability Study where approximately 2 lbs/day of perchlorate in groundwater is being destroyed in-situ through the injections of carbon donor (Tetra Tech 2020).

As shown on Figures 10b and 10c, the IWF, AP Area extraction wells, AWF, and SWF capture groundwater from within the Middle WBZ and the AWF and SWF capture groundwater from within the Deep WBZ even though all extraction wells in the GWETS are screened in the Shallow WBZ. Figure 11 is a representative north-south cross-section from south of OU-1 to the Las Vegas Wash that illustrates the IWF, AWF, and SWF capture zones at depth. The GWETS captures groundwater from deeper WBZs due to upward vertical gradients observed over much of OU-1 and the portions of OU-2 and OU-3 west of Pabco Road (as discussed in Section 3.3). Figures 12a through 12e depict the vertical extent of the capture zones at the IWF, AWF, SWF, and OU boundaries along west-east oriented transects. Figures 12a, 12c, and 12e show the vertical extent of the groundwater captured at the IWF, AWF, and SWF, respectively. The transects used in the well field capture efficiency analysis (Section 8.2.4) are the same transects for the cross-sections in these figures. Figures 12b and 12d show the vertical extent of the groundwater captured at the OU-1/OU-2 boundary and the OU-2/OU-3 boundary west of Pabco Road, respectively. The transects used in the horizontal mass flux analysis (Section 8.2.5.1) are the lines of cross-section in these figures. The portion of the OU-2/OU-3 boundary transect east of Pabco Road is not depicted in Figure 12d as most groundwater along that section of the transect is not captured.

As can be seen in the cross-sections at the IWF, OU-1/OU-2 boundary, AWF, and OU-2/OU-3 boundary (Figures 12a, 12b, 12c, and 12d, respectively), the capture zones extend to approximately 300 feet bgs. Given that the vertical extent of impacted groundwater in OU-1 is less than 300 feet bgs, the capture zones eclipse the area of impacted groundwater in Figures 12a and 12b, meaning that all impacted groundwater in OU-1 is captured by the well fields of the existing GWETS. Similarly, the vertical extent of the capture zones in Figures 12c and 12d exceeds the vertical extent of the impacted groundwater in the area west of Pabco Road and south of the OU-2/OU-3 boundary. While the vertical extent of the capture zone at the SWF is shallower at approximately 150 feet bgs, as shown in Figure 12e, impacted groundwater north of the OU-2/OU-3 boundary is less than approximately 90 feet bgs. Thus, the vertical extent of the GWETS capture zone is sufficient to capture impacted groundwater currently migrating from OU-1 in the Shallow, Middle, and Deep WBZs within OU-1 and the portions of OU-2 and OU-3 west of Pabco Road. There is no indication that groundwater originating from impacted portions of the Deep WBZ in OU-1 migrates beneath the SWF or otherwise escapes the capture zone, since groundwater within the Deep WBZ capture zones ultimately

migrates upward to the Middle WBZ and Shallow WBZ before reaching the SWF. Acknowledging the above, the eastern areas of OU-2 and OU-3 outside of the combined capture zones, represents groundwater that did not originate in OU-1. The GWETS was not designed to capture contaminants originating from areas outside OU-1. However, NERT is currently evaluating the extent of perchlorate and chlorate across the entire RI Study Area and this will be addressed through NERT's final remedy.

8.2.4 Well Field Capture Efficiency

To evaluate the performance of the IWF, AWF, and SWF with respect to the capture of perchlorate and chromium originating from OU-1 during the reporting period, the capture efficiency of each well field was estimated by quantifying the portion of mass flux crossing a transect drawn at each well field that is captured by that well field. The transects are located immediately upgradient of the well fields, as shown on Figure 13.²³ For the IWF, the transect extends from the western to the eastern boundaries of OU-1 just south of the well field. At the AWF and SWF, the transects extend from the western boundary of the OUs to Pabco Road just south of each well field.

The captured mass flux for the well field transects described above was estimated as the well field mass removal rate, which is calculated based on the monthly average extraction rates and extraction well concentrations associated with each month in second quarter 2020. The mass flux outside of the immediately downgradient well field's capture zone at each transect (i.e., uncaptured mass flux) was calculated using the Phase 6 model and interpolated second quarter 2020 concentrations, as described in Section 8.2.5. The capture efficiency is the percentage of captured mass flux versus the total mass flux (sum of captured mass flux and uncaptured mass flux) across each of the three transects. The method of estimation of capture efficiency is consistent with the one presented in the 2018-2019 Annual Remedial Performance Report (Ramboll 2019c). Using this approach, mass flux and capture efficiency were calculated as follows:

Well Field	Perchlorate Mass Flux			Chromium Mass Flux		
	Captured (lbs/day)	Not Captured (lbs/day)	Capture Efficiency	Captured (lbs/day)	Not Captured (lbs/day)	Capture Efficiency
IWF	395	6.4	98.4%	4.8	0.01	99.8%
AWF	370	6.8	98.2%	0.85	0.06	93.5%
SWF	64	0.5	99.2%	--	--	--

²³ Due to the location of the AP Area wells directly upgradient of the IWF, any mass flux that is not captured by the AP Area wells is captured by the IWF. The capture efficiency of the AP Area wells is not evaluated, consistent with the Performance Metrics Technical Memorandum (Ramboll Environ 2017d).

Note that the capture efficiencies of each well field only include the mass flux captured by the individual well field itself. The capture zone analysis discussed in Section 8.2.3 clearly demonstrates that all of the mass flux at the IWF transect that is not captured by the IWF is instead captured by the AWF, as seen on Figure 10a. Similarly, at the AWF transect, all of the mass flux that is not captured by the AWF is instead captured by the SWF, as seen on Figure 10a. Thus, the *overall* capture efficiency of the GWETS at the IWF and AWF transects is 100% since all mass that crosses those transects is eventually captured. Only the SWF has an overall capture efficiency of less than 100% due to the gap in capture within the Shallow WBZ located to the east of the SWF. It is estimated that 0.5 lbs/day of perchlorate mass is uncaptured in this area; however, this uncaptured mass originates east of Pabco Road and is thus outside the original design specifications of the GWETS. Acknowledging the above, this area is located in the vicinity of the SWF Area Bioremediation Treatability Study, which is effectively removing perchlorate.

8.2.5 Estimated Mass Flux Across NERT RI Study Area

Whereas the previous section discussed mass flux estimates limited to OU-1 and the portions of OU-2 and OU-3 west of Pabco Road, the following sections present complete horizontal and vertical mass flux estimates for perchlorate and chromium at various locations throughout the OUs. As described in the Performance Metrics Technical Memorandum (Ramboll Environ 2017d), mass flux estimates calculated herein include flux throughout the three NERT OUs.

8.2.5.1 Horizontal Mass Flux

Perchlorate and chromium horizontal mass flux were evaluated at a total of five transects, as shown on Figure 14a. The locations of the transects are consistent with the Performance Metrics Technical Memorandum (Ramboll Environ 2017d) and are described below:

- Transects located along the western and eastern boundaries of OU-1;
- Transect located along the boundary between OU-1 and OU-2;
- Transect located along the boundary between OU-2 and OU-3; and
- Transect located along Las Vegas Wash.

Horizontal mass flux as presented on Figure 14a was calculated using the methodology described in the Performance Metrics Technical Memorandum (Ramboll Environ 2017d). The Phase 6 model simulated in steady-state conditions with second quarter 2020 extraction rates has been used for this analysis. The initial concentrations in the alluvium in the model are updated based on chromium and perchlorate plume maps as shown on Plate 5 and Plate 6, respectively. The concentrations in model layers depicting UMCf are evaluated from the estimated mass described in Attachment A. The transport model was simulated for a day to estimate the horizontal mass flux at each transect location.

Figure 14a presents both the total mass flux across each transect and the portion of that flux that is captured by any of the GWETS well fields for both chromium and perchlorate. In addition, the Shallow WBZ capture zones are shown on the figure for reference, as the majority of perchlorate mass is present within this water-bearing zone and the entirety of the perchlorate originating from OU-1 is confined

within these capture zones. The following discussion is limited to perchlorate mass flux estimates, but similar patterns are observed for chromium.

The estimated perchlorate mass flux across the western OU-1 boundary is 0.2 pounds per day (lbs/day) for the outflow portion and 0.4 lbs/day for the inflow portion, as shown on Figure 14a. As shown by the capture zones on Figure 14a, both the outflow and inflow portions of the flux are ultimately captured by the AWF or the OSSM Well Field. The OSSM Well Field's capture zone slightly reaches onto the NERT Site and draws a very small amount (0.4 lbs/day) into their extraction system. The estimated perchlorate mass flux across the OU-1/OU-2 boundary is 180 lbs/day, all of which is captured by the AWF and SWF regardless of depth. Figure 12b shows a cross-section of the vertical extent of the AWF and SWF capture zones at the OU-1/OU-2 boundary. The estimated perchlorate mass flux across the eastern OU-1 boundary is 0.2 lbs/day for the outflow portion and 12 lbs/day for the inflow portion (Figure 14a). As shown on Figure 14a, the outflow portion of the flux moves across the southern part of the eastern OU-1 transect and is captured by the AWF or TIMET Well Field, while the inflow portion moves across the northern part of the transect and is captured by the AWF. It should be noted that the GWETS Treatment System Extension is being constructed to treat NERT COPCs migrating east across the OU-1 boundary and extracted through TIMET's groundwater extraction well field.

At the OU-2/OU-3 boundary, the estimated perchlorate mass flux across the transect west of Pabco Road during the reporting period is 8 lbs/day. Note that this value represents the net northward flux: as shown in Figure 14a, the mass captured by the AWF at the OU-2/OU-3 boundary migrates southward, away from the Las Vegas Wash, due to the extraction well field's localized effect on groundwater flow direction. The estimated perchlorate mass flux across the OU-2/OU-3 boundary east of Pabco Road during the reporting period is 7 lbs/day, with 1 lb/day that is captured by the SWF and 6 lbs/day that is uncaptured. This uncaptured mass flux is outside of the intended footprint of the GWETS capture zones. Acknowledging the above, this area is located in the vicinity of the SWF Area Bioremediation Treatability Study, which is effectively removing perchlorate.

Figure 12d shows a cross-section of the vertical extent of the AWF and SWF capture zones at the OU-2/OU-3 boundary. The portion of the OU-2/OU-3 boundary transect east of Pabco Road is not depicted in Figure 12d as most groundwater is not captured along that section of the transect. The mass flux across the eastern, uncaptured portion of the transect is smaller than the mass flux across the western portion of the transect because the saturated alluvium in the Eastside Sub-Area is thinner, with the alluvium unsaturated in some areas, as discussed in Section 3.1. This area is currently being investigated as part of the ongoing RI and will be addressed as part of the final remedy to be implemented.

The estimated perchlorate mass flux across the transect along Las Vegas Wash is 49 lbs/day. As shown in Plate 6, two separate plumes cross this transect: the AMPAC/Endeavour plume (upstream/west of Pabco Road) and the NERT plume (downstream/east of Pabco Road). The mass flux evaluated on either side of Pabco Road is described below:

- West of Pabco Road. The estimated mass flux across the transect upstream of Pabco Road is 18 lbs/day, which is largely attributable to the 15.7 lbs/day reported by Endeavour representing the component of the AMPAC/Endeavour plume that discharges into the Athens Drainage Channel during the performance period. While smaller, historical contamination related to releases in OU-1 within the UMCf north of the SWF will migrate upwards into the alluvium and eventually discharge into the Las Vegas Wash.
- East of Pabco Road. The estimated mass flux across the transect downstream of Pabco Road is 31 lbs/day. The portion of mass flux crossing the transect downstream of Pabco Road, while attributable to NERT, does not originate from groundwater at the OU-1 because all of the mass flux leaving OU-1 is ultimately captured by the GWETS, as described above. Instead, this uncaptured NERT mass flux generally originates from the former pond area located east of Pabco Road and is likely associated with infiltration from these former ponds. Addressing this mass entering Las Vegas Wash downstream of Pabco Road will be a focus of the forthcoming NERT FS.

The perchlorate mass flux toward the Las Vegas Wash described above is discussed relative to perchlorate loading in the Wash in Section 8.2.6. Mass flux will be evaluated in further detail in the RI Report for OU-3, including an evaluation of the various mechanisms through which perchlorate enters Las Vegas Wash.

8.2.5.2 Vertical Mass Flux

As discussed in the Performance Metrics Technical Memorandum (Ramboll Environ 2017d), the evaluation of vertical mass flux of perchlorate and chromium includes OU-1, OU-2, and OU-3, as shown on Figure 14b. Perchlorate and chromium mass that has historically migrated deep into the UMCf is an ongoing contaminant source today as it migrates back upwards into the alluvium. The upward migration is likely caused by the upward hydraulic gradient present throughout the area and matrix diffusion (Ramboll 2019b). A detailed study of upward migration in the vicinity of the AWF will be provided in the forthcoming RI Report for OU-1 and OU-2. The FS reports for OU-1/OU-2 and OU-3 will evaluate and address this upward flux more thoroughly as it relates to the entirety of the OUs.

The vertical mass flux was estimated in the three OUs using the steady-state vertical flow rates from the Phase 6 model and the chromium and perchlorate concentrations presented on Plate 5 and Plate 6, respectively. For these estimates, the vertical mass flux between model layers 1 and 2 was used, which is representative of flux between the UMCf and the alluvium. In areas where the alluvium is unsaturated, the vertical mass flux between model layers 2 and 3 was used. Note that model layers 1 through 3 are all within the Shallow WBZ.

As shown on Figure 14b, there is an upward mass flux in all three OUs from the UMCf to the alluvium. Vertical mass flux estimates of chromium and perchlorate are presented on Figure 14b, but the following discussion is limited to perchlorate mass flux estimates as similar patterns are observed for chromium mass flux.

The estimated perchlorate vertical mass flux in OU-1 is 343 lbs/day. As discussed in Section 8.2.4, all of this vertical mass flux from OU-1 is ultimately captured by one of the NERT extraction well fields. The estimated perchlorate vertical mass flux

in OU-2 is 466 lbs/day. Of this total flux, an estimated 465 lbs/day is captured by the AWF and SWF. The remaining 1 lb/day of flux within OU-2 that is not captured is outside of the intended footprint of the GWETS capture zones and will be evaluated as part of the FS for OU-1 and OU-2. The estimated perchlorate vertical mass flux in OU-3 is approximately 45 lbs/day. Of this total flux, an estimated 24 lbs/day is captured by the SWF. The remaining flux within OU-3 that is not captured outside of the intended footprint of the GWETS capture zones and will be evaluated as part of the FS for OU-3.

8.2.6 Perchlorate Mass Loading in Las Vegas Wash

This section evaluates the magnitude and source of perchlorate mass loading in Las Vegas Wash. The various mechanisms through which perchlorate enters Las Vegas Wash will be evaluated in the RI Report for OU-3.

Monthly surface water sampling at the locations shown on Figure 15 began in June 2017, with the following exceptions: 1) sampling at LVW 4.75 (Calico Ridge) and LVW 8.85 (Las Vegas Wasteway) began in May 2018 and July 2018, respectively, following approval of RI Phase 2 Modification No. 10 (Ramboll 2018a),²⁴ and 2) the locations for sampling within the Las Vegas Wash were modified at LVW 5.3 (Historic Lateral) and LVW 8.85 (Las Vegas Wasteway) in October 2018 following approval of RI Phase 2 Modification No. 14 (Ramboll 2018b). The modified locations are shown on Figure 15. In addition to samples collected for the performance monitoring program, monthly surface water samples are collected at LVW 0.55 (Northshore Road) as part of an NDEP-administered watershed monitoring program that's been in effect since the late 1990s; these data are reported to NDEP and are incorporated into perchlorate mass loading estimates herein. Surface water samples collected at different locations along the same Las Vegas Wash transects often have variable perchlorate concentrations. In order to improve perchlorate mass loading estimates, samples were collected at multiple locations along the following transects: LVW 6.6 (Sunrise Mountain), LVW 5.3 (Historic Lateral), LVW 4.75 (Calico Ridge), LVW 4.2 (Homestead), and LVW 3.5 (Rainbow Gardens).

Perchlorate mass loading estimates are calculated at each location using measured perchlorate concentrations in surface water and the corresponding stream flow rate at the time of surface water sampling. Stream flows used in the calculations are recorded by co-located United States Geological Survey (USGS) gaging stations (where available) as shown on Figure 15. Since there are currently no co-located gaging stations at LVW 6.6 (Sunrise Mountain) and LVW 4.75 (Calico Ridge), flow rates were estimated for these locations using flows recorded at upstream location LVW 7.2 (Duck Creek) to estimate flow at LVW 6.6 (Sunrise Mountain) and downstream location LVW 4.2 (Homestead) to estimate flow at LVW 4.75 (Calico Ridge). The estimated travel time between locations was used to determine the approximate instantaneous flow rates at LVW 6.6 (Sunrise Mountain) and LVW 4.75

²⁴ Surface water at LVW 8.85 (Las Vegas Wasteway) is also sampled monthly by SNWA. Mass loading estimates for this location presented herein were calculated using available perchlorate concentration data from SNWA for loading estimates prior to July 2018.

(Calico Ridge) at the time of sampling.²⁵ For instances where perchlorate concentrations were below the detection limit, the average mass loading at a given location was estimated using the Kaplan-Meier approach (Singh and Nocerino 2007).

Average perchlorate mass loading estimates during the reporting period (July 2019 through June 2020) at each location are presented in Table 10. Analytical data and flow rates used for these calculations are presented in Table 11.²⁶ As communicated to NDEP in an email from NERT dated February 17, 2020, the December analytical results for LVW 5.3 (Historic Lateral) and LVW 4.75 (Calico Ridge) were up to an order of magnitude higher than their typical values.²⁷ The December mass loading was also elevated at sample LVW 6.6-1 (Sunrise Mountain), which is the first transect downstream of the Athens Drainage Channel recharge area and located near the southern bank of Las Vegas Wash where the AMPAC/Endeavour plume intersects the Wash (see Figure 15). This suggests that there may have been an increase in perchlorate mass reaching Las Vegas Wash from the AMPAC/Endeavour plume that was reflected in the elevated December samples at LVW 6.6-1 (Sunrise Mountain) and the downstream transects LVW 5.3 (Historic Lateral) and LVW 4.75 (Calico Ridge).

As detailed in the BISC Semi-Annual/Annual Monitoring and Performance Report prepared by Endeavour (Endeavour 2020a), during this reporting period the Endeavour groundwater extraction and treatment system was operating at a significantly reduced capacity that may have resulted in an increase in uncaptured mass from the AMPAC/Endeavour plume that reached Las Vegas Wash. Three of the six extraction wells along Galleria Drive in the vicinity of the Eastgate Storm Drain were shut down for significant periods prior to the NERT's December Wash sampling: AREW-1 (shut down for two months starting on September 25, 2019), AREW-2 (shut down for six weeks starting on September 8, 2019), and AREW-5 (shut down for three and a half weeks starting on October 19, 2019). Finally, there were power outages that caused the shutdown of the entire Endeavour groundwater extraction and treatment system on December 3 and 4, 2019, immediately prior to the collection of December samples on December 5, although this short-term shutdown would not be expected to significantly increase loading to the Wash.

The shutdown of the three extraction wells in the vicinity of the Eastgate Storm Drain would have caused an immediate increase in the seepage rate of contaminated groundwater into the storm drain as groundwater levels recovered.

²⁵ USGS personnel reported that the approximate travel time between LVW 7.2 (Duck Creek) and LVW 6.05 (Pabco Road) is 75 minutes and the approximate travel time between LVW 5.3 (Historic Lateral) and LVW 4.2 (Homestead) is 30 minutes (USGS 2018). Based on the location of LVW 6.6 (Sunrise Mountain) relative to LVW 7.2 and LVW 6.05, the assumed travel time between LVW 7.2 and LVW 6.6 is approximately 31 minutes. Based on the location of LVW 4.75 (Calico Ridge) relative to LVW 5.3 and LVW 4.2, the assumed travel time between LVW 4.75 and LVW 4.2 is approximately 14 minutes.

²⁶ Data from samples collected at LVW 0.55 (Northshore Road) as part of an NDEP-administered watershed monitoring program are not validated.

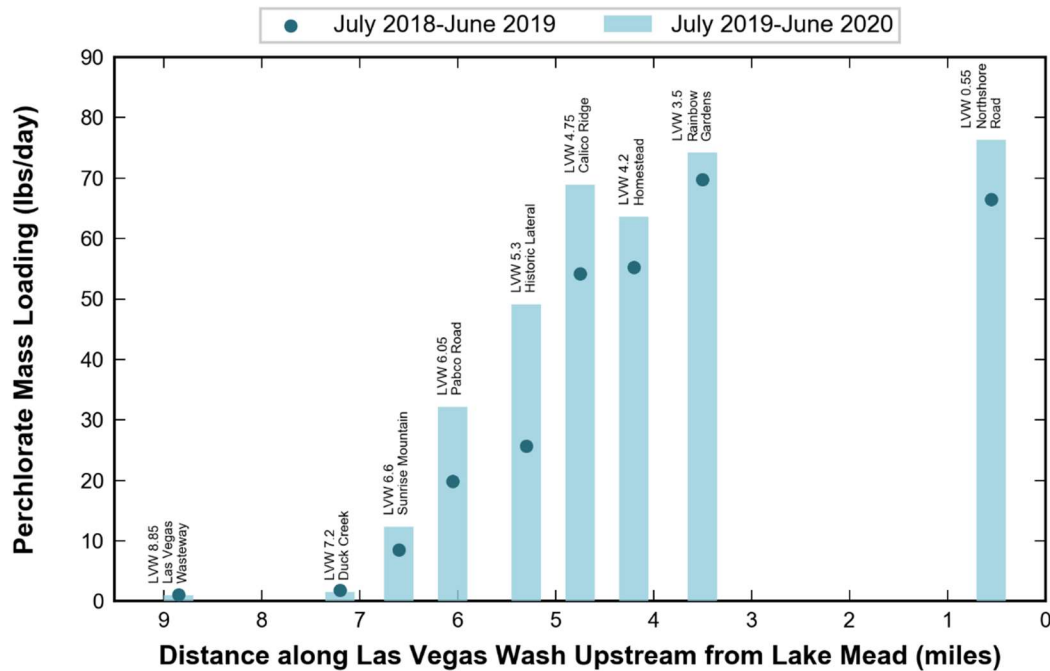
²⁷ As described in the email to NDEP, the December samples were re-analyzed by the laboratory, yielding similar elevated results. The average analytical results in January 2020 for these locations were consistent with the analytical results for months prior to December 2019.

The Eastgate Storm Drain is a subsurface storm drain running primarily north-south along Eastgate Road that discharges to the Athens Drainage Channel which ultimately discharges to the Las Vegas Wash.

Additionally, and as previously reported by NERT in the 2019 Semi-Annual Remedial Performance Memorandum for Chromium and Perchlorate (Ramboll, 2020b), the AMPAC source area extraction wells (AMEW-1 through AMEW-5) were shut down for one to nine weeks between February and June 2020 during replacement of AMPAC/Endeavour's effluent tank T-130 (Endeavour 2020b). This shut down would have caused an increase in the seepage rate of contaminated groundwater into the Pioneer Detention Basin. The Pioneer Detention Basin is an approximately 400,000 square foot detention basin located west of the NERT property. This seepage into the Pioneer Detention Basin would travel through the Eastgate Storm Drain and migrate as surface water to the Athens Drainage Channel and then along the ground at the end of the Athens Drainage Channel towards the Wash, similar to the three downgradient wells (AREW-1, AREW-2, AREW-5) as discussed above. Since the storm drain system is made up of concrete pipes and concrete-lined channels, the increased seepage would have migrated to the end of the Athens Drainage Channel within a few days. If the seepage continued to flow as surface water after leaving the Athens Drainage Channel, it could have reached the Wash within a matter of weeks. Thus, changes in groundwater extraction rates near the Pioneer Detention Basin and Eastgate Storm Drain would have caused changes in mass loading to the Wash several times faster through the surface water pathway than through the groundwater pathway. As demonstrated during previous Endeavour extraction well shutdowns, perchlorate mass loading in the Athens Drainage Channel was approximately 25 lbs/day while the extraction wells were not operating (AMPAC 2007, 2013), an increase of over 10 lbs/day compared to the loading reported when the wells are operating at their normal rates (Endeavour 2020a). The flow in the Athens Drainage Channel during previous extraction well shutdowns increased from approximately 150 gpm to over 400 gpm (AMPAC 2013).

Acknowledging the above, average perchlorate mass loading during the reporting period was higher than usual in the Sunrise Mountain-to-Pabco Road reach of the Wash. The mass loading between Sunrise Mountain and Pabco Road was 19.8 lbs/day for the reporting period from July 2019 to June 2020 compared to 9.0 lbs/day for the period from July to December 2019, as reported in the 2019 Semi-Annual Remedial Performance Memorandum (Ramboll 2020b). This confirms that the average mass loading per day in this stream reach for the first half of 2020 was approximately 30.6 lbs/day.

Mass loading estimates for the reporting period are presented in the chart below, in which the sampling locations are shown from west to east beginning with the western-most station shown on the far left. Mass loading estimates for July 2019 through June 2020 are also depicted on Figure 15.



Mass Loading to Las Vegas Wash. This chart shows average mass loading to Las Vegas Wash from July 2019 to June 2020 relative to the average mass loading during the previous reporting period at sampled locations. Distances of the sampled locations along Las Vegas Wash are displayed on the x-axis. There are no sampled locations between Mile 1 and Mile 3 because that is the location of Lake Las Vegas.

As shown in Table 10 and the chart above, estimated loading at LVW 3.5 (Rainbow Gardens) was approximately 74.2 lbs/day, while estimated loading at downstream location LVW 0.55 (Northshore Road) was approximately 76.3 lbs/day during the reporting period. There has been an increase in mass loading at LVW 0.55 (Northshore Road) since the 2018-2019 reporting period, as shown in Table 10. However, the loading estimates in prior years show a decreasing trend. The reason for this recent increase in loading downstream is currently being investigated and will be evaluated as part of the RI Report for OU-3.

The estimated mass loading at LVW 3.5 (Rainbow Gardens) can generally be attributed to mass entering Las Vegas Wash in the reaches between sampled locations shown in the table below and in Figure 15.²⁸ A summary of mass loading within each reach of Las Vegas Wash from upstream of LVW 8.85 (Las Vegas Wasteway) to LVW 3.5 (Rainbow Garden) during the reporting period is provided in Figure 15 and the following table.

²⁸ The table and Figure 15 present mass fluxes calculated by subtracting in-stream perchlorate loading between consecutive sampled locations. Mass flux estimates calculated this way versus via modeled transport simulation (as in Section 8.2.5) are expected to vary due to differences in approach.

Reach of Las Vegas Wash¹	July 2019 – June 2020 Mass Loading Change Within Reach (lbs/day)	Percentage Loading at LVW 3.5 (Rainbow Gardens)
Upstream of LV Wasteway	1.0	1.3%
LV Wasteway to Duck Creek	0.5	0.7%
Duck Cr to Sunrise Mountain	10.8	14.6%
Sunrise Mountain to Pabco Road	19.8	26.7%
Pabco Road to Historic Lateral	17.0	22.9%
Historic Lateral to Calico Ridge	19.8	26.7%
Calico Ridge to Homestead	-5.3	0%
Homestead to Rainbow Gardens	10.6	14.3%

¹ Each reach is defined as the segment of Las Vegas Wash between the listed sampling locations.

As shown in the table above, the calculated perchlorate mass entering the surface water of Las Vegas Wash downstream of Las Vegas Wasteway and upstream of Pabco Road was 31.1 lbs/day from July 2019 to June 2020. The table does not include perchlorate mass in groundwater flowing below Las Vegas Wash. The perchlorate mass entering Las Vegas Wash between Las Vegas Wasteway and Pabco Road primarily originates from the AMPAC/Endeavour perchlorate plume as shown on Figure 15. According to AMPAC/Endeavour’s recent monitoring and performance report (Endeavour 2020b), there are two portions of perchlorate mass from the AMPAC/Endeavour plume that are not captured by the AMPAC/Endeavour remediation system: 1) surface water in the Athens Drainage Channel that infiltrates near Las Vegas Wash, and 2) shallow groundwater in the AMPAC/Endeavour plume not captured by the AMPAC/Endeavour extraction wells.

AMPAC/Endeavour reported that the average perchlorate mass flowing through the Athens Drainage Channel from the AMPAC/Endeavour plume was 12.7 lbs/day from July to December 2019 (Endeavour 2020a, pg. 13) and 15.7 lbs/day from January to June 2020 (Endeavour 2020b, pg. 13). As described above, the perchlorate mass flowing through the Athens Drainage Channel originates from groundwater within the AMPAC/Endeavour plume leaking into the Pioneer Detention Basin or the Eastgate Storm Drain; the Athens Drainage Channel discharges into an unlined area adjacent to Las Vegas Wash. The primary discharge area is where the AMPAC plume intersects the Las Vegas Wash as shown on Figure 15. The reported average perchlorate mass loading rate in July to December 2019 of 12.7 lbs/day does not appear to take into account the potential increase in mass loading as a result of the shutdown of extraction wells in the vicinity of the Eastgate Storm Drain, as discussed earlier in this section. Similarly, the reported perchlorate loading rate in January to June 2020 of 15.7 lbs/day does not appear to take into account the potential increase in mass loading as a result of the shutdown of the extraction wells in the vicinity of the Auto Mall.

In order to mitigate perchlorate mass flowing through the Athens Drainage Channel, AMPAC/Endeavour submitted a work plan in August 2019 proposing the

design and construction of a sump collection and pumping system to capture a portion of water from the Eastgate Storm Drain (Endeavour 2019). While the work plan was approved by NDEP on August 5, 2019, a timeline for implementation is currently unknown.

As shown on Plate 6, the AMPAC/Endeavour perchlorate plume originating from the Former PEPCON Site bifurcates into western and eastern lobes just to the south of the COH Bird Viewing Preserve. These lobes are not captured by the AMPAC/Endeavour extraction system. The western lobe moves north past the COH Bird Viewing Preserve before turning northeast and discharging into Las Vegas Wash primarily upstream of the Pabco Road weir, resulting in perchlorate loading upstream of Pabco Road as discussed above. The eastern lobe becomes comingled with the NERT plume from OU-1 and is captured by the AWF and SWF as indicated by the capture zones shown on Figure 10a. The Shallow Capture Zone Assessment Memorandum submitted by Geosyntec on behalf of AMPAC/Endeavour also concludes that a portion of AMPAC/Endeavour's reported perchlorate mass in shallow groundwater is captured by the SWF and AWF (Geosyntec 2017).

AMPAC/Endeavour reported that the perchlorate mass flowing in shallow groundwater not captured by their extraction wells was 4.2 to 5.5 lbs/day in the second half of 2019 (Endeavour 2020a, pg. 20) and 5.1 to 7.0 lbs/day in the first half of 2020 (Endeavour 2020b, pg. 19). This uncaptured perchlorate mass loading is in addition to the mass loading from the Athens Drainage Channel. Accordingly, the total uncaptured mass loading from the AMPAC/Endeavour plume (including both the perchlorate mass flowing through the Athens Drainage Channel and mass migrating in shallow groundwater not captured by their extraction wells) ranges from 16.9 lbs/day to 22.7 lbs/day for the reporting period. As shown on Figure 15, the measured perchlorate mass loading entering Las Vegas Wash is 31.1 lbs/day downstream of Las Vegas Wasteway and upstream of Pabco Road. This measured mass loading is likely significantly higher than the upper end of the range reported by AMPAC/Endeavour because the reported loading from the Athens Drainage Channel appears to be underestimated by AMPAC/Endeavour, as described above.

The perchlorate mass entering Las Vegas Wash downstream of Pabco Road weir originates primarily from the portions of OU-2 and OU-3 east of Pabco Road, as shown on Figure 15.²⁹ This uncaptured mass will be further evaluated and addressed as part of the FS for OU-3 and final remedy. As shown in the table above and Figure 15, the calculated perchlorate mass entering Las Vegas Wash downstream of Pabco Road was 42.1 lbs/day during the reporting period. This value is the difference in estimated loading between Pabco Road and Rainbow Gardens. Rainbow Gardens is used for the calculation rather than Northshore Road because it is more representative of cumulative loading associated with the historic operations on the NERT Site due to its proximity to the eastern boundary of OU-3. Also, six samples are collected across the Rainbow Gardens stream transect rather than one at Northshore Road.

²⁹ The perchlorate mass loading entering Las Vegas Wash downstream of Pabco Road weir may also include minor amounts of mass loading from the AMPAC/Endeavour plume that migrate in groundwater in an easterly direction before discharging into Las Vegas Wash.

As discussed in Section 8.2.4, there is an estimated 0.5 lbs/day of uncaptured perchlorate mass discharge in the area east of the SWF and west of Pabco Road during second quarter 2020; however, this uncaptured mass discharge is in the vicinity of the SWF Area Bioremediation Treatability Study, which is effectively removing perchlorate. This mass discharge enters Las Vegas Wash downstream of Pabco Road due to the northeasterly direction of groundwater flow in this area. The remainder of the mass discharge entering Las Vegas Wash downstream of Pabco Road results from discharge of groundwater from the portions of OU-2 and OU-3 east of Pabco Road.

As shown in the table above, the reaches with the highest mass loading are the Sunrise Mountain-to-Pabco Road reach and Historic Lateral-to-Calico Ridge reach. Mass loading in the Sunrise Mountain-to-Pabco Road reach during the current reporting period was higher than normal, which is most likely associated with interruptions in AMPAC/Endeavour's extraction well operations coinciding with low flow levels in the Las Vegas Wash. Otherwise, reaches with the highest mass loading are generally consistent with the findings of the Downgradient Study Area Investigation, which identified the toe of Calico Ridge as one of the areas with the highest mass loading of perchlorate to Las Vegas Wash. These findings were based on an aerial thermal infrared (TIR) survey, a fiber-optic distributed temperature survey (DTS), transect sampling, and a comparison of surface water levels to nearby groundwater levels (AECOM 2019a, b). However, given the variability in sample collection dates and sample locations compared with data collected by the Trust, variability in reported perchlorate load in Las Vegas Wash is to be expected.

A subsurface drainage system, designed to intercept groundwater and irrigation drainage, is present at the golf course and residential developments in the eastern portion of OU-3 and is a likely source of additional perchlorate loading to Las Vegas Wash. Following the approval of RI Phase 2 Modification No. 14 (Ramboll 2018b) by NDEP on September 12, 2018, monthly sampling at the C1 Channel 1-W and C1 Channel 1-E began in October 2018 to quantify the perchlorate mass loading to Las Vegas Wash that appears to originate from this subsurface drainage system beneath the Chimera Golf Course and nearby Tuscany residential area. Regular sampling is not conducted at the nearby C12 Channel 2, as it is normally dry. Excluding outlier data, the combined average perchlorate mass loading from C1 Channel outfalls that enters Las Vegas Wash just upstream of LVW 5.3 (Historic Lateral) is 1.66 lbs/day, as shown on Figure 15.

In summary, the calculated perchlorate mass of 31.1 lbs/day entering Las Vegas Wash downstream of Las Vegas Wasteway and upstream of Pabco Road weir originates primarily from the AMPAC/Endeavour perchlorate plume. The calculated perchlorate mass of 42.1 lbs/day entering Las Vegas Wash downstream of Pabco Road weir originates primarily from the portions of OU-2 and OU-3 east of Pabco Road and a very small area west of Pabco Road (east of the SWF capture zone) and is associated with NERT. This uncaptured perchlorate mass flux entering Las Vegas Wash downstream of Pabco Road weir will be further evaluated and addressed as part of the FS for OU-3 and final remedy.

8.2.6.1 Comparison of Perchlorate Mass Loading and Horizontal Mass Flux

This section compares the perchlorate mass loading in surface water with the estimates of mass flux in groundwater for this performance period. It is important to emphasize that mass flux and mass loading are two disparate metrics: perchlorate mass flux estimates (discussed in Section 8.2.5) are calculated using measured perchlorate concentrations in groundwater and groundwater flow parameters estimated using the model, whereas perchlorate mass loading (discussed in Section 8.2.6) is calculated using measured perchlorate concentrations in surface water and the corresponding stream flow rate measured at the time of surface water sampling.

Upstream of Pabco Road, the mass flux (18 lbs/day) is lower than the perchlorate mass loading as measured entering the surface water of Las Vegas Wash (31.1 lbs/day). It is expected that this unusually high perchlorate mass loading in Las Vegas Wash between Las Vegas Wasteway and Pabco Road during the reporting period was due to several extraction wells being offline during a period of low flows in the Las Vegas Wash. Unique, short-lived events like extraction well shut-offs are unlikely to be reflected in the mass flux estimate, which uses perchlorate concentrations in groundwater. Perchlorate concentrations in surface water of the Las Vegas Wash, a component of the mass loading calculation, are more responsive to short-term events where surface water is affected.

Downstream of Pabco Road, the mass flux (31 lbs/day) is also lower than the perchlorate mass loading as measured entering the surface water of Las Vegas Wash (42.1 lbs/day). These estimates are relatively consistent with values reported in the 2018-2019 Annual Remedial Performance Report of 36 lbs/day and 49.9 lbs/day, respectively (Ramboll 2019c).

8.2.7 Environmental Footprint

As requested by USEPA in April 2017, a quantitative analysis of the environmental footprint of the GWETS and performance monitoring program during the current reporting period has been conducted using the USEPA's SEFA Excel workbooks.

The SEFA workbooks were used to calculate environmental footprint metrics using an inventory of energy and materials used, wastes generated, and activities and services conducted for GWETS and performance monitoring efforts. The information used for this analysis was obtained from internal documents maintained by the Trust, Envirogen, Tetra Tech, and Ramboll. Ramboll solicited input from Envirogen and Tetra Tech as necessary to fill remaining data gaps. In cases where specific information was not available, estimates have been provided based on professional judgement. The sources of information used are further detailed in Table G-1 in Appendix G. The inventory data used as input into the SEFA workbooks are available in Tables G-2 through G-8 in Appendix G. The SEFA workbooks are also included in Appendix G (electronically on the memorandum USB flash drive). The SEFA workbooks comprise three separate workbooks, which should be opened concurrently in order to view the SEFA inputs, calculations, and results. A summary of the results from the SEFA workbooks reflecting data from the reporting period is shown in the table below, followed by a table of key contributors to the footprint and a comparison to previous reporting periods.

Core Element	Metric	Footprint	Units
Materials & Waste	Refined materials used on-site	1060	Tons
	Non-hazardous waste disposed of off-site	600	Tons
Water	Groundwater use	677	Million Gallons
	Surface water use	17.2	Million Gallons
	Water evaporation	38	Million Gallons
Energy	Total energy used (on-site and off-site)	100,800	Million British Thermal Units (BTU)
	Electricity Use - Groundwater Extraction (electricity supplied by NV Energy)	1,535	Megawatt Hours (MWh)
	Electricity Use - Groundwater Treatment (hydroelectric power supplied by Colorado River Commission)	5,536	MWh
Air	Total nitrogen oxides (NO _x) emissions	8,600	lbs
	Total sulfur oxides (SO _x) emissions	19,400	lbs
	Total particulate matter (PM) emissions	680	lbs
	Total hazardous air pollutants (HAP) emissions	120	lbs
	Total greenhouse gas (GHG) emissions	1,810	Tons carbon dioxide equivalents (CO ₂ e)

Major contributors to each core element (or core element component) of the overall environmental footprint, and their relative percent contribution, are presented in the table below. Additional details regarding key contributors to GHG emissions and energy usage are shown in the charts below.

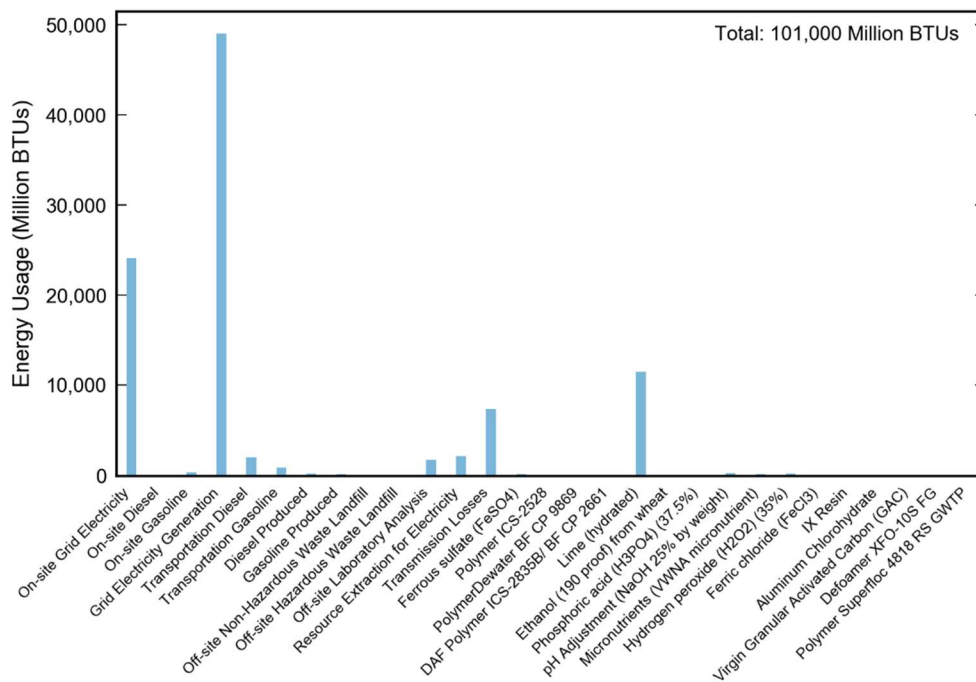
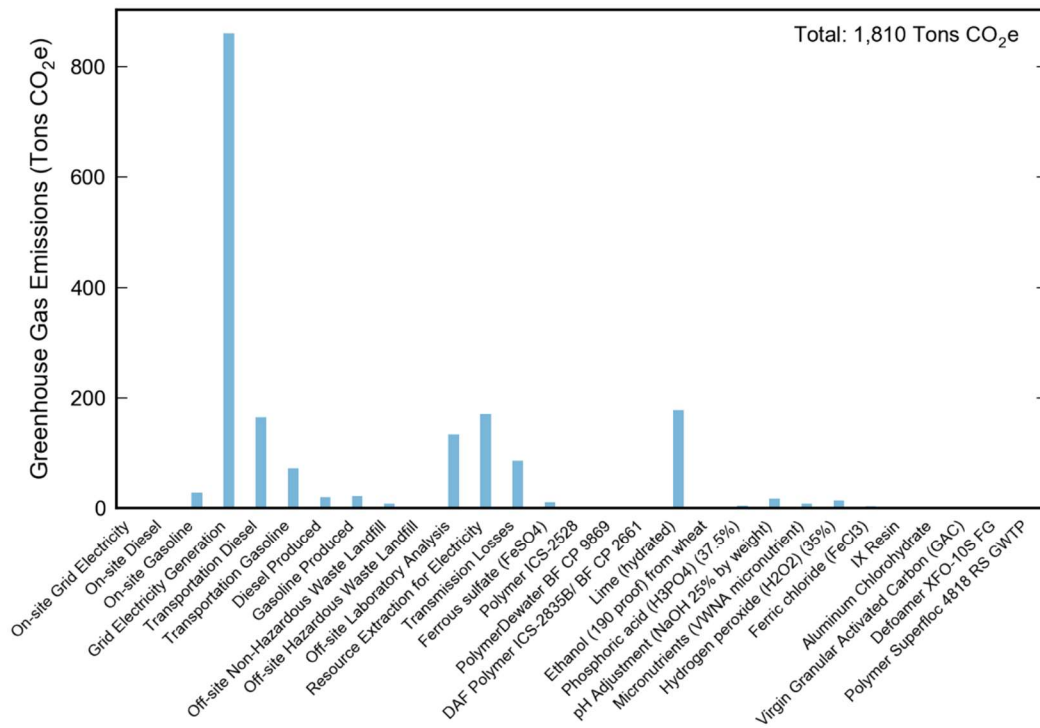
Core Element	Contributors
Materials	Groundwater treatment chemicals – 99.9%
	IX Resin – 0.1%
	Granular Activated Carbon (GAC) ³⁰ – 0%
Wastes	FBR Sludge – 92.0%
	GWTP Sludge – 3.8%
	IX Resin – 4.2%
Water	Groundwater Use – 92.5%
	Surface water use – 2.4%
	Water evaporation – 5.2%
Energy	Electricity for groundwater treatment – 59.4%
	Electricity for groundwater extraction and conveyance – 16.5%
	Non-electricity energy usage – 24.1%
Air (GHG)³¹	Electricity for groundwater extraction and conveyance – 63.7%
	Transportation (materials, waste, personnel, equipment) – 11.5%
	Manufacture of treatment chemicals and materials – 13.3%
	Off-site laboratory analysis – 7.5%
	Other off-site activities (fuel processing, waste management) – 2.5%
	On-site equipment use (vehicles, generators, compressor) – 1.5%
	Electricity for groundwater treatment ³² – 0%

³⁰ No environmental footprint was calculated for the production of GAC since 100% of the GAC is regenerated and reused as reported by Envirogen.

³¹ For air emissions, only GHG emissions are evaluated by major contributor, consistent with USEPA’s evaluation of the 2015-2016 environmental footprint.

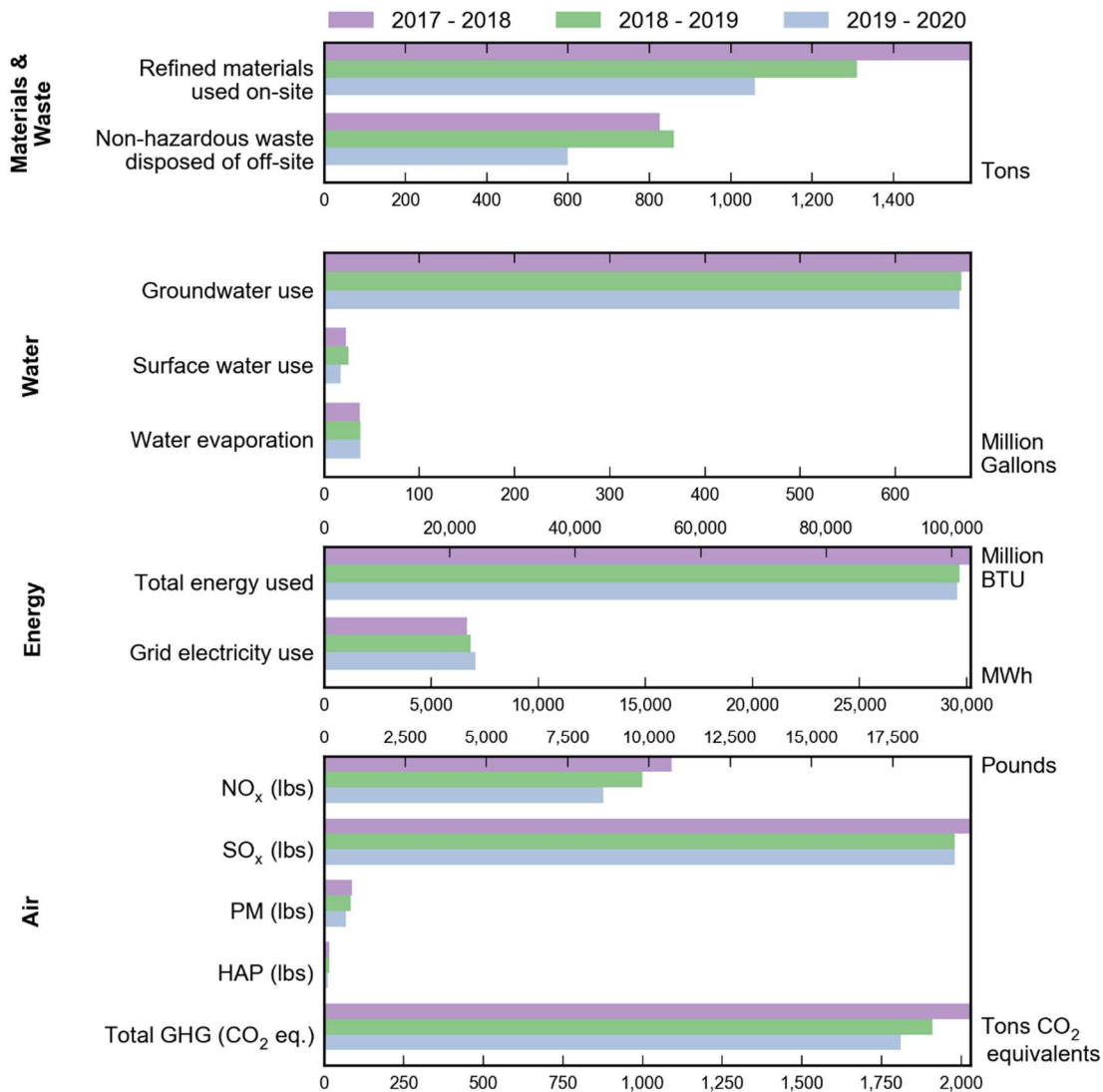
³² Electricity for groundwater treatment is provided by hydroelectric power supplied by Colorado River Commission, and therefore does not contribute to the greenhouse gas component of the footprint.

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Key Contributors. These charts show the key contributors to GHG emissions and energy usage during the current reporting period. These results were obtained from the SEFA workbooks included in Appendix G.

A comparison of the current environmental footprint³³ and the two prior annual reporting periods is shown in the bar charts below. In general, groundwater use has the largest impact on the environmental footprint, which is reasonable given that the purpose of the GWETS is to extract, convey, and treat groundwater. Over the past three reporting periods, groundwater use has remained relatively consistent. During the 2020 annual reporting period (shown in blue bars), groundwater use remained approximately the same as in 2019. Total energy use followed the same trend as groundwater use. Materials used on-site and non-hazardous wastes disposed of off-site decreased significantly in the current reporting period from the previous two years.



Environmental Footprint Analysis. This chart compares the core elements and metrics of the environmental footprint for the current and previous two semi-annual reporting periods.

³³ The footprint does not include the materials or wastes associated with one-time events, such as wastes associated with the AP-5 pond and its closure in the Fall of 2018.

In April 2017, USEPA requested the Trust conduct a review of potential Best Management Practices (BMPs) for the GWETS and performance monitoring program following the ASTM Standard Guide for Greener Cleanups (E2893-16) (ASTM 2016). An initial review of potential BMPs was conducted in 2017, and results of this review were presented to USEPA and NDEP during first quarter 2018. Based on this review, the Trust, in coordination with USEPA and NDEP, selected one short-term BMP for implementation starting in late 2018 and identified four BMP Feasibility Analyses to be performed, as discussed in the 2018 Greener Cleanup Best Management Practice Implementation Work Plan, Revision 1 (Ramboll 2018c). Comments from NDEP on the 2018 Greener Cleanup Best Management Practice Implementation Work Plan, Revision 1 were received during the reporting period and were addressed in the Greener Cleanup Best Management Practice Implementation Work Plan, Revision 2 (the "BMP Work Plan") (Ramboll 2020c). The BMP Work Plan was approved by NDEP on August 4, 2020. The BMP Work Plan describes the BMP process and identifies the selected BMPs: one short-term BMP implemented in 2018, four short-term BMPs selected for feasibility analyses, and the 30 long-term BMPs, of which the five most promising BMPs would be evaluated first. The BMP Work Plan also describes the approach for implementing the selected BMP and performing the BMP Feasibility Analyses, as well as presenting the proposed schedule and estimated costs.

A Renewable Energy Assessment was submitted to NDEP in February 2020 as one of the four short-term BMPs selected for feasibility analysis (Ramboll 2020d). The development of a letter report for the other BMP feasibility analyses and an evaluation of the long-term BMPs are in progress and are expected to be completed in 2021. Following the evaluation, the Trust will determine whether to implement any of these additional BMPs and will propose timeframes for implementation. The results of BMP implementation, including a summary of actions taken and an evaluation of footprint reductions achieved, will be documented in future performance submittals.

Several short-term BMPs have been evaluated and are being documented in a memorandum to be submitted in early 2021. This memorandum documents the evaluation of short-term BMPs including the implementation of the BMP for re-using sampling equipment. For example, dedicated tubing has been stored in all functioning wells that have sufficient water for sampling.³⁴ The GWETS operations team also implemented the re-use of sampling equipment, which helps to minimize landfill wastes.

As part of the RI/FS process, the Trust will consider potential environmental footprint impacts of ongoing monitoring and operation of the final remedy as one of the criteria for remedy selection and continue to evaluate practices for implementation that may reduce future footprint impacts. In addition, the Trust will continue to identify potential BMPs for implementation as opportunities arise and summarize BMPs implemented and footprint reductions achieved in future

³⁴ Per Ramboll's email correspondence with Tetra Tech on March 19, 2020, there are 186 wells that have dedicated tubing stored in the well, 4 wells that have dedicated tubing stored in Tetra Tech's Conex box, and 34 wells that have dedicated pumps with dedicated tubing stored in each well. There are 7 wells with insufficient water for sampling and 5 wells that have been decommissioned, destroyed, or damaged, for a total of 236 wells.

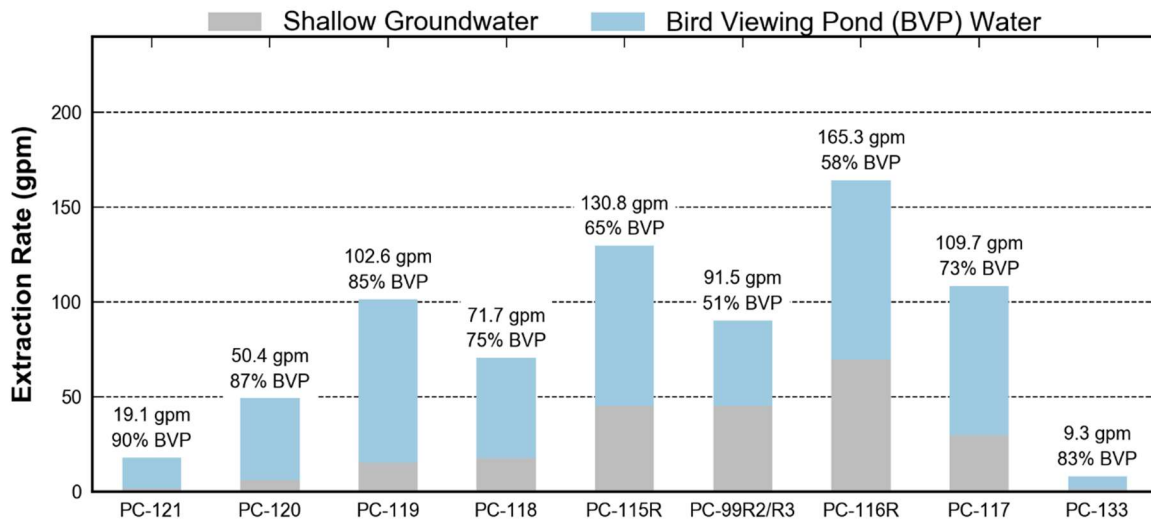
performance submittals. Once the final remedy is in place, the environmental footprint analysis will be modified to account for the new system and the associated monitoring program.

8.2.8 Surface Water and Groundwater Interaction Near the SWF

Because the SWF is located near two surface water bodies (Las Vegas Wash and the COH Bird Viewing Ponds), extraction at the SWF has the potential to induce water originating at these two surface water bodies to flow into the SWF extraction wells. Analyses presented in the Seep Well Field Flow Quantification Technical Memorandum, which was submitted to NDEP on September 9, 2016 (Ramboll Environ 2016b), evaluated the potential contributions of these sources to SWF extraction. This analysis was not a comprehensive evaluation of all potential source waters comprising SWF extraction but rather was a focused analysis of potential surface water influences. This evaluation indicated that water extracted at the SWF is likely influenced by the COH Bird Viewing Ponds, whereas Las Vegas Wash does not appear to contribute significantly to water extracted by the SWF.

Since the surface water from the COH Bird Viewing Ponds is comprised primarily of treated municipal wastewater effluent, minimization of this inflow would reduce the volume of clean water extracted by the SWF. However, given the presence of perchlorate in groundwater in the vicinity of the SWF, reduction of extraction rates would potentially result in increased perchlorate mass loading to the Las Vegas Wash. Until final remedial decisions are made, the Trust will continue operating the SWF in its current configuration. The interactions between surface water bodies and groundwater will be an important consideration when evaluating performance of the overall long-term remedy and will be evaluated in further detail in the forthcoming FS for OU-3.

A simple mixing calculation using TDS as a tracer was performed to quantify the amounts of COH Bird Viewing Pond water and upgradient shallow groundwater extracted at the SWF, the results of which are shown in the figure below. It is important to note this calculation does not consider other potential sources of contribution to SWF extraction. The calculation is based on May 2020 SWF extraction rates and May 2020 TDS concentrations in the COH Bird Viewing Ponds, upgradient shallow monitoring wells, and SWF extraction wells. This calculation suggests that the SWF is extracting primarily COH Bird Viewing Pond water, with the majority of COH Bird Viewing Pond water extracted on the western and eastern ends of the SWF. Although the SWF is likely extracting a large percentage of COH Bird Viewing Pond water, operation of the SWF in its current configuration is necessary in order to maintain complete capture of contamination originating at OU-1 thus minimizing loading to Las Vegas Wash.



SWF Surface Water Extraction. This chart shows the extraction rate and the estimated percentage of Bird Viewing Pond water extracted at each SWF extraction well during May 2020.

9. ONGOING AND FUTURE ACTIVITIES

The table below lists the current status of upcoming tasks related to the GWETS and performance monitoring program.

Task	Purpose	Current Status	Planned Activities
Treatment System			
AP-5 Solids Removal and Pond Closure	Remove solids from AP-5 in order to decommission the Pond.	<p>The AP-5 Pond Closure Plan was approved by NDEP on January 27, 2017, and Tetra Tech completed closure of the AP-5 Pond on October 12, 2018. The AP-5 Pond Closure Report was submitted to NDEP in June 2019. The Trust is currently awaiting response from NDEP's Bureau of Water Pollution Control on the administrative closure of the pond.</p> <p>The AP-5 Pond solids washing and decant transfer operations to the FBRs were completed on January 4, 2020.</p> <p>Treatment of AP-5 wash water through the FBRs began in July 2017 and was completed on July 14, 2020.</p>	If necessary, respond to comments from NDEP's Bureau of Water Pollution Control regarding administrative closure.
GWETS Extension	As directed by NDEP, a treatment system extension is being constructed to remove perchlorate and chromium from groundwater migrating from the NERT site and extracted by TIMET. This treatment system will share certain elements of the existing GWETS control and solids management systems.	The GWETS Treatment System Extension (TSE) is being designed to accommodate 100 gpm of flow to treat perchlorate and chromium extracted by TIMET.	It is currently anticipated that the TSE will commence operations before the end of 2021.

Task	Purpose	Current Status	Planned Activities
<p>GWETS Upgrades for Treatment of Groundwater from Unit 4 Treatability Study</p>	<p>Temporarily treat groundwater extracted from the Unit 4 area as part of the ongoing Unit 4 Source Area In-Situ Bioremediation Treatability Study.</p>	<p>Design of upgrades are on hold, pending submittal and subsequent approval of the Unit 4 Source Area In-Situ Bioremediation Treatability Study Phase 2 Addendum.</p>	<p>The Unit 4 Source Area In-Situ Bioremediation Treatability Study Phase 2 Addendum is currently anticipated to be submitted in the second quarter 2021.</p>
<p>GW-11 Pond Closure</p>	<p>Permanently close the GW-11 Pond either in connection with or ahead of implementation of the NERT final remedy for Operable Unit 1.</p>	<p>Drilling and sampling of the GW-11 berm was conducted in late August through early September 2020 to obtain data to evaluate soil handling and disposal options associated with closure of the pond. The results of this and prior investigations will be included as an appendix to the GW-11 Pond Closure Plan, currently anticipated to be submitted in late 2021.</p>	<p>GW-11 Pond Closure Plan will be submitted in late 2021.</p>

Task	Purpose	Current Status	Planned Activities
<p>Hydrogen-based Gas Permeable Membrane Pilot System</p>	<p>The Pilot System is a temporary system to evaluate the effectiveness of the technology in reducing perchlorate concentrations.</p>	<p>The work plan for the pilot test was submitted to NDEP in February 2020 and approved on March 27, 2020.</p> <p>Installation of the Pilot System began on July 7, 2020. System start-up and shakedown testing was initiated on July 22, 2020 following preliminary wet testing and programming.</p> <p>Treated water from the Pilot System is discharged intermittently to the GW-11 Pond throughout testing. Treated water was first discharged to GW-11 on July 14, 2020, and is expected to continue through approximately third quarter 2021.</p>	<p>Operation of the pilot unit consistent with the approved work plan is expected to continue throughout 2021.</p>
Performance Monitoring Plan			
<p>2020 SAP Transducer Network</p>	<p>Update the transducer network to improve monitoring of groundwater elevation trends.</p>	<p>The updated transducer network was described in Appendix B of the 2020 SAP, which was approved by NDEP on April 30, 2020.</p> <p>The transducers were installed in second quarter and third quarter 2020.</p>	<p>None.</p>
<p>2021 SAP</p>	<p>Revise the SAP to include monitoring wells installed as part of the RI.</p>	<p>A revised SAP is currently being prepared.</p>	<p>A revised SAP is to be submitted by second quarter 2021.</p>
Performance Metrics³⁵			

³⁵ The implementation schedule for the revised GWETS Performance Metrics was presented in the Performance Metrics Technical Memorandum, which was submitted to NDEP on October 5, 2017 (Ramboll Environ 2017d) and approved by NDEP on October 19, 2017 (NDEP 2017).

Task	Purpose	Current Status	Planned Activities
Phase 6 Groundwater Model	The new model simulates contaminant transport and incorporates data collected during the RI Phase 2 and 3 and other investigations.	The Phase 6 model was approved by NDEP on July 22, 2020 with comments. NERT's response to NDEP comments, which was submitted on October 9, 2020, was approved by NDEP on November 4, 2020.	The Phase 7 model is under development.
Other Activities			
Greener Cleanup Best Management Practices (BMP)	Reduce the environmental footprint of the current GWETS operations and performance monitoring program activities.	NDEP approved a revised BMP work plan on August 4, 2020. As discussed in Section 8.2.7, the revised BMP Work Plan outlines the BMPs selected for feasibility analyses and implementation. A Renewable Energy Assessment, a preliminary assessment of opportunities to reduce the energy and GHG footprints of the GWETS and associated performance monitoring program, was submitted to NDEP on February 28, 2020.	BMP Feasibility Analyses are planned to be completed in early 2021. Additional BMPs may be implemented.
GW-11 Pond Emergency Action Plan	Identify potential emergency conditions at the GW-11 Pond and specify actions during an emergency event.	Following comments received from local and state agencies from an emergency Action Plan seminar hosted by NERT on December 5, 2019, a revised GW-11 Pond Emergency Action Plan was submitted to NDEP Division of Water Resources in January 2020.	No future activities associated with this task are planned.

10. REFERENCES

- ASTM. 2016. ASTM E2893-16e1, Standard Guide for Greener Cleanups, ASTM International, West Conshohocken, PA, www.astm.org.
- AECOM. 2019a. Data Gap Investigation Technical Memorandum – Phase I Groundwater Quality Assessment; NERT Remedial Investigation – Downgradient Study Area; Nevada Environmental Trust Site; Henderson, Nevada. February 2019.
- AECOM. 2019b. Supplemental Surface Water Investigation Technical Memorandum; NERT Remedial Investigation – Downgradient Study Area; Nevada Environmental Response Trust Site; Henderson, Nevada. April 2019.
- AMPAC (American Pacific Corporation). 2007. Report on the One Year Performance and Operations Optimization Program of the AMPAC In Situ Bioremediation (“ISB”) System for Perchlorate in Groundwater at the Athens Rd/Galleria Dr Area in Henderson, Nevada. August 23.
- AMPAC. 2013. BCA Semi-Annual Performance and BWPC UIC Monitoring Program, July 1 to December 31, 2012; Perchlorate Bioremediation System, American Pacific Corporation, Henderson, Nevada. February 13.
- Endeavour (Endeavour, LLC). 2019. Work Plan for Eastgate Drain Surface Water Mitigation System for Collection and Treatment at AGTS. August 1. NDEP Approved August 5, 2019.
- Endeavour. 2020a. BISC Semi-Annual Monitoring and Performance Report, Rev. 1, July 1 to December 31, 2019. February 14.
- Endeavour. 2020b. BISC Semi-Annual Monitoring and Performance Report, Rev. 1, January 1 to June 30, 2020. August 14.
- Envirogen. 2019a. NERT – GWETS Operation Monthly Report – July 2019. August 20.
- Envirogen. 2019b. NERT – GWETS Operation Monthly Report – August 2019. September 20.
- Envirogen. 2019c. NERT – GWETS Operation Monthly Report – September 2019. October 20.
- Envirogen. 2019d. NERT – GWETS Operation Monthly Report – October 2019. November 20.
- Envirogen. 2019e. NERT – GWETS Operation Monthly Report – November 2019. December 20.
- Envirogen. 2020a. NERT – GWETS Operation Monthly Report – December 2019. January 20.
- Envirogen. 2020b. NERT – GWETS Operation Monthly Report – January 2020. February 20.
- Envirogen. 2020c. NERT – GWETS Operation Monthly Report – February 2020. March 20.

- Envirogen. 2020d. NERT – GWETS Operation Monthly Report – March 2020. April 20.
- Envirogen. 2020e. NERT – GWETS Operation Monthly Report – April 2020. May 20.
- Envirogen. 2020f. NERT – GWETS Operation Monthly Report – May 2020. June 20.
- ENVIRON. 2013. 2013 GWETS Optimization Project Work Plan, Revision 1, Nevada Environmental Response Trust Site; Henderson, Nevada. November 22. NDEP approved December 3, 2013.
- ENVIRON. 2014. Remedial Investigation and Feasibility Study Work Plan, Revision 2, Nevada Environmental Response Trust Site; Henderson, Nevada. June 19. NDEP approved July 2, 2014.
- Geosyntec (Geosyntec Consultants). 2017. Shallow Zone Capture Assessment – Revision 1; Endeavour, Henderson, NV. March 23.
- NERT. 2020. Phase 6 Groundwater Model Response to Comments; Nevada Environmental Response Trust Site, Henderson, Nevada. October 9.
- NDEP (Nevada Division of Environmental Protection). 2006. Settlement Agreement and Administrative Order on Consent: BMI Common Areas, Phase 3 (AOC3). February.
- NDEP. 2009. BMI Plant Sites and Common Areas Project, Henderson, Nevada: Hydrogeologic and Lithologic Nomenclature Unification. January 6.
- NDEP. 2011. Nevada Division of Environmental Protection (NDEP) Response to: Annual Remedial Performance Report for Chromium and Perchlorate July 2010-June 2011, Nevada Environmental Response Trust Site, Henderson, Nevada; Dated August 26, 2011. December 15.
- NDEP. 2013. Nevada Division of Environmental Protection (NDEP) Response to: 2013 GWETS Optimization Project Work Plan, Revision 1; Dated November 22, 2013. December 3.
- NDEP. 2014. Nevada Division of Environmental Protection (NDEP) Response to: Semi-Annual Remedial Performance Report for Chromium and Perchlorate, Nevada Environmental Response Trust Site, Henderson, Nevada; Dated February 28, 2014. April 9.
- NDEP. 2016a. Nevada Division of Environmental Protection (NDEP) Response to: Annual Remedial Performance Report for Chromium and Perchlorate, Nevada Environmental Response Trust Site, Henderson, Nevada; Dated October 31, 2016. December 6.
- NDEP. 2017. Nevada Division of Environmental Protection (NDEP) Response to: RI Study Area Mass Estimate and Expanded Performance Metrics Technical Approach Technical Memorandum, Nevada Environmental Response Trust Site, Henderson, Nevada; Dated October 5, 2017. October 19.
- NDEP. 2020a. Nevada Division of Environmental Protection (NDEP) Response to: Annual Remedial Performance Report for Chromium and Perchlorate, Nevada Environmental Response Trust Site, Henderson, Nevada; Dated December 31, 2019. April 30.

- NDEP. 2020b. Nevada Division of Environmental Protection (NDEP) Response to: Remedial Performance Groundwater Sampling and Analysis Plan, Revision 1; Dated March 9, 2020. April 30.
- NDEP. 2020c. Nevada Division of Environmental Protection (NDEP) Response to: Phase 6 Groundwater Flow and Transport Model, Nevada Environmental Response Trust Site, Henderson, Nevada; Dated November 2017, 2019. July 22.
- NDEP. 2020d. Nevada Division of Environmental Protection (NDEP) Response to: The Annotated Response to Comments Regarding the Nevada Division of Environmental Protection's (NDEP's) comments on the Phase 6 Groundwater Flow and Transport Model, Nevada Environmental Response Trust Site, Henderson, Nevada; Dated October 9, 2020. November 4.
- NDEP. 2020e. Nevada Division of Environmental Protection (NDEP) Response to: Semi-Annual Remedial Performance Memorandum for Chromium and Perchlorate, Nevada Environmental Response Trust Site, Henderson, Nevada; Dated September 4, 2020. November 4.
- Ramboll Environ (Ramboll Environ US Corporation). 2016a. 2016 Groundwater Monitoring Optimization Plan, Nevada Environmental Response Trust Site; Henderson, Nevada. April 29. NDEP approved June 24, 2016.
- Ramboll Environ. 2016b. Seep Well Field Flow Quantification Technical Memorandum, Nevada Environmental Response Trust Site; Henderson, Nevada. September 9. NDEP approved October 27, 2016.
- Ramboll Environ. 2017a. Remedial Performance Groundwater Sampling and Analysis Plan, Nevada Environmental Response Trust Site; Henderson, Nevada. March 24. NDEP approved April 7, 2017.
- Ramboll Environ. 2017b. RI/FS Work Plan Addendum: Phase 3 Remedial Investigation, Revision 1, Nevada Environmental Response Trust Site; Henderson, Nevada. October 27. Approved by NDEP on October 27, 2017.
- Ramboll Environ. 2017c. Athens Road Well Field Capture Evaluation and Matrix Diffusion Study Work Plan; Nevada Environmental Response Trust Site; Henderson, Nevada. September 22. NDEP approved October 3, 2017.
- Ramboll Environ. 2017d. RI Study Area Mass Estimate and Expanded Performance Metrics Technical Approach Technical Memorandum, Nevada Environmental Response Trust Site; Henderson, Nevada. October 5. Approved by NDEP on October 19, 2017.
- Ramboll (Ramboll US Corporation). 2018a. Phase 2 Remedial Investigation Modification No. 10; Nevada Environmental Response Trust Site; Henderson, Nevada. March 1.
- Ramboll. 2018b. Phase 2 Remedial Investigation Modification No. 14; Nevada Environmental Response Trust Site; Henderson, Nevada. September 11.

- Ramboll. 2018c. 2018 Greener Cleanup Best Management Practice Implementation Work Plan, Revision 1; Nevada Environmental Response Trust Site; Henderson, Nevada. October 26.
- Ramboll. 2018d. Annual Remedial Performance Report for Chromium and Perchlorate; Nevada Environmental Response Trust Site; Henderson, Nevada; July 2017-June 2018. November 9. NDEP approved January 18, 2019.
- Ramboll. 2019a. Barrier Wall Integrity Evaluation Report, Revision 1; Nevada Environmental Response Trust Site; Henderson, Nevada. November 21. NDEP Approved December 23, 2019.
- Ramboll. 2019b. Phase 6 Groundwater Flow and Transport Model; Nevada Environmental Response Trust Site; Henderson, Nevada. November 27.
- Ramboll. 2019c. Annual Remedial Performance Report for Chromium and Perchlorate; Nevada Environmental Response Trust Site; Henderson, Nevada; July 2018-June 2019. December 31. NDEP Approved April 30, 2020.
- Ramboll. 2020a. Remedial Performance Sampling and Analysis Plan, Revision 1; Nevada Environmental Response Trust Site; Henderson, Nevada. March 9. NDEP Approved April 30, 2020.
- Ramboll. 2020b. Semi-Annual Remedial Performance Memorandum for Chromium and Perchlorate; Nevada Environmental Response Trust Site; Henderson, Nevada. September 4. NDEP Approved November 4, 2020.
- Ramboll. 2020c. Greener Cleanup Best Management Practice Implementation Work Plan, Revision 2; Nevada Environmental Response Trust Site; Henderson, Nevada. February 11. NDEP Approved August 4, 2020.
- Ramboll. 2020d. Renewable Energy Assessment; Nevada Environmental Response Trust Site; Henderson, Nevada. February 27.
- Singh, A. and J. M. Nocerino. 2007. Statistical Methods for Environmental Applications Using Data Sets with Below Detection Limit Observations as Incorporated in ProUCL 4.0. Presented at 26th Annual EPA Quality Assurance Conference, Cincinnati, OH, June 11 - 14.
- Tetra Tech (Tetra Tech, Inc.). 2014. GWETS Enhanced Operational Metrics Proposal, Nevada Environmental Response Trust Site; Henderson, Nevada. August 20.
- Tetra Tech. 2017. Soil Flushing Treatability Study Report, Nevada Environmental Response Trust; Henderson, Nevada. August 20.
- Tetra Tech. 2020. Seep Well Field Area Bioremediation Treatability Study, 2019 Annual Progress Report, Nevada Environmental Response Trust Site; Henderson, Nevada. May 20.
- USGS (United States Geological Survey). 2018. Email correspondence containing estimated travel times between USGS gages. February 22.

TABLES

TABLE 1: INTERCEPTOR WELL FIELD DISCHARGE RATES

Nevada Environmental Response Trust Site

Henderson, Nevada

Well ID	July 2015- June 2016 (gpm)	July 2016- June 2017 (gpm)	July 2017- June 2018 (gpm)	July 2018- June 2019 (gpm)	July 2019- June 2020 (gpm)	Well Screened In
I-AA	1.0	0.8	1.1	1.0	0.8	Qal/UMCf
I-AB	0.0	0.0	0.0	0.0	0.0	Qal/UMCf
I-AC	0.0	0.0	0.0	0.0	0.0	Qal/UMCf
I-AD	0.0	0.0	0.0	0.0	0.0	Qal/UMCf
I-AR	0.5	0.3	0.2	0.2	0.0	Qal/UMCf
I-B	0.8	0.7	0.5	0.5	0.7	Qal/UMCf
I-C	2.8	3.4	3.6	3.2	3.3	Qal/UMCf
I-D	2.3	2.4	1.8	1.1	1.1	Qal/UMCf
I-E	1.0	1.6	1.3	1.2	0.8	Qal/UMCf
I-F	3.9	4.2	4.3	3.9	4.5	Qal/UMCf
I-G	0.2	0.1	0.1	0.1	0.1	Qal/UMCf
I-H	0.9	1.3	1.1	1.0	1.5	Qal/UMCf
I-I	4.8	4.9	5.0	5.1	4.8	Qal/UMCf
I-J	7.3	6.9	6.6	6.2	6.9	Qal/UMCf
I-K	3.2	3.2	3.1	3.5	3.8	Qal/UMCf
I-L	1.8	1.8	1.4	1.0	1.0	Qal/UMCf
I-M	2.1	1.4	1.8	1.9	1.6	Qal/UMCf
I-N	2.9	4.0	3.7	2.5	2.6	Qal/UMCf
I-O	0.9	0.4	0.8	1.2	0.4	Qal/UMCf
I-P	2.0	2.1	1.8	1.7	1.8	Qal/UMCf
I-Q	0.5	0.6	0.2	0.3	0.3	Qal/UMCf
I-R	2.1	1.1	1.4	0.9	0.8	Qal/UMCf
I-S	4.4	4.5	2.8	2.4	4.8	Qal/UMCf
I-T	0.4	0.5	0.4	0.5	0.5	Qal/UMCf
I-U	0.8	0.8	0.8	0.7	0.6	Qal/UMCf
I-V	4.2	4.2	4.3	4.3	4.3	Qal/UMCf
I-W	0.7	0.9	0.7	0.6	0.7	Qal/UMCf
I-X	1.8	1.9	3.6	3.5	3.3	Qal/UMCf
I-Y	0.9	1.3	1.3	1.3	1.2	Qal/UMCf
I-Z	6.9	7.3	7.7	7.2	7.8	Qal/UMCf
TOTAL	61.1	62.4	61.3	56.9	60.1	

Notes:

Pumping rates are presented as annual averages.

gpm = gallons per minute

Qal = Quaternary Alluvium

UMCf = Upper Muddy Creek Formation (first fine-grained unit)

TABLE 2: ATHENS ROAD WELL FIELD DISCHARGE RATES

Nevada Environmental Response Trust Site

Henderson, Nevada

Well ID	July 2015- June 2016 (gpm)	July 2016- June 2017 (gpm)	July 2017- June 2018 (gpm)	July 2018- June 2019 (gpm)	July 2019- June 2020 (gpm)	Well Screened In
ART-1/1A	1.8	20.5	40.5	38.2	40.3	Qal
ART-2/2A	57.6	92.8	147.6	149.8	149.6	Qal
ART-3/3A	49.4	31.0	18.7	18.9	21.7	Qal
ART-4/4A	11.5	5.2	2.9	3.0	3.5	Qal
ART-7/7A/7B ¹	22.0	17.3	16.4	17.9	19.2	Qal
ART-8/8A	63.4	127.2	175.6	177.2	170.2	Qal
ART-9	60.7	59.9	59.8	57.7	58.8	Qal
PC-150 ¹	3.7	1.6	1.5	1.5	1.5	Qal
TOTAL	270.1	355.6	463.1	464.1	464.9	

Notes:

Pumping rates are presented as annual averages.

ART-1, 2, 3, 4, 7B, and 8 have adjacent recovery wells - "Buddy Wells" - designated by the letter "A".

¹ ART-7B and PC-150 were activated as part of the 2013 GWETS Optimization project; ART-7B began pumping in October 2014 and PC-150 began pumping in November 2014.

gpm = gallons per minute

Qal = Quaternary Alluvium

TABLE 3: SEEP WELL FIELD DISCHARGE RATES

Nevada Environmental Response Trust Site

Henderson, Nevada

Well ID	July 2015- June 2016 (gpm)	July 2016- June 2017 (gpm)	July 2017- June 2018 (gpm)	July 2018- June 2019 (gpm)	July 2019- June 2020 (gpm)	Well Screened In
PC-115R	98.0	102.9	129.4	130.0	130.3	Qal
PC-116R	136.3	139.7	167.1	166.7	165.8	Qal
PC-117	101.3	109.1	113.4	112.9	109.8	Qal
PC-118	67.7	59.5	64.8	66.4	71.4	Qal
PC-119	58.7	52.9	99.0	100.7	102.0	Qal
PC-120	0.0	33.8	62.2	50.3	50.2	Qal
PC-121	0.0	14.8	24.3	19.2	19.4	Qal
PC-133	8.3	7.8	9.8	9.8	9.9	Qal
PC-99R2/R3 ¹	63.6	64.1	87.4	85.5	90.0	Qal
TOTAL	533.9	584.6	757.5	741.6	748.9	

Notes:

Pumping rates are presented as annual averages.

¹ Wells PC-99R2 and PC-99R3 are connected and operate as a single pumping well.

gpm = gallons per minute

Qal = Quaternary Alluvium

TABLE 4: AP AREA EXTRACTION WELL DISCHARGE RATES
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	July 2015- June 2016 (gpm)	July 2016- June 2017 (gpm)	July 2017- June 2018 (gpm)	July 2018- June 2019 (gpm)	July 2019- June 2020 (gpm)	Well Screened In
E1-1	0.0	0.0	0.6	2.4	2.7	Qal/UMCf
E1-2	0.0	0.0	0.3	0.9	1.2	Qal/UMCf
E1-3	0.0	0.0	0.2	0.6	0.9	Qal/UMCf
E2-1	0.0	0.0	0.2	1.0	1.2	Qal/UMCf
E2-2	0.0	0.0	0.3	1.4	1.5	Qal/UMCf
E2-3	0.0	0.0	0.3	1.3	1.6	Qal/UMCf
E2-4	0.0	0.0	0.3	1.4	1.7	Qal/UMCf
E2-5	0.0	0.0	0.1	0.4	0.6	Qal/UMCf
TOTAL	0.0	0.0	2.4	9.3	11.3	

Notes:

Pumping rates are presented as annual averages.

E1-1, E1-2, and E1-3 are located in Plot 1 of the former AP Area Soil Flushing Treatability Study. Initial soil flushing and extraction well testing in Plot 1 was conducted in October 2016, with continuous operation in Plot 1 beginning in November 2016. Flushing and extraction in Plot 2 (containing extraction wells E2-1, E2-2, E2-3, E2-4, and E2-5) began in July 2017. The treatability study was completed in early 2018, but the extraction wells have continued operating as part of the Groundwater Extraction and Treatment System (GWETS).

-- = Well not pumping

gpm = gallons per minute

Qal = Quaternary Alluvium

UMCf = Upper Muddy Creek Formation (first fine-grained unit)

TABLE 5: MONTHLY WELL FIELD DISCHARGE RATES, JULY 2019 - JUNE 2020

Nevada Environmental Response Trust Site

Henderson, Nevada

Well ID	July 2019 (gpm)	August 2019 (gpm)	September 2019 (gpm)	October 2019 (gpm)	November 2019 (gpm)	December 2019 (gpm)	January 2020 (gpm)	February 2020 (gpm)	March 2020 (gpm)	April 2020 (gpm)	May 2020 (gpm)	June 2020 (gpm)
Interceptor Well Field (IWF)												
I-AA	0.9	0.8	0.9	0.9	0.9	0.8	0.9	1.0	0.9	0.6	0.6	0.5
I-AB	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I-AC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I-AD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I-AR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
I-B	0.4	0.4	0.5	0.4	0.3	0.8	0.9	0.8	0.9	0.9	0.8	0.8
I-C	3.6	3.8	3.9	3.7	3.3	3.0	3.0	3.2	3.1	3.0	2.9	2.8
I-D	1.2	1.2	1.2	0.9	1.2	1.1	1.2	1.0	0.9	0.9	1.1	1.4
I-E	1.0	0.9	0.9	0.6	0.7	0.6	0.8	0.9	0.6	0.7	0.8	0.7
I-F	4.5	4.5	4.5	4.4	4.5	4.5	4.5	4.6	4.6	4.6	4.5	4.5
I-G	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
I-H	1.2	1.3	1.2	1.3	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4
I-I	4.4	4.6	4.9	4.9	4.9	4.9	5.0	4.9	4.9	5.0	4.9	4.7
I-J	6.3	6.3	6.3	6.4	6.5	6.7	7.0	7.2	7.3	7.6	7.7	7.7
I-K	3.5	3.5	3.5	3.6	3.7	3.7	3.9	3.9	4.0	4.0	4.0	4.0
I-L	1.0	0.9	1.0	0.7	0.8	1.5	1.2	1.0	1.0	1.1	1.1	0.8
I-M	1.9	2.0	1.7	1.5	1.6	1.5	1.5	1.6	1.5	1.4	1.4	1.7
I-N	3.1	2.7	3.1	2.7	2.3	2.2	2.3	2.6	2.6	2.3	2.5	2.7
I-O	0.5	0.5	0.4	0.3	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.2
I-P	1.8	2.0	2.3	2.0	1.8	2.6	1.9	1.5	1.3	1.5	1.7	1.6
I-Q	0.5	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.6	0.6
I-R	1.0	1.0	1.3	1.2	0.9	0.4	0.3	0.6	0.7	0.7	0.6	0.4
I-S	4.0	4.2	3.8	4.0	4.5	4.7	5.4	5.5	5.4	5.5	5.5	5.4
I-T	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4
I-U	0.6	0.6	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.7	0.6	0.6
I-V	4.3	4.4	4.4	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.2
I-W	0.6	0.6	0.6	0.7	0.6	0.7	1.1	1.0	0.9	0.7	0.5	0.3
I-X	3.4	3.2	3.3	3.5	3.4	3.4	3.3	3.3	3.3	3.4	3.3	3.3
I-Y	1.2	1.3	1.4	1.2	1.1	1.2	1.2	1.1	1.0	1.1	1.2	1.2
I-Z	7.2	7.0	7.1	7.1	8.1	8.3	8.4	8.4	8.6	8.5	7.8	7.7
Total for IWF	58.8	58.6	60.0	57.8	59.2	60.5	61.4	61.7	61.3	61.2	60.9	60.0

TABLE 5: MONTHLY WELL FIELD DISCHARGE RATES, JULY 2019 - JUNE 2020

Nevada Environmental Response Trust Site

Henderson, Nevada

Well ID	July 2019 (gpm)	August 2019 (gpm)	September 2019 (gpm)	October 2019 (gpm)	November 2019 (gpm)	December 2019 (gpm)	January 2020 (gpm)	February 2020 (gpm)	March 2020 (gpm)	April 2020 (gpm)	May 2020 (gpm)	June 2020 (gpm)
Athens Road Well Field (AWF)												
ART-1/1A	39.0	38.9	38.9	38.8	38.5	40.7	41.8	42.1	41.8	42.0	42.0	39.3
ART-2/2A	151.1	150.1	149.3	148.6	148.6	147.8	148.4	148.5	149.3	150.5	150.4	152.2
ART-3/3A	19.3	20.0	19.7	20.0	19.7	22.4	23.7	24.2	23.9	23.5	22.4	22.2
ART-4/4A	2.8	2.8	3.0	3.0	3.0	3.7	4.0	4.0	4.0	4.0	3.7	3.6
ART-7/7A/7B	18.4	18.1	18.5	18.6	18.3	19.6	20.2	20.6	20.3	19.8	19.1	19.1
ART-8/8A	174.6	173.1	174.9	169.7	171.4	168.0	170.5	168.6	166.3	168.9	167.9	168.8
ART-9	56.9	56.8	57.0	57.0	57.0	62.1	61.6	59.9	59.8	59.7	59.2	59.1
PC-150	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Total for AWF	463.5	461.4	462.7	457.2	458.0	465.8	471.6	469.5	467.0	469.9	466.4	465.8
Seep Well Field (SWF)												
PC-115R	130.3	129.1	130.1	128.6	130.1	129.7	131.1	131.6	131.3	131.3	130.8	130.3
PC-116R	166.7	165.1	166.5	164.6	166.4	165.5	166.6	166.8	166.0	165.8	165.3	164.8
PC-117	110.4	109.3	110.1	109.0	110.0	109.3	110.1	110.4	110.2	110.0	109.7	109.1
PC-118	70.4	69.9	72.7	70.7	71.4	71.1	71.8	72.1	71.8	71.9	71.7	71.4
PC-119	100.8	99.9	101.6	101.3	102.4	101.8	102.9	103.0	102.8	102.9	102.6	102.3
PC-120	50.0	49.6	50.4	49.6	50.2	50.2	50.5	50.6	50.4	50.5	50.4	50.2
PC-121	18.8	18.6	19.4	19.5	19.7	19.8	20.0	20.0	19.3	19.2	19.1	19.0
PC-133	9.6	9.7	9.8	9.8	9.9	10.3	10.4	10.6	10.4	10.1	9.3	9.1
PC-99R2/R3	83.7	83.6	87.5	86.9	88.7	92.0	92.5	94.8	94.9	93.7	91.5	90.3
Total for SWF	740.7	734.7	748.0	740.2	748.9	749.7	755.9	759.9	757.0	755.4	750.5	746.4
AP Area Extraction Wells												
E1-1	2.9	2.8	2.8	2.7	2.7	2.8	2.7	2.5	2.7	2.7	2.6	2.5
E1-2	1.2	1.2	1.1	1.2	1.0	1.1	1.3	1.2	1.3	1.4	1.4	1.3
E1-3	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0
E2-1	1.5	1.4	1.3	1.1	1.0	1.1	1.0	1.1	1.1	1.2	1.0	1.1
E2-2	1.9	2.0	1.8	1.5	1.4	1.6	1.3	1.5	1.5	1.5	1.4	1.1
E2-3	1.9	2.0	1.6	1.4	1.2	1.6	1.6	1.5	1.5	1.6	1.6	1.5
E2-4	1.8	1.7	1.5	1.5	1.5	1.6	1.6	1.5	1.7	1.8	1.8	1.8
E2-5	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.6	0.6	0.7
Total for AP Area	12.8	12.5	11.4	10.6	10.2	11.1	11.0	10.9	11.3	11.9	11.3	11.0

Notes:

Pumping rates are presented as monthly averages.

E1-1, E1-2, and E1-3 are located in Plot 1 of the former AP Area Soil Flushing Treatability Study. Initial soil flushing and extraction well testing in Plot 1 was conducted in October 2016, with continuous operation in Plot 1 beginning in November 2016. Flushing and extraction in Plot 2 (containing extraction wells E2-1, E2-2, E2-3, E2-4, and E2-5) began in July 2017. The treatability study was completed in early 2018, but the extraction wells have continued operating as part of the Groundwater Extraction and Treatment System (GWETS).

gpm = gallons per minute

TABLE 6: CHROMIUM REMOVED FROM THE ENVIRONMENT

Nevada Environmental Response Trust Site

Henderson, Nevada

Month	Chromium Mass Removed						Extraction Rate					Average Chromium Concentration				
	Interceptor Well Field (lbs)	Athens Road Well Field (lbs)	Seep Well Field (lbs)	AP Area ¹ (lbs)	Total Pounds Removed	Total Tons Removed	Interceptor Well Field (gpm)	Athens Road Well Field (gpm)	Seep Well Field (gpm)	AP Area ¹ (gpm)	Total (gpm)	Interceptor Well Field (mg/L)	Athens Road Well Field (mg/L)	Seep Well Field (mg/L)	AP Area ¹ (mg/L)	Total (mg/L)
Jul 2004	331	14	0	--	346	0.2	59.5	245.4	704.3	--	1009.3	14.9	0.2	0.0	--	0.9
Aug 2004	328	15	0	--	343	0.2	57.3	241.6	684.8	--	983.8	15.4	0.2	0.0	--	0.9
Sep 2004	310	15	0	--	324	0.2	55.8	243.2	649.4	--	948.4	15.4	0.2	0.0	--	0.9
Oct 2004	333	15	0	--	348	0.2	58.7	239.3	690.4	--	988.3	15.2	0.2	0.0	--	0.9
Nov 2004	298	14	0	--	312	0.2	62.5	243.2	698.1	--	1003.9	13.2	0.2	0.0	--	0.9
Dec 2004	321	16	0	--	336	0.2	65.1	257.6	681.0	--	1003.8	13.2	0.2	0.0	--	0.9
Jan 2005	342	14	0	--	357	0.2	67.5	254.0	665.6	--	987.0	13.6	0.1	0.0	--	1.0
Feb 2005	310	13	0	--	323	0.2	65.9	254.1	713.6	--	1033.7	14.0	0.1	0.0	--	0.9
Mar 2005	341	14	0	--	356	0.2	63.5	251.2	725.2	--	1039.9	14.4	0.2	0.0	--	0.9
Apr 2005	347	13	0	--	360	0.2	65.3	244.2	711.9	--	1021.4	14.7	0.2	0.0	--	1.0
May 2005	302	18	0	--	320	0.2	64.0	234.7	701.8	--	1000.5	12.7	0.2	0.0	--	0.9
Jun 2005	291	18	0	--	310	0.2	64.5	237.5	703.4	--	1005.5	12.5	0.2	0.0	--	0.9
Jul 2005	318	18	0	--	336	0.2	65.5	234.7	686.6	--	986.9	13.0	0.2	0.0	--	0.9
Aug 2005	317	20	7	--	344	0.2	66.6	239.2	680.6	--	986.4	12.8	0.2	0.0	--	0.9
Sep 2005	292	20	7	--	319	0.2	65.4	254.9	634.3	--	954.6	12.4	0.2	0.0	--	0.9
Oct 2005	300	20	6	--	327	0.2	64.4	251.6	621.5	--	937.5	12.5	0.2	0.0	--	0.9
Nov 2005	306	16	0	--	322	0.2	66.1	244.9	619.6	--	930.6	12.8	0.2	0.0	--	1.0
Dec 2005	321	16	0	--	337	0.2	63.8	236.5	621.1	--	921.4	13.5	0.2	0.0	--	1.0
Jan 2006	330	15	0	--	345	0.2	62.9	237.8	657.0	--	957.7	14.1	0.2	0.0	--	1.0
Feb 2006	305	16	0	--	321	0.2	63.8	239.1	664.1	--	967.0	14.2	0.2	0.0	--	1.0
Mar 2006	342	15	0	--	357	0.2	63.5	235.1	661.6	--	960.2	14.4	0.2	0.0	--	1.0
Apr 2006	329	14	0	--	343	0.2	63.7	224.1	660.6	--	948.5	14.3	0.2	0.0	--	1.0
May 2006	331	16	0	--	347	0.2	65.3	239.2	669.5	--	974.1	13.6	0.2	0.0	--	1.0
Jun 2006	301	17	0	--	318	0.2	61.9	244.1	669.8	--	975.9	13.5	0.2	0.0	--	0.9
Jul 2006	311	17	0	--	327	0.2	65.4	239.5	670.6	--	975.5	12.7	0.2	0.0	--	0.9
Aug 2006	326	28	0	--	355	0.2	63.6	240.9	664.4	--	969.0	13.8	0.3	0.0	--	1.0
Sep 2006	313	30	0	--	344	0.2	66.2	251.5	656.4	--	974.0	13.1	0.3	0.0	--	1.0
Oct 2006	313	33	0	--	346	0.2	66.4	254.7	649.0	--	970.0	12.7	0.3	0.0	--	1.0
Nov 2006	300	31	0	--	331	0.2	63.9	258.0	524.0	--	845.8	13.0	0.3	0.0	--	1.1
Dec 2006	308	34	0	--	341	0.2	64.6	253.4	629.2	--	947.1	12.8	0.4	0.0	--	1.0
Jan 2007	305	33	0	--	339	0.2	66.1	256.2	638.2	--	960.4	12.4	0.4	0.0	--	0.9
Feb 2007	287	29	0	--	316	0.2	68.5	265.6	657.5	--	991.6	12.4	0.3	0.0	--	0.9
Mar 2007	321	33	0	--	355	0.2	68.4	259.0	601.3	--	928.6	12.6	0.3	0.0	--	1.0
Apr 2007	306	31	0	--	337	0.2	68.1	257.2	631.5	--	956.8	12.5	0.3	0.0	--	1.0
May 2007	306	32	0	--	337	0.2	66.2	259.1	660.5	--	985.8	12.4	0.3	0.0	--	0.9
Jun 2007	294	30	0	--	325	0.2	64.3	258.5	673.7	--	996.5	12.7	0.3	0.0	--	0.9
Jul 2007	295	31	0	--	326	0.2	63.7	257.8	656.7	--	978.3	12.4	0.3	0.0	--	0.9
Aug 2007	274	31	0	--	305	0.2	61.2	258.5	611.0	--	930.7	12.0	0.3	0.0	--	0.9
Sep 2007	245	29	0	--	275	0.1	59.2	251.1	605.2	--	915.5	11.5	0.3	0.0	--	0.8
Oct 2007	269	35	0	--	304	0.2	59.4	264.5	617.0	--	940.9	12.1	0.4	0.0	--	0.9

TABLE 6: CHROMIUM REMOVED FROM THE ENVIRONMENT
Nevada Environmental Response Trust Site
Henderson, Nevada

Month	Chromium Mass Removed						Extraction Rate					Average Chromium Concentration				
	Interceptor Well Field (lbs)	Athens Road Well Field (lbs)	Seep Well Field (lbs)	AP Area ¹ (lbs)	Total Pounds Removed	Total Tons Removed	Interceptor Well Field (gpm)	Athens Road Well Field (gpm)	Seep Well Field (gpm)	AP Area ¹ (gpm)	Total (gpm)	Interceptor Well Field (mg/L)	Athens Road Well Field (mg/L)	Seep Well Field (mg/L)	AP Area ¹ (mg/L)	Total (mg/L)
Nov 2007	267	32	0	--	300	0.1	57.3	264.1	622.9	--	944.3	12.9	0.3	0.0	--	0.9
Dec 2007	260	33	0	--	293	0.1	55.4	264.1	627.6	--	947.1	12.6	0.3	0.0	--	0.8
Jan 2008	262	34	0	--	295	0.1	56.5	262.9	631.2	--	950.7	12.4	0.3	0.0	--	0.8
Feb 2008	268	34	0	--	302	0.2	59.1	262.2	608.9	--	930.3	13.0	0.4	0.0	--	0.9
Mar 2008	298	37	0	--	335	0.2	61.6	265.0	614.0	--	940.6	13.0	0.4	0.0	--	1.0
Apr 2008	286	35	0	--	322	0.2	61.9	268.1	623.1	--	953.1	12.8	0.4	0.0	--	0.9
May 2008	282	39	0	--	321	0.2	60.6	266.5	618.8	--	945.9	12.5	0.4	0.0	--	0.9
Jun 2008	277	38	0	--	315	0.2	61.0	271.5	630.3	--	962.8	12.6	0.4	0.0	--	0.9
Jul 2008	297	40	0	--	337	0.2	63.4	273.5	618.5	--	955.4	12.6	0.4	0.0	--	0.9
Aug 2008	312	41	0	--	353	0.2	65.7	276.5	585.1	--	927.3	12.7	0.4	0.0	--	1.0
Sep 2008	309	40	0	--	349	0.2	65.4	275.7	589.9	--	931.0	13.1	0.4	0.0	--	1.0
Oct 2008	319	41	0	--	360	0.2	65.5	275.3	597.2	--	938.0	13.1	0.4	0.0	--	1.0
Nov 2008	298	43	0	--	340	0.2	65.4	279.0	560.4	--	904.8	12.6	0.4	0.0	--	1.0
Dec 2008	308	45	0	--	353	0.2	65.4	285.8	562.7	--	914.0	12.6	0.4	0.0	--	1.0
Jan 2009	314	44	0	--	358	0.2	66.8	276.4	586.0	--	929.3	12.6	0.4	0.0	--	1.0
Feb 2009	283	44	0	--	327	0.2	66.7	267.5	584.2	--	918.4	12.6	0.5	0.0	--	1.1
Mar 2009	319	48	0	--	366	0.2	67.6	258.9	606.0	--	932.4	12.6	0.5	0.0	--	1.1
Apr 2009	310	46	0	--	356	0.2	67.5	260.0	595.9	--	923.3	12.7	0.5	0.0	--	1.1
May 2009	296	46	0	--	342	0.2	66.6	256.8	598.6	--	922.0	11.9	0.5	0.0	--	1.0
Jun 2009	298	45	0	--	343	0.2	69.3	258.2	579.9	--	907.4	11.9	0.5	0.0	--	1.0
Jul 2009	307	45	0	--	353	0.2	68.6	282.6	572.2	--	923.4	12.0	0.4	0.0	--	1.0
Aug 2009	311	43	0	--	354	0.2	69.3	226.7	561.8	--	857.7	12.0	0.5	0.0	--	1.1
Sep 2009	315	44	0	--	359	0.2	71.2	230.7	559.4	--	861.4	12.3	0.5	0.0	--	1.2
Oct 2009	341	46	0	--	387	0.2	74.9	238.1	562.2	--	875.2	12.2	0.5	0.0	--	1.2
Nov 2009	296	40	0	--	335	0.2	74.5	234.7	564.6	--	873.8	11.0	0.5	0.0	--	1.1
Dec 2009	301	42	0	--	343	0.2	73.3	248.1	582.4	--	903.8	11.0	0.5	0.0	--	1.0
Jan 2010	283	42	0	--	325	0.2	71.8	240.2	571.0	--	883.0	10.6	0.5	0.0	--	1.0
Feb 2010	274	39	0	--	312	0.2	75.3	246.6	573.5	--	895.3	10.8	0.5	0.0	--	1.0
Mar 2010	306	43	0	--	349	0.2	73.2	255.4	562.2	--	890.8	11.2	0.5	0.0	--	1.1
Apr 2010	285	39	0	--	324	0.2	73.2	244.1	540.8	--	858.1	10.8	0.4	0.0	--	1.0
May 2010	299	46	0	--	346	0.2	75.1	266.2	548.5	--	889.8	10.7	0.5	0.0	--	1.0
Jun 2010	278	45	0	--	324	0.2	73.8	267.3	527.4	--	868.5	10.4	0.5	0.0	--	1.0
Jul 2010	277	48	0	--	324	0.2	73.0	269.4	533.7	--	876.1	10.2	0.5	0.0	--	1.0
Aug 2010	280	47	0	--	326	0.2	71.1	269.4	518.7	--	859.2	10.5	0.5	0.0	--	1.0
Sep 2010	277	45	0	--	322	0.2	73.8	264.6	510.3	--	848.7	10.4	0.5	0.0	--	1.1
Oct 2010	286	47	0	--	332	0.2	70.9	268.4	529.6	--	868.9	10.8	0.5	0.0	--	1.0
Nov 2010	273	43	0	--	316	0.2	69.8	268.9	521.6	--	860.2	10.8	0.4	0.0	--	1.0
Dec 2010	272	44	0	--	316	0.2	67.7	267.7	530.8	--	866.2	10.8	0.4	0.0	--	1.0
Jan 2011	275	44	0	--	319	0.2	69.3	266.9	529.7	--	865.9	10.6	0.4	0.0	--	1.0
Feb 2011	222	39	0	--	261	0.1	67.3	263.0	545.1	--	875.5	9.8	0.4	0.0	--	0.9

TABLE 6: CHROMIUM REMOVED FROM THE ENVIRONMENT
Nevada Environmental Response Trust Site
Henderson, Nevada

Month	Chromium Mass Removed						Extraction Rate					Average Chromium Concentration				
	Interceptor Well Field (lbs)	Athens Road Well Field (lbs)	Seep Well Field (lbs)	AP Area ¹ (lbs)	Total Pounds Removed	Total Tons Removed	Interceptor Well Field (gpm)	Athens Road Well Field (gpm)	Seep Well Field (gpm)	AP Area ¹ (gpm)	Total (gpm)	Interceptor Well Field (mg/L)	Athens Road Well Field (mg/L)	Seep Well Field (mg/L)	AP Area ¹ (mg/L)	Total (mg/L)
Mar 2011	241	44	0	--	286	0.1	65.0	283.3	526.1	--	874.5	10.0	0.4	0.0	--	0.9
Apr 2011	234	42	0	--	277	0.1	67.1	285.1	505.0	--	857.2	9.7	0.4	0.0	--	0.9
May 2011	239	46	0	--	285	0.1	65.4	285.8	500.7	--	851.9	9.8	0.4	0.0	--	0.9
Jun 2011	237	45	0	--	282	0.1	66.2	284.6	499.9	--	850.7	9.9	0.4	0.0	--	0.9
Jul 2011	248	46	0	--	294	0.1	67.8	285.5	535.8	--	889.1	9.8	0.4	0.0	--	0.9
Aug 2011	235	45	0	--	280	0.1	67.3	273.9	507.0	--	848.3	9.4	0.4	0.0	--	0.9
Sep 2011	220	43	0	--	263	0.1	65.8	270.6	461.3	--	797.7	9.3	0.4	0.0	--	0.9
Oct 2011	228	45	0	--	273	0.1	67.5	270.7	467.7	--	805.8	9.1	0.4	0.0	--	0.9
Nov 2011	226	43	0	--	270	0.1	67.9	268.2	494.3	--	830.3	9.2	0.4	0.0	--	0.9
Dec 2011	227	45	0	--	273	0.1	65.0	267.3	475.2	--	807.5	9.4	0.5	0.0	--	0.9
Jan 2012	228	43	0	--	272	0.1	64.4	268.7	470.2	--	803.3	9.5	0.4	0.0	--	0.9
Feb 2012	221	44	0	--	265	0.1	64.5	269.1	469.4	--	803.1	9.8	0.5	0.0	--	0.9
Mar 2012	234	47	0	--	281	0.1	64.2	270.9	566.0	--	901.1	9.8	0.5	0.0	--	0.8
Apr 2012	223	45	0	--	268	0.1	63.7	273.1	567.9	--	904.7	9.7	0.5	0.0	--	0.8
May 2012	205	43	0	--	248	0.1	61.8	278.2	571.7	--	911.7	8.9	0.4	0.0	--	0.7
Jun 2012	195	41	0	--	237	0.1	61.6	272.8	590.8	--	925.2	8.8	0.4	0.0	--	0.7
Jul 2012	201	42	0	--	243	0.1	61.8	271.5	590.4	--	923.8	8.7	0.4	0.0	--	0.7
Aug 2012	228	43	1	--	272	0.1	62.4	272.2	578.8	--	913.4	9.8	0.4	0.0	--	0.8
Sep 2012	254	42	1	--	297	0.1	73.7	280.7	602.4	--	956.9	9.6	0.4	0.0	--	0.9
Oct 2012	289	44	1	--	334	0.2	74.4	278.7	602.8	--	955.9	10.4	0.4	0.0	--	0.9
Nov 2012	245	47	0	--	292	0.1	68.6	290.9	597.2	--	956.6	9.9	0.4	0.0	--	0.8
Dec 2012	262	48	0	--	310	0.2	72.8	290.3	590.5	--	953.6	9.6	0.4	0.0	--	0.9
Jan 2013	263	48	0	--	311	0.2	70.6	288.1	589.6	--	948.3	10.0	0.4	0.0	--	0.9
Feb 2013	232	41	0	--	273	0.1	70.7	282.8	587.1	--	940.5	9.7	0.4	0.0	--	0.9
Mar 2013	252	45	0	--	298	0.1	68.1	280.8	578.8	--	927.7	9.9	0.4	0.0	--	0.9
Apr 2013	250	44	0	--	294	0.1	68.4	281.2	570.9	--	920.5	10.1	0.4	0.0	--	0.9
May 2013	281	31	0	--	313	0.2	65.4	270.2	568.8	--	904.4	11.5	0.3	0.0	--	0.9
Jun 2013	269	31	0	--	300	0.2	66.6	280.6	558.3	--	905.5	11.2	0.3	0.0	--	0.9
Jul 2013	276	31	0	--	308	0.2	66.2	274.8	570.2	--	911.2	11.2	0.3	0.0	--	0.9
Aug 2013	261	44	0	--	305	0.2	65.6	277.1	545.1	--	887.8	10.7	0.4	0.0	--	0.9
Sep 2013	249	45	0	--	293	0.1	66.7	274.0	508.9	--	849.6	10.3	0.5	0.0	--	1.0
Oct 2013	258	45	0	--	303	0.2	66.7	283.8	507.4	--	857.9	10.4	0.4	0.0	--	0.9
Nov 2013	237	36	0	--	273	0.1	66.2	274.2	476.6	--	817.0	9.9	0.4	0.0	--	0.9
Dec 2013	259	39	0	--	298	0.1	71.3	285.3	477.6	--	834.2	9.7	0.4	0.0	--	1.0
Jan 2014	262	38	0	--	300	0.2	71.7	283.0	503.2	--	857.8	9.8	0.4	0.0	--	0.9
Feb 2014	222	30	0	--	252	0.1	71.8	282.8	510.9	--	865.5	9.2	0.3	0.0	--	0.9
Mar 2014	244	32	0	--	276	0.1	73.1	272.9	492.5	--	838.4	9.0	0.3	0.0	--	0.9
Apr 2014	230	32	0	--	262	0.1	71.1	276.8	488.6	--	836.5	9.0	0.3	0.0	--	0.9
May 2014	250	38	2	--	290	0.1	73.3	284.6	496.0	--	853.9	9.1	0.4	0.0	--	0.9
Jun 2014	259	37	2	--	298	0.1	78.1	285.4	481.0	--	844.5	9.2	0.4	0.0	--	1.0

TABLE 6: CHROMIUM REMOVED FROM THE ENVIRONMENT

Nevada Environmental Response Trust Site

Henderson, Nevada

Month	Chromium Mass Removed						Extraction Rate					Average Chromium Concentration				
	Interceptor Well Field (lbs)	Athens Road Well Field (lbs)	Seep Well Field (lbs)	AP Area ¹ (lbs)	Total Pounds Removed	Total Tons Removed	Interceptor Well Field (gpm)	Athens Road Well Field (gpm)	Seep Well Field (gpm)	AP Area ¹ (gpm)	Total (gpm)	Interceptor Well Field (mg/L)	Athens Road Well Field (mg/L)	Seep Well Field (mg/L)	AP Area ¹ (mg/L)	Total (mg/L)
Jul 2014	252	37	2	--	291	0.1	71.9	281.5	506.4	--	859.9	9.4	0.4	0.0	--	0.9
Aug 2014	212	42	3	--	257	0.1	69.0	288.1	519.1	--	876.1	8.2	0.4	0.0	--	0.8
Sep 2014	204	42	3	--	248	0.1	68.5	292.8	524.2	--	885.5	8.2	0.4	0.0	--	0.8
Oct 2014	209	43	3	--	254	0.1	68.3	289.2	517.0	--	874.5	8.2	0.4	0.0	--	0.8
Nov 2014	203	39	0	--	242	0.1	67.9	277.5	525.1	--	870.5	8.3	0.4	0.0	--	0.8
Dec 2014	209	45	0	--	254	0.1	71.5	283.7	521.1	--	876.3	7.8	0.4	0.0	--	0.8
Jan 2015	200	42	0	--	243	0.1	71.4	283.6	519.6	--	874.7	7.5	0.4	0.0	--	0.7
Feb 2015	180	37	0	--	218	0.1	70.1	284.0	595.8	--	949.9	7.6	0.4	0.0	--	0.7
Mar 2015	193	42	0	--	235	0.1	68.4	287.5	590.3	--	946.1	7.5	0.4	0.0	--	0.7
Apr 2015	177	40	0	--	218	0.1	66.1	287.2	559.0	--	912.3	7.4	0.4	0.0	--	0.7
May 2015	181	41	0	--	222	0.1	67.1	285.7	525.9	--	878.7	7.2	0.4	0.0	--	0.7
Jun 2015	170	40	0	--	210	0.1	64.7	287.0	533.3	--	885.0	7.3	0.4	0.0	--	0.7
Jul 2015	174	39	0	--	214	0.1	63.9	280.1	546.1	--	890.2	7.3	0.4	0.0	--	0.6
Aug 2015	193	36	0	--	228	0.1	62.5	275.1	547.8	--	885.4	8.3	0.3	0.0	--	0.7
Sep 2015	188	39	0	--	226	0.1	62.9	294.5	568.7	--	926.1	8.3	0.4	0.0	--	0.7
Oct 2015	199	35	0	--	234	0.1	62.0	241.2	531.9	--	835.1	8.6	0.4	0.0	--	0.7
Nov 2015	162	37	0	--	199	0.1	54.8	296.7	457.7	--	809.2	8.2	0.3	0.0	--	0.7
Dec 2015	163	37	0	--	201	0.1	57.8	269.7	522.6	--	850.1	7.6	0.4	0.0	--	0.6
Jan 2016	199	31	0	--	231	0.1	59.1	254.4	528.6	--	842.1	9.0	0.3	0.0	--	0.7
Feb 2016	149	28	0	--	178	0.1	54.2	250.9	535.8	--	840.8	7.9	0.3	0.0	--	0.6
Mar 2016	177	35	0	--	212	0.1	53.2	258.5	537.7	--	849.3	8.9	0.4	0.0	--	0.7
Apr 2016	185	33	0	--	218	0.1	63.8	264.4	534.3	--	862.6	8.0	0.3	0.0	--	0.7
May 2016	211	34	0	--	245	0.1	67.8	275.2	539.2	--	882.1	8.4	0.3	0.0	--	0.7
Jun 2016	212	31	0	--	243	0.1	71.3	280.9	555.9	--	908.1	8.2	0.3	0.0	--	0.7
Jul 2016	179	31	0	--	210	0.1	53.8	292.8	547.7	--	894.3	8.9	0.3	0.0	--	0.6
Aug 2016	198	37	0	--	236	0.1	65.1	358.8	550.5	--	974.3	8.2	0.3	0.0	--	0.6
Sep 2016	173	29	0	--	202	0.1	59.1	356.0	565.3	--	980.4	8.1	0.2	0.0	--	0.6
Oct 2016	175	12	0	0	188	0.1	60.5	99.7	426.0	0.2	586.3	7.8	0.3	0.0	0.0	0.9
Nov 2016	168	41	0	0	209	0.1	58.6	377.3	548.8	1.5	986.0	7.9	0.3	0.0	0.0	0.6
Dec 2016	186	40	0	0	226	0.1	62.2	416.9	465.3	1.9	946.3	8.0	0.3	0.0	0.0	0.6
Jan 2017	159	32	3	0	195	0.1	65.8	410.0	571.4	4.4	1051.6	6.5	0.2	0.0	0.0	0.5
Feb 2017	152	25	1	0	178	0.1	64.7	405.1	633.8	5.2	1108.8	7.0	0.2	0.0	0.0	0.5
Mar 2017	187	27	0	0	214	0.1	65.1	387.7	674.0	5.4	1132.1	7.7	0.2	0.0	0.0	0.5
Apr 2017	193	29	0	0	222	0.1	65.7	362.7	679.7	5.4	1113.5	8.1	0.2	0.0	0.0	0.6
May 2017	196	27	0	0	223	0.1	64.4	376.4	674.1	5.3	1120.2	8.2	0.2	0.0	0.0	0.5
Jun 2017	172	26	0	0	198	0.1	64.6	431.6	688.0	6.0	1190.2	7.4	0.2	0.0	0.0	0.5
Jul 2017	179	28	0	0	207	0.1	63.1	458.5	759.4	6.8	1287.9	7.6	0.2	0.0	0.0	0.4
Aug 2017	187	30	0	0	217	0.1	63.7	455.8	775.9	7.4	1302.7	7.9	0.2	0.0	0.0	0.4
Sep 2017	182	29	0	0	211	0.1	63.1	456.8	804.8	11.8	1336.6	8.0	0.2	0.0	0.0	0.4
Oct 2017	180	31	0	0	211	0.1	61.8	462.1	796.9	11.7	1332.5	7.8	0.2	0.0	0.0	0.4

TABLE 6: CHROMIUM REMOVED FROM THE ENVIRONMENT
Nevada Environmental Response Trust Site
Henderson, Nevada

Month	Chromium Mass Removed						Extraction Rate					Average Chromium Concentration				
	Interceptor Well Field (lbs)	Athens Road Well Field (lbs)	Seep Well Field (lbs)	AP Area ¹ (lbs)	Total Pounds Removed	Total Tons Removed	Interceptor Well Field (gpm)	Athens Road Well Field (gpm)	Seep Well Field (gpm)	AP Area ¹ (gpm)	Total (gpm)	Interceptor Well Field (mg/L)	Athens Road Well Field (mg/L)	Seep Well Field (mg/L)	AP Area ¹ (mg/L)	Total (mg/L)
Nov 2017	183	28	0	0	211	0.1	61.0	461.4	745.4	11.5	1279.4	8.3	0.2	0.0	0.0	0.5
Dec 2017	180	27	0	0	208	0.1	60.2	465.7	748.4	11.9	1286.2	8.0	0.2	0.0	0.0	0.4
Jan 2018	179	32	0	0	211	0.1	59.9	454.0	729.5	11.0	1254.3	8.0	0.2	0.0	0.0	0.5
Feb 2018	180	29	0	0	209	0.1	62.7	472.1	751.7	11.6	1298.0	8.5	0.2	0.0	0.0	0.5
Mar 2018	184	28	1	0	213	0.1	62.3	474.4	747.8	9.9	1294.4	7.9	0.2	0.0	0.0	0.4
Apr 2018	184	28	0	0	213	0.1	61.2	468.9	748.9	10.0	1289.1	8.3	0.2	0.0	0.1	0.5
May 2018	192	28	0	0	220	0.1	59.8	465.4	744.2	9.4	1278.8	8.6	0.2	0.0	0.1	0.5
Jun 2018	171	26	1	0	197	0.1	57.3	462.7	736.4	8.8	1265.2	8.2	0.2	0.0	0.1	0.4
Jul 2018	153	26	0	0	180	0.1	54.1	454.1	725.7	8.5	1242.4	7.6	0.2	0.0	0.1	0.4
Aug 2018	155	28	0	0	184	0.1	55.4	465.8	735.3	8.6	1265.1	7.5	0.2	0.0	0.1	0.4
Sep 2018	160	28	1	0	189	0.1	54.9	475.1	740.1	8.4	1278.6	8.0	0.2	0.0	0.1	0.4
Oct 2018	164	29	0	0	193	0.1	56.4	475.8	740.4	8.1	1280.6	7.8	0.2	0.0	0.1	0.4
Nov 2018	148	26	0	0	174	0.1	56.0	474.2	739.7	8.4	1278.2	7.3	0.1	0.0	0.1	0.4
Dec 2018	146	29	0	0	176	0.1	55.1	467.7	743.6	8.2	1274.7	7.1	0.2	0.0	0.1	0.4
Jan 2019	154	28	0	0	182	0.1	56.3	465.1	756.5	8.7	1286.6	7.3	0.2	0.0	0.1	0.4
Feb 2019	142	24	0	0	167	0.1	56.6	464.7	751.7	8.7	1281.7	7.5	0.2	0.0	0.1	0.4
Mar 2019	170	23	0	0	194	0.1	58.7	443.0	745.4	9.9	1257.0	7.7	0.1	0.0	0.1	0.4
Apr 2019	158	26	1	0	184	0.1	59.6	459.9	741.1	10.7	1271.4	7.3	0.2	0.0	0.1	0.4
May 2019	159	27	0	0	187	0.1	60.4	461.7	741.1	11.7	1274.9	7.1	0.2	0.0	0.1	0.4
Jun 2019	137	25	1	0	162	0.1	59.5	463.1	739.5	12.3	1274.4	6.4	0.1	0.0	0.1	0.4
Jul 2019	141	26	1	0	168	0.1	58.8	463.5	740.7	12.8	1275.8	6.4	0.1	0.0	0.1	0.4
Aug 2019	138	26	0	0	164	0.1	58.6	461.4	734.7	12.5	1267.1	6.3	0.1	0.0	0.1	0.3
Sep 2019	138	24	0	0	163	0.1	60.0	462.7	748.0	11.4	1282.1	6.4	0.1	0.0	0.1	0.4
Oct 2019	144	24	1	0	170	0.1	57.8	457.2	740.2	10.6	1265.8	6.7	0.1	0.0	0.1	0.4
Nov 2019	136	23	1	0	160	0.1	59.2	458.0	748.9	10.2	1276.3	6.4	0.1	0.0	0.1	0.3
Dec 2019	147	26	1	0	174	0.1	60.5	465.8	749.7	11.1	1287.2	6.5	0.2	0.0	0.1	0.4
Jan 2020	151	27	1	0	178	0.1	61.4	471.6	755.9	11.0	1300.0	6.6	0.2	0.0	0.1	0.4
Feb 2020	144	24	1	0	170	0.1	61.7	469.5	759.9	10.9	1302.0	6.7	0.1	0.0	0.1	0.4
Mar 2020	151	24	0	0	176	0.1	61.3	467.0	757.0	11.3	1296.5	6.6	0.1	0.0	0.1	0.4
Apr 2020	150	26	1	0	177	0.1	61.2	469.9	755.4	11.9	1298.5	6.8	0.2	0.0	0.1	0.4
May 2020	145	27	1	0	173	0.1	60.9	466.4	750.5	11.3	1289.1	6.4	0.2	0.0	0.1	0.4
Jun 2020	141	25	1	0	167	0.1	60.0	465.8	746.4	11.0	1283.2	6.5	0.1	0.0	0.1	0.4

Notes:

¹AP Area extraction wells were tested in October 2016 and began operating continuously in November 2016. Mass removal numbers presented were originally reported in the GWETS operation monthly reports submitted to NDEP by Envirogen. Concentrations and mass removals shown for AP Area extraction wells are for hexavalent chromium from October 2016 through March 2018 and for total chromium beginning in April 2018.

- Mass removal rates presented in this spreadsheet were determined using a methodology which has been approved by NDEP (Tetra Tech 2015).
- Though chromium treatment has occurred at the Site since the mid-1980s, complete chromium concentration and/or pumping data sets for reporting years prior to July 2004 are not available.

-- = no data available

gpm = gallons per minute

lbs = pounds

mg/L = milligrams per liter

TABLE 7: WEEKLY CHROMIUM IN EFFLUENT DISCHARGE, JULY 2019 - JUNE 2020

Nevada Environmental Response Trust Site

Henderson, Nevada

Sample Date	Effluent Location	Total Chromium (mg/L)	Total Chromium SQL (mg/L)	Hexavalent Chromium (mg/L)	Hexavalent Chromium SQL (mg/L)
07/01/2019	OUTFALL 001 EFFLUENT	<0.0025	0.0025	<0.00025	0.00025
07/08/2019	OUTFALL 001 EFFLUENT	<0.0025	0.0025	<0.00025	0.00025
07/15/2019	OUTFALL 001 EFFLUENT	0.0026 J	0.0025	<0.00025	0.00025
07/22/2019	OUTFALL 001 EFFLUENT	0.0040 J	0.0025	<0.00025	0.00025
07/29/2019	OUTFALL 001 EFFLUENT	<0.0025	0.0025	<0.00025	0.00025
08/01/2019	OUTFALL 001 EFFLUENT	0.0032 J	0.0025	NA	NA
08/05/2019	OUTFALL 001 EFFLUENT	<0.0025	0.0025	<0.00025	0.00025
08/12/2019	OUTFALL 001 EFFLUENT	0.0031 J	0.0025	<0.00025	0.00025
08/19/2019	OUTFALL 001 EFFLUENT	0.0038 J	0.0025	<0.00025	0.00025
08/26/2019	OUTFALL 001 EFFLUENT	0.0027 J	0.0025	<0.00025	0.00025
09/03/2019	OUTFALL 001 EFFLUENT	0.0027 J	0.0025	<0.00025	0.00025
09/09/2019	OUTFALL 001 EFFLUENT	0.0039 J	0.0025	<0.00025	0.00025
09/16/2019	OUTFALL 001 EFFLUENT	0.0034 J	0.0025	<0.00025	0.00025
09/23/2019	OUTFALL 001 EFFLUENT	0.0028 J	0.0025	<0.00025	0.00025
09/30/2019	OUTFALL 001 EFFLUENT	<0.0025	0.0025	<0.00025	0.00025
10/07/2019	OUTFALL 001 EFFLUENT	<0.0025	0.0025	<0.00025	0.00025
10/14/2019	OUTFALL 001 EFFLUENT	<0.0025	0.0025	<0.00025	0.00025
10/21/2019	OUTFALL 001 EFFLUENT	<0.0025	0.0025	<0.00025	0.00025
10/28/2019	OUTFALL 001 EFFLUENT	<0.0025	0.0025	<0.00025	0.00025
11/04/2019	OUTFALL 001 EFFLUENT	<0.0025	0.0025	<0.00025	0.00025
11/06/2019	OUTFALL 001 EFFLUENT	<0.0025	0.0025	NA	NA
11/11/2019	OUTFALL 001 EFFLUENT	<0.0025	0.0025	<0.00025	0.00025
11/18/2019	OUTFALL 001 EFFLUENT	<0.0025	0.0025	<0.00025	0.00025
11/25/2019	OUTFALL 001 EFFLUENT	0.0040 J	0.0025	<0.00025	0.00025
12/02/2019	OUTFALL 001 EFFLUENT	<0.0025	0.0025	<0.00025	0.00025
12/09/2019	OUTFALL 001 EFFLUENT	<0.0025	0.0025	<0.00025	0.00025
12/16/2019	OUTFALL 001 EFFLUENT	0.016	0.0025	<0.00025	0.00025
12/23/2019	OUTFALL 001 EFFLUENT	0.0026 J	0.0025	<0.00025	0.00025
12/30/2019	OUTFALL 001 EFFLUENT	0.0046 J	0.0025	<0.00025	0.00025
01/06/2020	OUTFALL 001 EFFLUENT	0.0027 J	0.0025	<0.00025	0.00025
01/13/2020	OUTFALL 001 EFFLUENT	0.019	0.0025	<0.00025	0.00025
01/20/2020	OUTFALL 001 EFFLUENT	0.0058	0.0025	<0.00025	0.00025
01/27/2020	OUTFALL 001 EFFLUENT	<0.0025	0.0025	0.0011	0.00025
02/03/2020	OUTFALL 001 EFFLUENT	0.0030 J	0.0025	<0.00025	0.00025
02/04/2020	OUTFALL 001 EFFLUENT	0.0033 J	0.0025	NA	NA
02/10/2020	OUTFALL 001 EFFLUENT	0.0076	0.0025	<0.00025	0.00025
02/17/2020	OUTFALL 001 EFFLUENT	0.0045 J	0.0025	<0.00025	0.00025
02/24/2020	OUTFALL 001 EFFLUENT	0.0036 J	0.0025	<0.00025	0.00025

TABLE 7: WEEKLY CHROMIUM IN EFFLUENT DISCHARGE, JULY 2019 - JUNE 2020

Nevada Environmental Response Trust Site

Henderson, Nevada

Sample Date	Effluent Location	Total Chromium (mg/L)	Total Chromium SQL (mg/L)	Hexavalent Chromium (mg/L)	Hexavalent Chromium SQL (mg/L)
03/02/2020	OUTFALL 001 EFFLUENT	0.0048 J	0.0025	<0.00025	0.00025
03/09/2020	OUTFALL 001 EFFLUENT	0.0047 J	0.0025	<0.00025	0.00025
03/16/2020	OUTFALL 001 EFFLUENT	0.0054	0.0025	<0.00025	0.00025
03/23/2020	OUTFALL 001 EFFLUENT	0.0036 J	0.0025	<0.00025	0.00025
03/30/2020	OUTFALL 001 EFFLUENT	0.0035 J	0.0025	0.00036 J	0.00025
04/06/2020	OUTFALL 001 EFFLUENT	0.0062 B	0.0025	<0.00025	0.00025
04/13/2020	OUTFALL 001 EFFLUENT	0.0064	0.0025	<0.00025	0.00025
04/20/2020	OUTFALL 001 EFFLUENT	0.0056	0.0025	<0.00025	0.00025
04/27/2020	OUTFALL 001 EFFLUENT	0.0033 J	0.0025	<0.00025	0.00025
05/04/2020	OUTFALL 001 EFFLUENT	0.0040 J	0.0025	<0.00025	0.00025
05/07/2020	OUTFALL 001 EFFLUENT	0.0074	0.0025	NA	NA
05/11/2020	OUTFALL 001 EFFLUENT	0.0068	0.0025	<0.00025	0.00025
05/18/2020	OUTFALL 001 EFFLUENT	0.0046 J	0.0025	<0.00025	0.00025
05/26/2020	OUTFALL 001 EFFLUENT	0.0066	0.0025	<0.00025	0.00025
06/01/2020	OUTFALL 001 EFFLUENT	0.0075	0.0025	<0.00025 F1	0.00025
06/09/2020	OUTFALL 001 EFFLUENT	0.0038 J	0.0025	<0.00025	0.00025
06/15/2020	OUTFALL 001 EFFLUENT	0.0053	0.0025	<0.00025	0.00025
06/22/2020	OUTFALL 001 EFFLUENT	0.0073	0.0025	<0.00025	0.00025
06/29/2020	OUTFALL 001 EFFLUENT	0.0059	0.0025	<0.00025	0.00025

Notes:

mg/L = milligrams per liter

NA = not analyzed; quarterly sample collected for compliance with NPDES permit does not require hexavalent chromium analysis

SQL = Sample Quantitation Limit

B = Compound was found in the blank and sample

F1 = Matrix spike (MS) and/or matrix spike duplicate (MSD) recovery is outside acceptance limits

J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value

TABLE 8: PERCHLORATE REMOVED FROM THE ENVIRONMENT

Nevada Environmental Response Trust Site

Henderson, Nevada

Month	Perchlorate Mass Removed						Extraction Rate					Average Perchlorate Concentration				
	Interceptor Well Field (lbs)	Athens Road Well Field (lbs)	Seep Well Field (lbs)	AP Area ² (lbs)	Total Pounds Removed	Total Tons Removed	Interceptor Well Field (gpm)	Athens Road Well Field (gpm)	Seep Well Field (gpm)	AP Area ² (gpm)	Total (gpm)	Interceptor Well Field (mg/L)	Athens Road Well Field (mg/L)	Seep Well Field (mg/L)	AP Area ² (mg/L)	Total (mg/L)
Pre-Oct 2002 (since inception) ¹	735,790	22,527	369,255	--	1,127,572	563.8	--	--	--	--	--	--	--	--	--	--
Oct 2002	43,462	10,261	15,345	--	69,068	34.5	--	--	--	--	--	--	--	--	--	--
Nov 2002	34,380	30,030	12,660	--	77,070	38.5	--	--	--	--	--	--	--	--	--	--
Dec 2002	40,052	36,084	6,448	--	82,584	41.3	--	--	--	--	--	--	--	--	--	--
Jan 2003	45,477	33,372	12,651	--	91,500	45.7	--	--	--	--	--	--	--	--	--	--
Feb 2003	29,680	21,984	13,491	--	65,155	32.6	--	--	--	--	--	--	--	--	--	--
Mar 2003	33,077	24,988	17,858	--	75,923	38.0	--	--	--	--	--	--	--	--	--	--
Apr 2003	30,990	21,232	19,925	--	72,146	36.1	--	--	--	--	--	--	--	--	--	--
May 2003	35,588	22,573	19,855	--	78,016	39.0	--	--	--	--	--	--	--	--	--	--
Jun 2003	32,940	27,261	18,834	--	79,035	39.5	--	--	--	--	--	--	--	--	--	--
Jul 2003	32,054	23,675	17,065	--	72,795	36.4	--	--	--	--	--	--	--	--	--	--
Aug 2003	30,969	22,997	13,361	--	67,327	33.7	--	--	--	--	--	--	--	--	--	--
Sep 2003	28,120	23,060	12,464	--	63,644	31.8	--	--	--	--	--	--	--	--	--	--
Oct 2003	31,080	23,782	11,482	--	66,344	33.2	--	--	--	--	--	--	--	--	--	--
Nov 2003	28,460	21,413	10,118	--	59,991	30.0	--	--	--	--	--	--	--	--	--	--
Dec 2003	28,905	22,763	9,850	--	61,518	30.8	--	--	--	--	--	--	--	--	--	--
Jan 2004	29,075	21,402	9,473	--	59,950	30.0	--	--	--	--	--	--	--	--	--	--
Feb 2004	25,558	18,910	9,347	--	53,816	26.9	--	--	--	--	--	--	--	--	--	--
Mar 2004	28,412	22,991	6,853	--	58,256	29.1	--	--	--	--	--	--	--	--	--	--
Apr 2004	25,624	22,046	4,528	--	52,197	26.1	--	--	--	--	--	--	--	--	--	--
May 2004	27,575	22,968	3,797	--	54,340	27.2	--	--	--	--	--	--	--	--	--	--
Jun 2004	29,340	22,603	4,698	--	56,641	28.3	--	--	--	--	--	--	--	--	--	--
Jul 2004	30,536	23,568	6,059	--	60,163	30.1	59.5	245.4	704.3	--	1009.3	1,380	258	23.1	--	160
Aug 2004	29,186	24,900	6,222	--	60,308	30.2	57.3	241.6	684.8	--	983.8	1,370	277	24.4	--	165
Sep 2004	29,090	25,037	5,074	--	59,201	29.6	55.8	243.2	649.4	--	948.4	1,450	286	21.7	--	174
Oct 2004	32,169	24,779	5,550	--	62,498	31.2	58.7	239.3	690.4	--	988.3	1,475	279	21.6	--	170
Nov 2004	30,474	24,423	5,030	--	59,928	30.0	62.5	243.2	698.1	--	1003.9	1,355	279	20.0	--	166
Dec 2004	28,805	25,135	3,785	--	57,725	28.9	65.1	257.6	681.0	--	1003.8	1,190	262	15.0	--	155
Jan 2005	30,769	24,047	4,399	--	59,215	29.6	67.5	254.0	665.6	--	987.0	1,227	255	17.8	--	161
Feb 2005	27,315	22,110	4,042	--	53,467	26.7	65.9	254.1	713.6	--	1033.7	1,234	259	16.9	--	154
Mar 2005	29,873	24,214	4,887	--	58,975	29.5	63.5	251.2	725.2	--	1039.9	1,265	259	18.1	--	153
Apr 2005	29,132	23,613	4,362	--	57,107	28.6	65.3	244.2	711.9	--	1021.4	1,240	269	17.0	--	155
May 2005	29,952	25,973	4,720	--	60,646	30.3	64.0	234.7	701.8	--	1000.5	1,258	298	18.1	--	163
Jun 2005	29,100	23,779	4,521	--	57,400	28.7	64.5	237.5	703.4	--	1005.5	1,253	278	17.9	--	159
Jul 2005	32,859	23,853	4,773	--	61,485	30.7	65.5	234.7	686.6	--	986.9	1,350	273	18.7	--	168
Aug 2005	33,856	24,803	4,200	--	62,858	31.4	66.6	239.2	680.6	--	986.4	1,369	279	16.6	--	171
Sep 2005	33,662	24,185	2,536	--	60,384	30.2	65.4	254.9	634.3	--	954.6	1,431	264	11.1	--	176
Oct 2005	32,869	24,709	3,075	--	60,653	30.3	64.4	251.6	621.5	--	937.5	1,374	264	13.3	--	174
Nov 2005	32,152	23,194	3,326	--	58,672	29.3	66.1	244.9	619.6	--	930.6	1,353	263	14.9	--	175
Dec 2005	34,828	22,494	3,766	--	61,088	30.5	63.8	236.5	621.1	--	921.4	1,469	256	16.3	--	178
Jan 2006	30,490	23,448	4,386	--	58,325	29.2	62.9	237.8	657.0	--	957.7	1,303	265	18.0	--	164
Feb 2006	27,291	20,550	3,357	--	51,197	25.6	63.8	239.1	664.1	--	967.0	1,273	256	15.1	--	158
Mar 2006	29,986	22,829	3,382	--	56,198	28.1	63.5	235.1	661.6	--	960.2	1,270	261	13.8	--	157
Apr 2006	30,337	22,464	3,797	--	56,598	28.3	63.7	224.1	660.6	--	948.5	1,325	279	16.0	--	166

TABLE 8: PERCHLORATE REMOVED FROM THE ENVIRONMENT

Nevada Environmental Response Trust Site
Henderson, Nevada

Month	Perchlorate Mass Removed						Extraction Rate					Average Perchlorate Concentration				
	Interceptor Well Field (lbs)	Athens Road Well Field (lbs)	Seep Well Field (lbs)	AP Area ² (lbs)	Total Pounds Removed	Total Tons Removed	Interceptor Well Field (gpm)	Athens Road Well Field (gpm)	Seep Well Field (gpm)	AP Area ² (gpm)	Total (gpm)	Interceptor Well Field (mg/L)	Athens Road Well Field (mg/L)	Seep Well Field (mg/L)	AP Area ² (mg/L)	Total (mg/L)
May 2006	29,304	22,089	4,073	--	55,466	27.7	65.3	239.2	669.5	--	974.1	1,207	248	16.4	--	153
Jun 2006	26,205	22,594	4,054	--	52,854	26.4	61.9	244.1	669.8	--	975.9	1,176	257	16.8	--	151
Jul 2006	28,521	20,043	3,813	--	52,377	26.2	65.4	239.5	670.6	--	975.5	1,173	225	15.3	--	144
Aug 2006	28,687	20,327	4,312	--	53,325	26.7	63.6	240.9	664.4	--	969.0	1,214	227	17.5	--	148
Sep 2006	31,916	23,035	4,722	--	59,674	29.8	66.2	251.5	656.4	--	974.0	1,341	255	20.0	--	170
Oct 2006	31,553	24,110	4,161	--	59,824	29.9	66.4	254.7	649.0	--	970.0	1,279	255	17.3	--	166
Nov 2006	26,024	21,711	3,073	--	50,809	25.4	63.9	258.0	524.0	--	845.8	1,133	234	16.3	--	167
Dec 2006	26,971	23,108	3,739	--	53,818	26.9	64.6	253.4	629.2	--	947.1	1,124	245	16.0	--	153
Jan 2007	29,386	24,364	3,025	--	56,775	28.4	66.1	256.2	638.2	--	960.4	1,197	256	12.8	--	159
Feb 2007	24,375	20,603	2,542	--	47,520	23.8	68.5	265.6	657.5	--	991.6	1,060	231	11.5	--	143
Mar 2007	28,380	21,358	2,715	--	52,454	26.2	68.4	259.0	601.3	--	928.6	1,116	222	12.2	--	152
Apr 2007	26,893	20,765	2,693	--	50,351	25.2	68.1	257.2	631.5	--	956.8	1,098	225	11.9	--	146
May 2007	27,577	21,052	3,106	--	51,734	25.9	66.2	259.1	660.5	--	985.8	1,120	219	12.6	--	141
Jun 2007	24,969	19,264	2,727	--	46,959	23.5	64.3	258.5	673.7	--	996.5	1,079	207	11.3	--	131
Jul 2007	28,271	20,425	2,088	--	50,785	25.4	63.7	257.8	656.7	--	978.3	1,193	213	8.6	--	140
Aug 2007	26,034	19,581	1,714	--	47,329	23.7	61.2	258.5	611.0	--	930.7	1,145	204	7.5	--	137
Sep 2007	25,266	18,926	1,602	--	45,794	22.9	59.2	251.1	605.2	--	915.5	1,187	210	7.4	--	139
Oct 2007	26,065	21,264	1,644	--	48,973	24.5	59.4	264.5	617.0	--	940.9	1,181	216	7.2	--	140
Nov 2007	22,872	20,247	1,663	--	44,782	22.4	57.3	264.1	622.9	--	944.3	1,110	213	7.4	--	132
Dec 2007	22,995	20,294	1,845	--	45,134	22.6	55.4	264.1	627.6	--	947.1	1,117	207	7.9	--	128
Jan 2008	27,076	19,543	1,791	--	48,410	24.2	56.5	262.9	631.2	--	950.7	1,289	200	7.6	--	137
Feb 2008	23,735	18,381	1,762	--	43,878	21.9	59.1	262.2	608.9	--	930.3	1,154	202	8.3	--	136
Mar 2008	26,965	20,640	1,854	--	49,460	24.7	61.6	265.0	614.0	--	940.6	1,178	210	8.1	--	141
Apr 2008	24,895	19,674	1,628	--	46,196	23.1	61.9	268.1	623.1	--	953.1	1,118	204	7.3	--	135
May 2008	22,360	19,429	1,433	--	43,222	21.6	60.6	266.5	618.8	--	945.9	993	196	6.2	--	123
Jun 2008	21,965	19,116	1,311	--	42,393	21.2	61.0	271.5	630.3	--	962.8	1,001	196	5.8	--	122
Jul 2008	25,338	20,858	1,676	--	47,872	23.9	63.4	273.5	618.5	--	955.4	1,076	205	7.3	--	135
Aug 2008	29,309	21,022	1,822	--	52,153	26.1	65.7	276.5	585.1	--	927.3	1,201	205	8.4	--	151
Sep 2008	23,943	19,048	1,679	--	44,670	22.3	65.4	275.7	589.9	--	931.0	1,018	192	7.9	--	133
Oct 2008	24,824	19,393	1,574	--	45,791	22.9	65.5	275.3	597.2	--	938.0	1,020	190	7.1	--	131
Nov 2008	24,199	19,286	1,436	--	44,921	22.5	65.4	279.0	560.4	--	904.8	1,029	192	7.1	--	138
Dec 2008	25,071	21,007	1,793	--	47,871	23.9	65.4	285.8	562.7	--	914.0	1,031	198	8.6	--	141
Jan 2009	26,792	20,422	1,352	--	48,567	24.3	66.8	276.4	586.0	--	929.3	1,078	199	6.2	--	141
Feb 2009	23,092	18,143	935	--	42,170	21.1	66.7	267.5	584.2	--	918.4	1,031	202	4.8	--	137
Mar 2009	26,800	22,333	1,108	--	50,242	25.1	67.6	258.9	606.0	--	932.4	1,067	232	4.9	--	145
Apr 2009	24,995	20,556	1,011	--	46,562	23.3	67.5	260.0	595.9	--	923.3	1,029	220	4.7	--	140
May 2009	25,528	20,293	1,099	--	46,920	23.5	66.6	256.8	598.6	--	922.0	1,031	213	4.9	--	137
Jun 2009	25,967	18,530	1,060	--	45,557	22.8	69.3	258.2	579.9	--	907.4	1,042	199	5.1	--	140
Jul 2009	25,818	20,901	1,235	--	47,953	24.0	68.6	282.6	572.2	--	923.4	1,012	199	5.8	--	140
Aug 2009	26,627	20,201	1,340	--	48,168	24.1	69.3	226.7	561.8	--	857.7	1,034	240	6.4	--	151
Sep 2009	28,150	20,125	1,433	--	49,708	24.9	71.2	230.7	559.4	--	861.4	1,099	242	7.1	--	160
Oct 2009	26,266	19,271	1,378	--	46,914	23.5	74.9	238.1	562.2	--	875.2	944	218	6.6	--	144
Nov 2009	26,816	18,379	1,415	--	46,611	23.3	74.5	234.7	564.6	--	873.8	1,001	218	7.0	--	148
Dec 2009	27,628	19,679	1,532	--	48,839	24.4	73.3	248.1	582.4	--	903.8	1,015	213	7.1	--	145
Jan 2010	28,320	20,504	1,709	--	50,533	25.3	71.8	240.2	571.0	--	883.0	1,062	230	8.1	--	154
Feb 2010	23,883	18,894	1,493	--	44,270	22.1	75.3	246.6	573.5	--	895.3	945	228	7.8	--	147
Mar 2010	29,416	19,490	1,507	--	50,413	25.2	73.2	255.4	562.2	--	890.8	1,081	205	7.2	--	152

TABLE 8: PERCHLORATE REMOVED FROM THE ENVIRONMENT

Nevada Environmental Response Trust Site
Henderson, Nevada

Month	Perchlorate Mass Removed						Extraction Rate					Average Perchlorate Concentration				
	Interceptor Well Field (lbs)	Athens Road Well Field (lbs)	Seep Well Field (lbs)	AP Area ² (lbs)	Total Pounds Removed	Total Tons Removed	Interceptor Well Field (gpm)	Athens Road Well Field (gpm)	Seep Well Field (gpm)	AP Area ² (gpm)	Total (gpm)	Interceptor Well Field (mg/L)	Athens Road Well Field (mg/L)	Seep Well Field (mg/L)	AP Area ² (mg/L)	Total (mg/L)
Apr 2010	27,792	19,108	1,507	--	48,408	24.2	73.2	244.1	540.8	--	858.1	1,055	218	7.7	--	157
May 2010	30,488	23,485	1,637	--	55,610	27.8	75.1	266.2	548.5	--	889.8	1,092	237	8.0	--	168
Jun 2010	28,252	21,992	1,602	--	51,846	25.9	73.8	267.3	527.4	--	868.5	1,064	229	8.4	--	166
Jul 2010	26,014	20,209	1,415	--	47,638	23.8	73.0	269.4	533.7	--	876.1	959	202	7.1	--	146
Aug 2010	26,223	20,722	1,349	--	48,294	24.1	71.1	269.4	518.7	--	859.2	992	207	7.0	--	151
Sep 2010	24,977	21,219	1,368	--	47,564	23.8	73.8	264.6	510.3	--	848.7	941	223	7.5	--	156
Oct 2010	24,609	19,578	1,575	--	45,762	22.9	70.9	268.4	529.6	--	868.9	934	196	8.0	--	142
Nov 2010	22,829	19,060	1,513	--	43,401	21.7	69.8	268.9	521.6	--	860.2	910	197	8.1	--	140
Dec 2010	21,292	19,729	1,306	--	42,327	21.2	67.7	267.7	530.8	--	866.2	846	198	6.6	--	131
Jan 2011	22,791	18,539	742	--	42,073	21.0	69.3	266.9	529.7	--	865.9	885	187	3.8	--	131
Feb 2011	19,850	16,457	1,054	--	37,362	18.7	67.3	263.0	545.1	--	875.5	878	186	5.8	--	127
Mar 2011	22,724	19,639	1,332	--	43,695	21.8	65.0	283.3	526.1	--	874.5	941	187	6.8	--	134
Apr 2011	23,716	18,472	1,453	--	43,641	21.8	67.1	285.1	505.0	--	857.2	983	180	8.0	--	142
May 2011	22,699	19,591	1,762	--	44,053	22.0	65.4	285.8	500.7	--	851.9	934	184	9.5	--	139
Jun 2011	22,707	19,162	1,376	--	43,246	21.6	66.2	284.6	499.9	--	850.7	953	187	7.7	--	141
Jul 2011	23,445	20,015	1,265	--	44,726	22.4	67.8	285.5	535.8	--	889.1	931	189	6.4	--	135
Aug 2011	23,817	19,541	1,220	--	44,578	22.3	67.3	273.9	507.0	--	848.3	952	192	6.5	--	141
Sep 2011	22,519	18,563	1,229	--	42,312	21.2	65.8	270.6	461.3	--	797.7	951	191	7.4	--	147
Oct 2011	23,145	18,122	1,269	--	42,537	21.3	67.5	270.7	467.7	--	805.8	923	180	7.3	--	142
Nov 2011	20,878	17,112	1,223	--	39,212	19.6	67.9	268.2	494.3	--	830.3	855	177	6.9	--	131
Dec 2011	20,432	17,564	1,171	--	39,168	19.6	65.0	267.3	475.2	--	807.5	846	177	6.2	--	130
Jan 2012	21,517	18,946	1,278	--	41,741	20.9	64.4	268.7	470.2	--	803.3	899	190	7.8	--	140
Feb 2012	20,332	19,070	1,241	--	40,643	20.3	64.5	269.1	469.4	--	803.1	906	204	7.6	--	146
Mar 2012	22,330	19,388	1,415	--	43,134	21.6	64.2	270.9	566.0	--	901.1	936	193	6.7	--	129
Apr 2012	20,566	18,198	1,331	--	40,095	20.0	63.7	273.1	567.9	--	904.7	897	185	6.5	--	123
May 2012	21,283	20,624	1,468	--	43,375	21.7	61.8	278.2	571.7	--	911.7	926	199	6.9	--	128
Jun 2012	16,233	19,216	1,430	--	36,879	18.4	61.6	272.8	590.8	--	925.2	732	196	6.7	--	111
Jul 2012	20,501	19,243	1,512	--	41,256	20.6	61.8	271.5	590.4	--	923.8	892	191	6.9	--	120
Aug 2012	20,287	18,545	1,483	--	40,316	20.2	62.4	272.2	578.8	--	913.4	874	183	6.9	--	119
Sep 2012	31,253	18,766	1,825	--	51,844	25.9	73.7	280.7	602.4	--	956.9	1,178	186	8.4	--	151
Oct 2012	40,108	18,722	2,007	--	60,837	30.4	74.4	278.7	602.8	--	955.9	1,450	181	9.0	--	171
Nov 2012	34,347	18,181	1,496	--	54,024	27.0	68.6	290.9	597.2	--	956.6	1,392	174	7.0	--	157
Dec 2012	40,336	19,186	1,745	--	61,268	30.6	72.8	290.3	590.5	--	953.6	1,491	178	8.0	--	173
Jan 2013	40,061	19,889	1,793	--	61,742	30.9	70.6	288.1	589.6	--	948.3	1,527	186	8.2	--	175
Feb 2013	33,437	17,234	1,466	--	52,137	26.1	70.7	282.8	587.1	--	940.5	1,408	182	7.4	--	165
Mar 2013	33,163	18,919	1,596	--	53,679	26.8	68.1	280.8	578.8	--	927.7	1,311	181	7.4	--	156
Apr 2013	34,229	18,864	1,887	--	54,980	27.5	68.4	281.2	570.9	--	920.5	1,391	187	9.2	--	166
May 2013	33,665	17,498	1,933	--	53,095	26.5	65.4	270.2	568.8	--	904.4	1,384	174	9.1	--	158
Jun 2013	26,563	16,135	1,419	--	44,118	22.1	66.6	280.6	558.3	--	905.5	1,109	160	7.1	--	135
Jul 2013	29,359	16,206	1,658	--	47,223	23.6	66.2	274.8	570.2	--	911.2	1,193	159	7.8	--	139
Aug 2013	28,931	17,642	1,844	--	48,417	24.2	65.6	277.1	545.1	--	887.8	1,187	171	9.1	--	147
Sep 2013	28,676	17,273	1,332	--	47,281	23.6	66.7	274.0	508.9	--	849.6	1,194	175	7.3	--	155
Oct 2013	29,062	18,386	1,710	--	49,158	24.6	66.7	283.8	507.4	--	857.9	1,173	174	9.1	--	154
Nov 2013	23,861	15,422	1,614	--	40,898	20.4	66.2	274.2	476.6	--	817.0	1,001	156	9.4	--	139
Dec 2013	24,769	13,886	1,408	--	40,063	20.0	71.3	285.3	477.6	--	834.2	934	131	7.9	--	129
Jan 2014	29,261	14,864	1,753	--	45,879	22.9	71.7	283.0	503.2	--	857.8	1,095	141	9.4	--	144
Feb 2014	23,451	14,342	1,385	--	39,178	19.6	71.8	282.8	510.9	--	865.5	971	151	8.1	--	135

TABLE 8: PERCHLORATE REMOVED FROM THE ENVIRONMENT

Nevada Environmental Response Trust Site
Henderson, Nevada

Month	Perchlorate Mass Removed						Extraction Rate					Average Perchlorate Concentration				
	Interceptor Well Field (lbs)	Athens Road Well Field (lbs)	Seep Well Field (lbs)	AP Area ² (lbs)	Total Pounds Removed	Total Tons Removed	Interceptor Well Field (gpm)	Athens Road Well Field (gpm)	Seep Well Field (gpm)	AP Area ² (gpm)	Total (gpm)	Interceptor Well Field (mg/L)	Athens Road Well Field (mg/L)	Seep Well Field (mg/L)	AP Area ² (mg/L)	Total (mg/L)
Mar 2014	28,390	15,402	1,501	--	45,294	22.6	73.1	272.9	492.5	--	838.4	1,043	152	8.2	--	145
Apr 2014	24,233	14,081	1,345	--	39,659	19.8	71.1	276.8	488.6	--	836.5	945	141	7.7	--	132
May 2014	22,791	13,880	1,473	--	38,144	19.1	73.3	284.6	496.0	--	853.9	834	131	8.0	--	120
Jun 2014	29,239	12,679	1,424	--	43,341	21.7	78.1	285.4	481.0	--	844.5	1,038	123	8.2	--	142
Jul 2014	27,832	15,691	1,851	--	45,374	22.7	71.9	281.5	506.4	--	859.9	1,039	150	9.8	--	142
Aug 2014	26,040	15,795	1,831	--	43,666	21.8	69.0	288.1	519.1	--	876.1	1,014	147	9.5	--	134
Sep 2014	24,905	16,224	2,089	--	43,219	21.6	68.5	292.8	524.2	--	885.5	1,008	154	11.1	--	135
Oct 2014	24,912	16,698	2,157	--	43,767	21.9	68.3	289.2	517.0	--	874.5	979	155	11.2	--	134
Nov 2014	22,764	14,480	1,842	--	39,087	19.5	67.9	277.5	525.1	--	870.5	935	145	9.7	--	125
Dec 2014	22,836	15,743	1,932	--	40,512	20.3	71.5	283.7	521.1	--	876.3	858	149	10.0	--	124
Jan 2015	22,885	16,689	2,155	--	41,729	20.9	71.4	283.6	519.6	--	874.7	859	158	11.1	--	128
Feb 2015	22,790	14,018	2,222	--	39,030	19.5	70.1	284.0	595.8	--	949.9	965	147	11.1	--	122
Mar 2015	24,597	17,768	2,561	--	44,926	22.5	68.4	287.5	590.3	--	946.1	964	166	11.6	--	127
Apr 2015	22,852	18,086	2,287	--	43,226	21.6	66.1	287.2	559.0	--	912.3	958	174	11.3	--	131
May 2015	22,593	16,182	2,112	--	40,887	20.4	67.1	285.7	525.9	--	878.7	903	152	10.8	--	125
Jun 2015	21,383	16,809	2,121	--	40,313	20.2	64.7	287.0	533.3	--	885.0	915	162	11.0	--	126
Jul 2015	21,508	14,589	2,201	--	38,298	19.1	63.9	280.1	546.1	--	890.2	902	140	10.8	--	115
Aug 2015	18,680	15,934	2,240	--	36,854	18.4	62.5	275.1	547.8	--	885.4	801	155	11.0	--	112
Sep 2015	18,150	16,742	2,297	--	37,189	18.6	62.9	294.5	568.7	--	926.1	800	157	11.2	--	111
Oct 2015	18,634	14,904	2,177	--	35,716	17.9	62.0	241.2	531.9	--	835.1	806	166	11.0	--	115
Nov 2015	17,526	19,032	2,001	--	38,559	19.3	54.8	296.7	457.7	--	809.2	886	178	12.1	--	132
Dec 2015	18,860	15,907	2,380	--	37,146	18.6	57.8	269.7	522.6	--	850.1	875	158	12.2	--	117
Jan 2016	17,222	11,778	2,633	--	31,634	15.8	59.1	254.4	528.6	--	842.1	782	124	13.4	--	101
Feb 2016	12,008	12,152	2,052	--	26,213	13.1	54.2	250.9	535.8	--	840.8	635	139	11.0	--	89
Mar 2016	13,748	12,484	1,546	--	27,778	13.9	53.2	258.5	537.7	--	849.3	693	129	7.7	--	88
Apr 2016	16,032	14,146	1,734	--	31,912	16.0	63.8	264.4	534.3	--	862.6	696	148	9.0	--	102
May 2016	17,577	12,695	2,052	--	32,324	16.2	67.8	275.2	539.2	--	882.1	695	124	10.2	--	98
Jun 2016	18,529	13,458	2,283	--	34,270	17.1	71.3	280.9	555.9	--	908.1	720	133	11.4	--	105
Jul 2016	14,879	13,351	2,064	--	30,294	15.1	53.8	292.8	547.7	--	894.3	742	122	10.1	--	91
Aug 2016	15,573	14,486	2,231	--	32,290	16.1	65.1	358.8	550.5	--	974.3	642	108	10.9	--	89
Sep 2016	13,852	11,256	1,979	--	27,087	13.5	59.1	356.0	565.3	--	980.4	650	88	9.7	--	77
Oct 2016	14,021	4,751	1,752	79	20,603	10.3	60.5	99.7	426.0	0.2	586.3	622	128	11.0	1,454	94
Nov 2016	16,156	15,583	2,008	1,141	34,888	17.4	58.6	377.3	548.8	1.5	986.0	764	114	10.1	2,173	98
Dec 2016	18,429	17,320	1,956	1,309	39,014	19.5	62.2	416.9	465.3	1.9	946.3	795	111	11.3	1,824	111
Jan 2017	19,490	16,221	2,632	2,895	41,238	20.6	65.8	410.0	571.4	4.4	1051.6	794	106	12.3	1,760	105
Feb 2017	17,838	13,540	1,607	2,481	35,466	17.7	64.7	405.1	633.8	5.2	1108.8	818	99	7.5	1,415	95
Mar 2017	14,848	14,890	1,535	2,405	33,678	16.8	65.1	387.7	674.0	5.4	1132.1	612	103	6.1	1,205	80
Apr 2017	15,181	11,703	1,765	1,966	30,615	15.3	65.7	362.7	679.7	5.4	1113.5	640	89	7.2	1,017	76
May 2017	15,310	10,292	2,062	1,570	29,234	14.6	64.4	376.4	674.1	5.3	1120.2	637	73	8.2	794	70
Jun 2017	16,486	14,756	2,524	1,749	35,515	17.8	64.6	431.6	688.0	6.0	1190.2	707	95	10.2	810	83
Jul 2017	15,743	14,149	2,787	1,932	34,611	17.3	63.1	458.5	759.4	6.8	1287.9	669	83	9.8	757	72
Aug 2017	16,040	13,811	2,650	2,109	34,610	17.3	63.7	455.8	775.9	7.4	1302.7	675	81	9.2	769	71
Sep 2017	13,940	13,418	2,477	3,519	33,354	16.7	63.1	456.8	804.8	11.8	1336.6	612	81	8.5	825	69
Oct 2017	14,090	14,073	2,338	3,360	33,860	16.9	61.8	462.1	796.9	11.7	1332.5	612	82	7.9	769	68
Nov 2017	16,832	15,529	2,635	3,425	38,420	19.2	61.0	461.4	745.4	11.5	1279.4	764	93	9.8	822	83
Dec 2017	14,987	13,720	3,041	3,581	35,328	17.7	60.2	465.7	748.4	11.9	1286.2	667	79	10.9	808	74
Jan 2018	13,788	12,025	2,161	2,907	30,881	15.4	59.9	454.0	729.5	11.0	1254.3	617	71	7.9	711	66

TABLE 8: PERCHLORATE REMOVED FROM THE ENVIRONMENT

Nevada Environmental Response Trust Site
Henderson, Nevada

Month	Perchlorate Mass Removed						Extraction Rate					Average Perchlorate Concentration				
	Interceptor Well Field (lbs)	Athens Road Well Field (lbs)	Seep Well Field (lbs)	AP Area ² (lbs)	Total Pounds Removed	Total Tons Removed	Interceptor Well Field (gpm)	Athens Road Well Field (gpm)	Seep Well Field (gpm)	AP Area ² (gpm)	Total (gpm)	Interceptor Well Field (mg/L)	Athens Road Well Field (mg/L)	Seep Well Field (mg/L)	AP Area ² (mg/L)	Total (mg/L)
Feb 2018	12,678	12,199	1,190	3,411	29,478	14.7	62.7	472.1	751.7	11.6	1298.0	601	77	4.7	875	67
Mar 2018	14,696	14,340	2,131	2,947	34,114	17.1	62.3	474.4	747.8	9.9	1294.4	632	81	7.6	799	71
Apr 2018	12,582	15,270	1,881	3,332	33,065	16.5	61.2	468.9	748.9	10.0	1289.1	569	90	7.0	919	71
May 2018	14,014	11,684	1,095	3,513	30,306	15.2	59.8	465.4	744.2	9.4	1278.8	628	67	3.9	997	64
Jun 2018	15,159	16,146	1,717	3,047	36,068	18.0	57.3	462.7	736.4	8.8	1265.2	733	97	6.5	954	79
Jul 2018	13,089	13,274	2,066	2,829	31,258	15.6	54.1	454.1	725.7	8.5	1242.4	649	78	7.6	889	67
Aug 2018	10,887	13,209	2,273	2,885	29,254	14.6	55.4	465.8	735.3	8.6	1265.1	527	76	8.3	895	62
Sep 2018	11,321	12,722	2,401	2,696	29,141	14.6	54.9	475.1	740.1	8.4	1278.6	571	74	9.0	889	63
Oct 2018	13,090	13,411	2,753	2,962	32,217	16.1	56.4	475.8	740.4	8.1	1280.6	622	76	10.0	986	67
Nov 2018	12,105	13,822	1,909	2,765	30,600	15.3	56.0	474.2	739.7	8.4	1278.2	599	81	7.2	917	66
Dec 2018	12,228	13,632	1,776	2,845	30,482	15.2	55.1	467.7	743.6	8.2	1274.7	595	78	6.4	930	64
Jan 2019	12,485	12,989	2,045	2,789	30,307	15.2	56.3	465.1	756.5	8.7	1286.6	594	75	7.2	858	63
Feb 2019	12,572	12,336	2,065	2,812	29,785	14.9	56.6	464.7	751.7	8.7	1281.7	659	79	8.2	960	69
Mar 2019	11,487	11,454	2,002	2,993	27,936	14.0	58.7	443.0	745.4	9.9	1257.0	525	69	7.2	814	60
Apr 2019	12,111	12,457	2,006	2,834	29,409	14.7	59.6	459.9	741.1	10.7	1271.4	563	75	7.5	732	64
May 2019	12,055	12,390	2,048	3,218	29,711	14.9	60.4	461.7	741.1	11.7	1274.9	535	72	7.4	738	62
Jun 2019	10,170	12,385	1,864	2,735	27,155	13.6	59.5	463.1	739.5	12.3	1274.4	474	74	7.0	618	59
Jul 2019	10,843	11,986	2,076	2,771	27,676	13.8	58.8	463.5	740.7	12.8	1275.8	494	69	7.5	580	58
Aug 2019	11,903	13,628	2,126	3,375	31,033	15.5	58.6	461.4	734.7	12.5	1267.1	545	79	7.8	724	66
Sep 2019	12,001	12,686	2,446	2,800	29,933	15.0	60.0	462.7	748.0	11.4	1282.1	554	76	9.1	678	65
Oct 2019	10,306	14,746	2,509	2,791	30,352	15.2	57.8	457.2	740.2	10.6	1265.8	478	86	9.1	703	64
Nov 2019	10,298	12,012	2,041	2,314	26,666	13.3	59.2	458.0	748.9	10.2	1276.3	482	73	7.6	628	58
Dec 2019	10,518	11,622	1,901	3,086	27,126	13.6	60.5	465.8	749.7	11.1	1287.2	466	67	6.8	744	56
Jan 2020	10,000	10,778	2,084	2,230	25,092	12.5	61.4	471.6	755.9	11.0	1300.0	437	61	7.4	545	52
Feb 2020	8,924	9,688	1,501	2,202	22,315	11.2	61.7	469.5	759.9	10.9	1302.0	414	59	5.7	581	49
Mar 2020	9,408	11,293	1,659	2,621	24,981	12.5	61.3	467.0	757.0	11.3	1296.5	412	65	5.9	624	52
Apr 2020	9,832	11,477	1,882	2,542	25,733	12.9	61.2	469.9	755.4	11.9	1298.5	445	68	6.9	592	55
May 2020	9,027	10,796	2,013	2,299	24,134	12.1	60.9	466.4	750.5	11.3	1289.1	397	62	7.2	544	50
Jun 2020	9,742	11,359	1,902	2,487	25,489	12.7	60.0	465.8	746.4	11.0	1283.2	450	68	7.1	627	55

Notes:

¹Monthly mass removal information is not available prior to October 2002. The data as shown represent the estimated total mass removed from system start-up through September 2002, presented as total pounds. These numbers were estimated based on total mass removal information available in the former Perchlorate Removed from the Environment Submittal, which was previously submitted to NDEP quarterly through fourth quarter 2014.

²AP Area extraction wells were tested in October 2016 and began operating continuously in November 2016. Mass removal numbers presented were originally reported in the GWETS operation monthly reports submitted to NDEP by Envirogen.

- Mass removal information presented in this spreadsheet from months prior to January 2015 was calculated using the historic mass removal calculation methodology. Beginning in January 2015, perchlorate removal was determined using a revised methodology which has been approved by NDEP (Tetra Tech 2015).

- Complete perchlorate concentration and/or pumping data sets for reporting years prior to July 2004 are not available. Perchlorate removal values presented in this table for October 2002 - June 2004 were taken from prior reports.

- Mass removal information for October 2017 may differ slightly from data previously presented in GWETS Operation Monthly Reports due to the inclusion of additional analytical data available for the Interceptor Well Field.

-- = no data available

gpm = gallons per minute

lbs = pounds

mg/L = milligrams per liter

TABLE 9: WEEKLY PERCHLORATE IN EFFLUENT DISCHARGE, JULY 2019 - JUNE 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Sample Date	Effluent Location	Perchlorate (mg/L)	Perchlorate SQL (mg/L)
07/06/2019	OUTFALL 001 EFF-COMP	0.0057	0.0010
07/13/2019	OUTFALL 001 EFF-COMP	0.011	0.0010
07/20/2019	OUTFALL 001 EFF-COMP	0.0035	0.0010
07/27/2019	OUTFALL 001 EFF-COMP	<0.0010	0.0010
08/03/2019	OUTFALL 001 EFF-COMP	0.0044	0.0010
08/10/2019	OUTFALL 001 EFF-COMP	0.0041	0.0010
08/17/2019	OUTFALL 001 EFF-COMP	<0.0010	0.0010
08/24/2019	OUTFALL 001 EFF-COMP	<0.0010	0.0010
08/31/2019	OUTFALL 001 EFF-COMP	0.013	0.0010
09/07/2019	OUTFALL 001 EFF-COMP	0.0070	0.0010
09/14/2019	OUTFALL 001 EFF-COMP	<0.0025	0.0025
09/21/2019	OUTFALL 001 EFF-COMP	<0.0010	0.0010
09/28/2019	OUTFALL 001 EFF-COMP	<0.0010	0.0010
10/05/2019	OUTFALL 001 EFF-COMP	<0.0010	0.0010
10/12/2019	OUTFALL 001 EFF-COMP	<0.0010	0.0010
10/19/2019	OUTFALL 001 EFF-COMP	<0.0010	0.0010
10/26/2019	OUTFALL 001 EFF-COMP	<0.0010	0.0010
11/02/2019	OUTFALL 001 EFF-COMP	<0.0010	0.0010
11/09/2019	OUTFALL 001 EFF-COMP	<0.0025	0.0025
11/16/2019	OUTFALL 001 EFF-COMP	<0.0025	0.0025
11/23/2019	OUTFALL 001 EFF-COMP	<0.0010	0.0010
11/30/2019	OUTFALL 001 EFF-COMP	<0.0025	0.0025
12/07/2019	OUTFALL 001 EFF-COMP	<0.0025	0.0025
12/14/2019	OUTFALL 001 EFF-COMP	<0.0025	0.0025
12/21/2019	OUTFALL 001 EFF-COMP	<0.0025	0.0025
12/28/2019	OUTFALL 001 EFF-COMP	<0.0025 U [^]	0.0025
01/04/2020	OUTFALL 001 EFF-COMP	0.0044 J	0.0025
01/11/2020	OUTFALL 001 EFF-COMP	0.012	0.0025
	OUTFALL 001 EFF-COMP	<0.000079	0.000079
01/18/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025
01/25/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025
02/01/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025
02/08/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025
02/15/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025
02/22/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025
02/29/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025
03/07/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025
03/14/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025

TABLE 9: WEEKLY PERCHLORATE IN EFFLUENT DISCHARGE, JULY 2019 - JUNE 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Sample Date	Effluent Location	Perchlorate (mg/L)	Perchlorate SQL (mg/L)
03/21/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025
03/28/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025
04/04/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025
04/11/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025
04/18/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025
04/25/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025
05/02/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025
05/09/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025
05/16/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025
05/23/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025
05/30/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025
06/06/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025
06/13/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025
06/20/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025
06/27/2020	OUTFALL 001 EFF-COMP	<0.0025	0.0025

Notes:

An effluent composite sample was collected on 1/11/2020 and analyzed for perchlorate using EPA Method 314.0. Due to the detection of perchlorate (0.012 mg/L), the same composite sample was re-analyzed using EPA Method 6850, which is less susceptible to matrix interference issues and was non-detect for perchlorate (<0.000079 mg/L).

EPA = United States Environmental Protection Agency

mg/L = milligrams per liter

SQL = Sample Quantitation Limit

J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value

U^ = Instrument related QC is outside acceptance limits

TABLE 10: LAS VEGAS WASH PERCHLORATE MASS LOADING

Nevada Environmental Response Trust Site

Henderson, Nevada

Reporting Year	Average Perchlorate Mass Loading (pounds per day)								
	LVW 8.85 Las Vegas Wasteway	LVW 7.2 Duck Creek	LVW 6.6 Sunrise Mountain	LVW 6.05 Pabco Road	LVW 5.3 Historic Lateral	LVW 4.75 Calico Ridge	LVW 4.2 Homestead	LVW 3.5 Rainbow Gardens	LVW 0.55 Northshore Road
2007/2008 ¹	2.0	--	--	23.3	--	--	--	--	68.7
2008/2009 ²	1.7	--	--	16.7	--	--	--	--	70.6
2009/2010	1.6	--	--	30.2	--	--	--	--	62.0
2010/2011	1.5	--	--	17.3	--	--	--	--	71.1
2011/2012	1.3	--	--	9.7	--	--	--	--	76.3
2012/2013	1.4	--	--	27.9	--	--	--	--	68.6
2013/2014	1.4	--	--	24.2	--	--	--	--	67.3
2014/2015	1.4	--	--	20.1	--	--	--	--	64.6
2015/2016 ³	1.5	--	--	20.8	--	--	--	--	59.4
2016/2017 ³	1.0	--	--	19.7	--	--	--	--	58.7
2017/2018 ⁴	1.2	1.7	5.1	10.6	14.7	39.6	46.1	64.3	56.5
2018/2019 ⁵	1.1 J	1.8	8.6	19.8	25.7	54.2	55.3	69.7	66.5
2019/2020 ^{6,7}	1.0 J	1.5 J	12.3	32.1	49.1	68.9	63.6	74.2	76.3
Average	1.4	1.7	8.6	21.0	29.9	54.3	55.0	69.4	66.7

Notes:

Reporting year is July through June.

¹ 2007 third quarter mass loading estimate missing for Las Vegas Wasteway and Pabco Road.² 2009 first quarter mass loading estimate missing for Northshore Road.³ January 2016 through February 2017 flow rate data were not available for LVW 8.85; flow rates from 2015 were used to estimate loading during this timeframe.⁴ Loading estimates were calculated using analytical concentration data collected by Tetra Tech and Envirogen starting in July 2017 for all locations except Las Vegas Wasteway, which was estimated using data collected by Tetra Tech starting in July 2018. Previously, estimates were calculated using concentration data provided by Southern Nevada Water Authority (SNWA).⁵ Las Vegas Wasteway and Historic Lateral were sampled at new locations beginning in October 2018.⁶ The flow rate at LVW 0.55 (Northshore Road) on March 2, 2020 is anomalous and the perchlorate loading on that date is not included in the calculated average.⁷ To calculate average perchlorate loading at each location, the following assumptions were made:

- Mass loading estimates associated with field duplicate results were averaged with those of the corresponding parent sample before determining an average loading for a given location.
- The Kaplan-Meier method was used to address nondetected concentrations and calculate an average perchlorate mass loading estimate.
- Flow rates are not measured by the United States Geological Survey (USGS) at LVW 6.6 (Sunrise Mountain) or LVW 4.75 (Calico Ridge); flow rates at these locations were estimated based on measured flow rates at nearby locations.
- Flow rates used to calculate mass loading estimates were obtained from the USGS website on September 29, 2020.

TABLE 11: LAS VEGAS WASH PERCHLORATE MASS LOADING, JULY 2019 - JUNE 2020

Nevada Environmental Response Trust Site
Henderson, Nevada

Location Name	Sample Name	Sample Date and Time	Flow Rate (cfs)	Perchlorate Concentration (ug/L)	Perchlorate Loading (lbs/day)
LV Wasteway	LVW 8.85	07/10/2019 06:45	144	2.0 J	1.6
		07/10/2019 06:45	144	1.6 J	1.2
		08/09/2019 07:45	154	1.2 J	1.0
		08/09/2019 07:45	154	1.5 J	1.2
		09/04/2019 10:15	277	<0.95	<1.4
		10/11/2019 11:00	279	<0.95	<1.4
		11/15/2019 11:30	303	<0.95	<1.6
		12/06/2019 08:30	159	<0.95	<0.81
		01/14/2020 11:15	288	<0.95	<1.5
		02/06/2020 11:15	320	<0.95	<1.6
		03/06/2020 09:30	197	1.1 J	1.2
		04/16/2020 09:00	125	1.3 J	0.88
		05/01/2020 08:00	124	<0.95	<0.64
06/09/2020 07:45	160	1.6 J	1.4		
Duck Creek	LVW 7.2	07/09/2019 10:15	201	1.2 J	1.3
		07/09/2019 10:15	201	1.4 J	1.5
		08/08/2019 11:00	231	2.2 J	2.7
		09/05/2019 11:30	217	2.4 J	2.8
		09/05/2019 11:30	217	2.1 J	2.5
		10/11/2019 10:15	193	<0.95	<0.99
		10/11/2019 10:15	193	<0.95	<0.99
		11/15/2019 10:30	202	<0.95	<1.0
		11/15/2019 10:30	202	<0.95	<1.0
		12/06/2019 09:15	162	<0.95	<0.83
		12/06/2019 09:15	162	<0.95	<0.83
		01/14/2020 10:30	176	<0.95	<0.90
		01/14/2020 10:30	176	<0.95	<0.90
		02/06/2020 10:15	176	1.2 J	1.1
		02/06/2020 10:15	176	1.2 J	1.1
		03/06/2020 08:45	158	2.1 J	1.8
		03/06/2020 08:45	158	2.0 J	1.7
		04/16/2020 07:45	183	1.0 J	0.99
		04/16/2020 07:45	183	1.1 J	1.1
		05/01/2020 08:45	168	1.6 J	1.4
05/01/2020 08:45	168	1.6 J	1.4		
06/09/2020 08:30	157	2.3 J	1.9		
06/09/2020 08:30	157	2.6 J	2.2		
Sunrise Mountain	LVW 6.6-1	07/09/2019 09:30	216	21	24
		08/08/2019 10:30	214	26	30
		09/05/2019 11:00	205	35	39
		10/11/2019 09:45	157	20	17
		11/15/2019 10:00	158	10	8.5
		12/05/2019 13:15	329	49	87
		01/14/2020 10:00	142	28	21
		02/06/2020 09:45	149	36	29
		03/06/2020 08:15	153	38	31
		04/14/2020 13:30	204	19	21
		05/01/2020 09:15	168	40	36
06/09/2020 08:45	162	24	21		

TABLE 11: LAS VEGAS WASH PERCHLORATE MASS LOADING, JULY 2019 - JUNE 2020
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Location Name	Sample Name	Sample Date and Time	Flow Rate (cfs)	Perchlorate Concentration (ug/L)	Perchlorate Loading (lbs/day)
Sunrise Mountain (cont.)	LVW 6.6-2	07/09/2019 09:30	216	1.5 J	1.7
		08/08/2019 10:30	214	4.8	5.5
		09/05/2019 11:00	205	8.2	9.1
		10/11/2019 09:45	157	<0.95	<0.80
		11/15/2019 10:00	158	<0.95	<0.81
		12/05/2019 13:15	329	2.8 J	5.0
		01/14/2020 10:00	142	2.3 J	1.8
		02/06/2020 09:45	149	2.5 J	2.0
		03/06/2020 08:15	153	4.2	3.5
		04/14/2020 13:30	204	2.0 J	2.2
	05/01/2020 09:15	168	1.8 J	1.6	
	06/09/2020 08:45	162	2.4 J	2.1	
	LVW 6.6-3	07/09/2019 09:30	216	1.7 J	2.0
		08/08/2019 10:30	214	2.2 J	2.5
		09/05/2019 11:00	205	<0.95	<1.0
		10/11/2019 09:45	157	<0.95	<0.80
		11/15/2019 10:00	158	1.2 J	1.0
		12/05/2019 13:15	329	2.2 J	3.9
		01/14/2020 10:00	142	<0.95	<0.73
		02/06/2020 09:45	149	1.5 J	1.2
03/06/2020 08:15		153	1.5 J	1.2	
04/14/2020 13:30		204	21	23	
05/01/2020 09:15	168	<0.95	<0.86		
06/09/2020 08:45	162	3.6 J	3.2		
Pabco Road	LVW 6.05	07/10/2019 09:15	212	19	22
		08/08/2019 10:00	217	17	20
		08/08/2019 10:00	217	23	27
		09/05/2019 10:30	213	19	22
		09/05/2019 10:30	213	20	23
		10/10/2019 14:30	339	13	24
		10/10/2019 14:30	339	10	18
		11/15/2019 09:15	203	19	21
		11/15/2019 09:15	203	21	23
		12/05/2019 12:45	354	13	25
		12/05/2019 12:45	354	13	25
		01/14/2020 09:30	235	26	33
		01/14/2020 09:30	235	27	34
		02/06/2020 09:00	202	34	37
		02/06/2020 09:00	202	33	36
		03/06/2020 07:45	218	48	56
		03/06/2020 07:45	218	50	59
		04/14/2020 13:00	207	44	49
		04/14/2020 13:00	207	44	49
		05/01/2020 09:30	173	37	35
05/01/2020 09:30	173	34	32		
06/09/2020 09:15	173	43	40		
06/09/2020 09:15	173	43	40		

TABLE 11: LAS VEGAS WASH PERCHLORATE MASS LOADING, JULY 2019 - JUNE 2020
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Location Name	Sample Name	Sample Date and Time	Flow Rate (cfs)	Perchlorate Concentration (ug/L)	Perchlorate Loading (lbs/day)
Historic Lateral	LVW 5.3-1	07/09/2019 08:45	215	40	46
		08/08/2019 09:15	219	41	48
		09/05/2019 09:00	194	42	44
		10/10/2019 12:45	301	20	32
		11/14/2019 11:45	263	<0.95	<1.3
		12/05/2019 12:00	368	70	140
		01/13/2020 12:45	279	33 J+	50
		02/05/2020 12:30	283	39	60
		03/05/2020 12:15	278	35	52
		04/14/2020 11:00	182	60	59
		05/01/2020 10:30	174	44	41
	06/09/2020 10:15	187	47	47	
	LVW 5.3-2	07/09/2019 08:45	215	25	29
		08/08/2019 09:15	219	21	25
		09/05/2019 09:00	194	23	24
		10/10/2019 12:45	301	19	31
		11/14/2019 11:45	263	17	24
		12/05/2019 12:00	368	100	200
		01/13/2020 12:45	279	25 J+	38
		02/05/2020 12:30	283	28	43
		03/05/2020 12:15	278	29	43
		04/14/2020 11:00	182	43	42
		05/01/2020 10:30	174	28	26
	06/09/2020 10:15	187	29	29	
	LVW 5.3-3	07/09/2019 08:45	215	23	27
		08/08/2019 09:15	219	17	20
		09/05/2019 09:00	194	18	19
		10/10/2019 12:45	301	20	32
		11/14/2019 11:45	263	18	26
		12/05/2019 12:00	368	120	240
		01/13/2020 12:45	279	25 J+	38
		02/05/2020 12:30	283	26	40
		03/05/2020 12:15	278	30	45
		04/14/2020 11:00	182	36	35
		05/01/2020 10:30	174	28	26
	06/09/2020 10:15	187	30	30	
	LVW 5.3-4	07/09/2019 08:45	215	20	23
		08/08/2019 09:15	219	17	20
		09/05/2019 09:00	194	16	17
		10/10/2019 12:45	301	17	28
		11/14/2019 11:45	263	20	28
		12/05/2019 12:00	368	150	300
		01/13/2020 12:45	279	20	30
		02/05/2020 12:30	283	29	44
03/05/2020 12:15		278	29	43	
04/14/2020 11:00		182	33	32	
05/01/2020 10:30		174	25	23	
06/09/2020 10:15	187	27	27		

TABLE 11: LAS VEGAS WASH PERCHLORATE MASS LOADING, JULY 2019 - JUNE 2020
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Location Name	Sample Name	Sample Date and Time	Flow Rate (cfs)	Perchlorate Concentration (ug/L)	Perchlorate Loading (lbs/day)
Historic Lateral (cont.)	LVW 5.3-5	07/09/2019 08:45	215	19	22
		08/08/2019 09:15	219	18	21
		09/05/2019 09:00	194	18	19
		10/10/2019 12:45	301	20	32
		11/14/2019 11:45	263	19	27
		12/05/2019 12:00	368	130	260
		01/13/2020 12:45	279	22	33
		02/05/2020 12:30	283	29	44
		03/05/2020 12:15	278	30	45
		04/14/2020 11:00	182	33	32
	05/01/2020 10:30	174	25	23	
	06/09/2020 10:15	187	27	27	
	LVW 5.3-6	07/09/2019 08:45	215	22	26
		08/08/2019 09:15	219	17	20
		09/05/2019 09:00	194	18	19
		10/10/2019 12:45	301	19	31
		11/14/2019 11:45	263	18	26
		12/05/2019 12:00	368	130	260
		01/13/2020 12:45	279	24	36
		02/05/2020 12:30	283	28	43
03/05/2020 12:15		278	30	45	
04/14/2020 11:00		182	34	33	
05/01/2020 10:30	174	24	23		
06/09/2020 10:15	187	28	28		
Calico Ridge	LVW 4.75-1	07/09/2019 08:00	220	69	82
		08/08/2019 08:15	242	58	76
		09/05/2019 08:30	204	61	67
		10/10/2019 11:45	210	69	78
		11/14/2019 13:30	301	58	94
		12/05/2019 11:15	292	94	150
		01/13/2020 12:00	247	59 J+	79
		02/05/2020 11:45	269	75	110
		03/05/2020 11:30	197	74	79
		04/14/2020 10:15	193	82	85
	05/01/2020 11:15	177	62	59	
	06/09/2020 10:45	184	72	72	
	LVW 4.75-2	07/09/2019 08:00	220	64	76
		08/08/2019 08:15	242	57	75
		09/05/2019 08:30	204	62	68
		10/10/2019 11:45	210	67	76
		11/14/2019 13:30	301	49	79
		12/05/2019 11:15	292	100	160
		01/13/2020 12:00	247	63 J+	84
		02/05/2020 11:45	269	70	100
03/05/2020 11:30		197	72	77	
04/14/2020 10:15		193	81	84	
05/01/2020 11:15	177	67	64		
06/09/2020 10:45	184	75	75		

TABLE 11: LAS VEGAS WASH PERCHLORATE MASS LOADING, JULY 2019 - JUNE 2020

Nevada Environmental Response Trust Site
Henderson, Nevada

Location Name	Sample Name	Sample Date and Time	Flow Rate (cfs)	Perchlorate Concentration (ug/L)	Perchlorate Loading (lbs/day)
Calico Ridge (cont.)	LVW 4.75-3	07/09/2019 08:00	220	33	39
		08/08/2019 08:15	242	45	59
		09/05/2019 08:30	204	54	59
		10/10/2019 11:45	210	52	59
		11/14/2019 13:30	301	34	55
		12/05/2019 11:15	292	98	150
		01/13/2020 12:00	247	42 J+	56
		02/05/2020 11:45	269	50	73
		03/05/2020 11:30	197	51	54
		04/14/2020 10:15	193	67	70
		05/01/2020 11:15	177	54	52
	06/09/2020 10:45	184	60	60	
	LVW 4.75-4	07/09/2019 08:00	220	31	37
		08/08/2019 08:15	242	29	38
		09/05/2019 08:30	204	34	37
		10/10/2019 11:45	210	36	41
		11/14/2019 13:30	301	29	47
		12/05/2019 11:15	292	89	140
		01/13/2020 12:00	247	37 J+	49
		02/05/2020 11:45	269	42	61
		03/05/2020 11:30	197	40	43
		04/14/2020 10:15	193	54	56
		05/01/2020 11:15	177	42	40
	06/09/2020 10:45	184	47	47	
	LVW 4.75-5	07/09/2019 08:00	220	34	40
		08/08/2019 08:15	242	27	35
		09/05/2019 08:30	204	34	37
		10/10/2019 11:45	210	35	40
		11/14/2019 13:30	301	29	47
		12/05/2019 11:15	292	82	130
		01/13/2020 12:00	247	48 J+	64
		02/05/2020 11:45	269	52	76
		03/05/2020 11:30	197	45	48
04/14/2020 10:15		193	57	59	
05/01/2020 11:15		177	41	39	
06/09/2020 10:45	184	49	49		
Homestead	LVW 4.2-1	07/09/2019 07:30	232	62	78
		08/08/2019 07:45	258	66	92
		09/05/2019 08:00	234	67	85
		10/10/2019 11:00	185	71	71
		11/14/2019 11:00	201	71	77
		12/05/2019 10:45	284	66	100
		01/13/2020 11:30	224	70 J+	85
		02/05/2020 11:00	235	80	100
		03/05/2020 09:30	210	71	80
		04/14/2020 09:30	207	80	89
		05/01/2020 11:45	187	64	65
06/09/2020 11:15	184	77	76		

TABLE 11: LAS VEGAS WASH PERCHLORATE MASS LOADING, JULY 2019 - JUNE 2020
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Location Name	Sample Name	Sample Date and Time	Flow Rate (cfs)	Perchlorate Concentration (ug/L)	Perchlorate Loading (lbs/day)
Homestead (cont.)	LVW 4.2-2	07/09/2019 07:30	232	52	65
		08/08/2019 07:45	258	56	78
		09/05/2019 08:00	234	62	78
		10/10/2019 11:00	185	69	69
		11/14/2019 11:00	201	61	66
		12/05/2019 10:45	284	74	110
		01/13/2020 11:30	224	54 J+	65
		02/05/2020 11:00	235	80	100
		03/05/2020 09:30	210	71	80
		04/14/2020 09:30	207	73	82
		05/01/2020 11:45	187	64	65
		06/09/2020 11:15	184	49	49
	LVW 4.2-3	07/09/2019 07:30	232	38	48
		08/08/2019 07:45	258	33	46
		09/05/2019 08:00	234	35	44
		10/10/2019 11:00	185	37	37
		11/14/2019 11:00	201	34	37
		12/05/2019 10:45	284	43	66
		01/13/2020 11:30	224	40 J+	48
		02/05/2020 11:00	235	55	70
		03/05/2020 09:30	210	54	61
		04/14/2020 09:30	207	48	54
		05/01/2020 11:45	187	64	65
		06/09/2020 11:15	184	49	49
	LVW 4.2-4	07/09/2019 07:30	232	28	35
		08/08/2019 07:45	258	25	35
		09/05/2019 08:00	234	29	37
		10/10/2019 11:00	185	34	34
		11/14/2019 11:00	201	29	31
		12/05/2019 10:45	284	41	63
		01/13/2020 11:30	224	35 J+	42
		02/05/2020 11:00	235	39	49
		03/05/2020 09:30	210	34	39
		04/14/2020 09:30	207	49	55
		05/01/2020 11:45	187	54	54
		06/09/2020 11:15	184	47	47
Rainbow Gardens	LVW 3.5-1	07/10/2019 08:30	230	63	78
		08/08/2019 07:00	284	58	89
		09/04/2019 11:00	193	74	77
		10/10/2019 09:45	205	63	70
		11/14/2019 09:15	232	54 J+	68
		12/05/2019 10:00	290	55	86
		01/13/2020 10:30	243	51 J+	67
		02/05/2020 10:15	271	69	100
		03/05/2020 08:30	253	67	91
		04/14/2020 08:30	200	61	66
		05/01/2020 12:15	167	84	76
06/09/2020 12:00	175	76	72		

TABLE 11: LAS VEGAS WASH PERCHLORATE MASS LOADING, JULY 2019 - JUNE 2020
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Location Name	Sample Name	Sample Date and Time	Flow Rate (cfs)	Perchlorate Concentration (ug/L)	Perchlorate Loading (lbs/day)
Rainbow Gardens (cont.)	LVW 3.5-2	07/10/2019 08:30	230	63	78
		08/08/2019 07:00	284	54	83
		09/04/2019 11:00	193	71	74
		10/10/2019 09:45	205	60	66
		11/14/2019 09:15	232	55	69
		12/05/2019 10:00	290	52	81
		01/13/2020 10:30	243	53 J+	69
		02/05/2020 10:15	271	68	99
		03/05/2020 08:30	253	56	76
		04/14/2020 08:30	200	60	65
		05/01/2020 12:15	167	84	76
	06/09/2020 12:00	175	76	72	
	LVW 3.5-3	07/10/2019 08:30	230	60	74
		08/08/2019 07:00	284	55	84
		09/04/2019 11:00	193	69	72
		10/10/2019 09:45	205	55	61
		11/14/2019 09:15	232	53	66
		12/05/2019 10:00	290	55	86
		01/13/2020 10:30	243	56 J+	73
		02/05/2020 10:15	271	67	98
		03/05/2020 08:30	253	58	79
		04/14/2020 08:30	200	57	61
		05/01/2020 12:15	167	83	75
	06/09/2020 12:00	175	72	68	
	LVW 3.5-4	07/10/2019 08:30	230	59	73
		08/08/2019 07:15	277	53	79
		09/04/2019 11:15	193	73	76
		10/10/2019 09:45	205	56	62
		11/14/2019 09:15	232	51	64
		12/05/2019 10:00	290	51	80
		01/13/2020 10:30	243	56 J+	73
		02/05/2020 10:15	271	62	91
		03/05/2020 08:30	253	55	75
		04/14/2020 08:30	200	73	79
		05/01/2020 12:15	167	80	72
	06/09/2020 12:00	175	73	69	
	LVW 3.5-5	07/10/2019 08:30	230	56	69
		08/08/2019 07:15	277	51	76
		09/04/2019 11:15	193	71	74
		10/10/2019 09:45	205	52	57
		11/14/2019 09:15	232	52	65
		12/05/2019 10:00	290	48	75
01/13/2020 10:30		243	54 J+	71	
02/05/2020 10:15		271	60	88	
03/05/2020 08:30		253	61	83	
04/14/2020 08:30		200	59	64	
05/01/2020 12:15	167	80	72		
06/09/2020 12:00	175	73	69		

TABLE 11: LAS VEGAS WASH PERCHLORATE MASS LOADING, JULY 2019 - JUNE 2020

Nevada Environmental Response Trust Site
Henderson, Nevada

Location Name	Sample Name	Sample Date and Time	Flow Rate (cfs)	Perchlorate Concentration (ug/L)	Perchlorate Loading (lbs/day)
Rainbow Gardens (cont.)	LVW 3.5-6	07/10/2019 08:30	230	57	71
		08/08/2019 07:15	277	51	76
		09/04/2019 11:15	193	68	71
		10/10/2019 09:45	205	47	52
		11/14/2019 09:15	232	53	66
		12/05/2019 10:00	290	47	74
		01/13/2020 10:30	243	49 J+	64
		02/05/2020 10:15	271	58	85
		03/05/2020 08:30	253	53	72
		04/14/2020 08:30	200	65	70
		05/01/2020 12:15	167	80	72
06/09/2020 12:00	175	73	69		
Northshore Road	LVW 0.55	07/01/2019 09:45	261	52	73
		07/10/2019 08:00	277	51	76
		07/10/2019 08:00	277	48	72
		08/09/2019 09:00	258	47	65
		08/09/2019 09:00	258	48	67
		08/14/2019 08:30	255	53	73
		09/03/2019 10:00	218	74	87
		09/04/2019 09:00	241	54	70
		10/01/2019 07:45	266	60	86
		10/10/2019 09:00	243	44	58
		11/04/2019 12:00	215	68	79
		11/14/2019 08:30	263	45	64
		12/02/2019 10:30	237	62	79
		12/05/2019 09:15	352	34	65
		01/08/2020 12:45	237	120	150
		01/13/2020 09:45	237	58	74
		01/13/2020 09:45	237	57	73
		02/03/2020 10:45	232	61	76
		02/05/2020 08:45	266	50	72
		02/05/2020 08:45	266	50	72
		03/02/2020 11:00	646	98	340
		03/02/2020 11:00	646	95	330
		03/05/2020 07:45	268	53	77
		03/05/2020 07:45	268	53	77
		04/06/2020 10:30	207	63	70
		04/14/2020 08:00	228	52	64
		04/14/2020 08:00	228	53	65
		05/01/2020 13:00	183	69	68
		05/01/2020 13:00	183	69	68
		05/04/2020 11:00	199	74	79
06/01/2020 10:45	214	64	74		
06/09/2020 13:00	201	68	74		
06/09/2020 13:00	201	68	74		

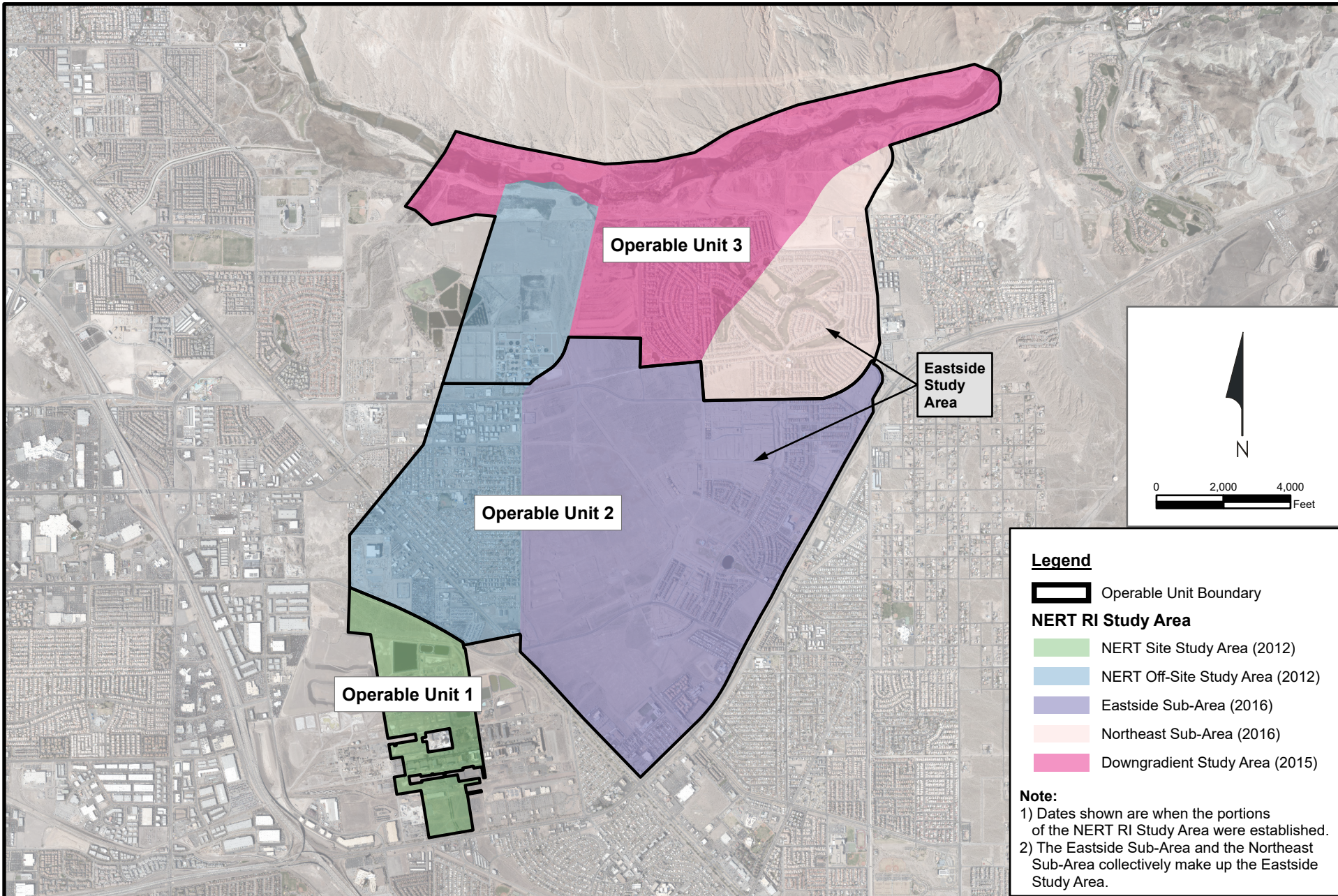
Notes:

¹ Flow rates used to calculate mass loading estimates were obtained from the USGS website on September 29, 2020.

² December 2019 perchlorate concentrations at LVW 6.6 (Sunrise Mountain), LVW 5.3 (Historic Lateral), and LVW 4.75 (Calico Ridge) are higher than usual because the AMPAC plant was offline from December 3rd to 5th.

³ The flow rate at LVW 0.55 (Northshore Road) on March 2, 2020 is anomalous. The perchlorate loading was not included in the calculated average presented in Table 10.

FIGURES



NERT Remedial Investigation Study Area Operable Units
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
1

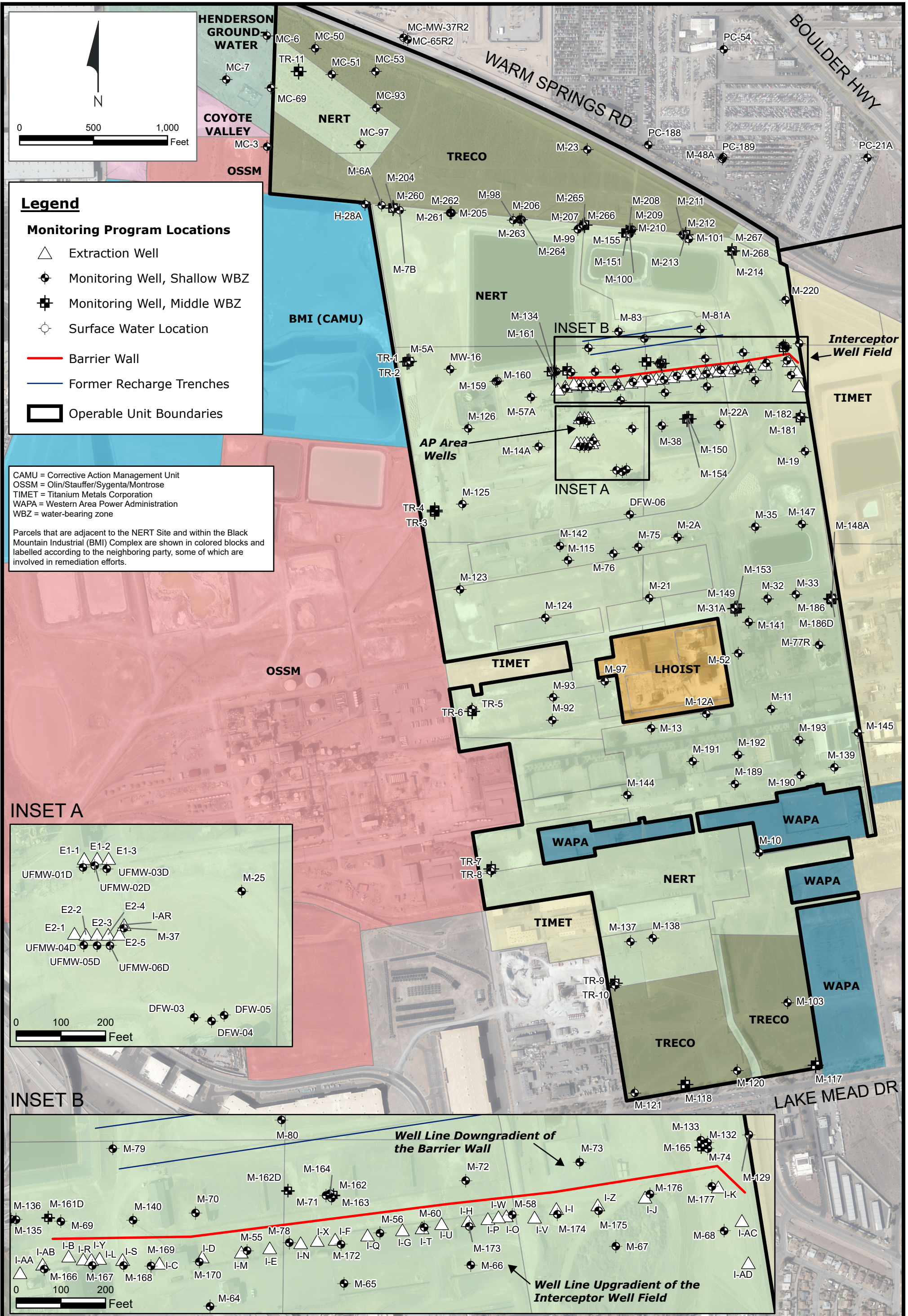
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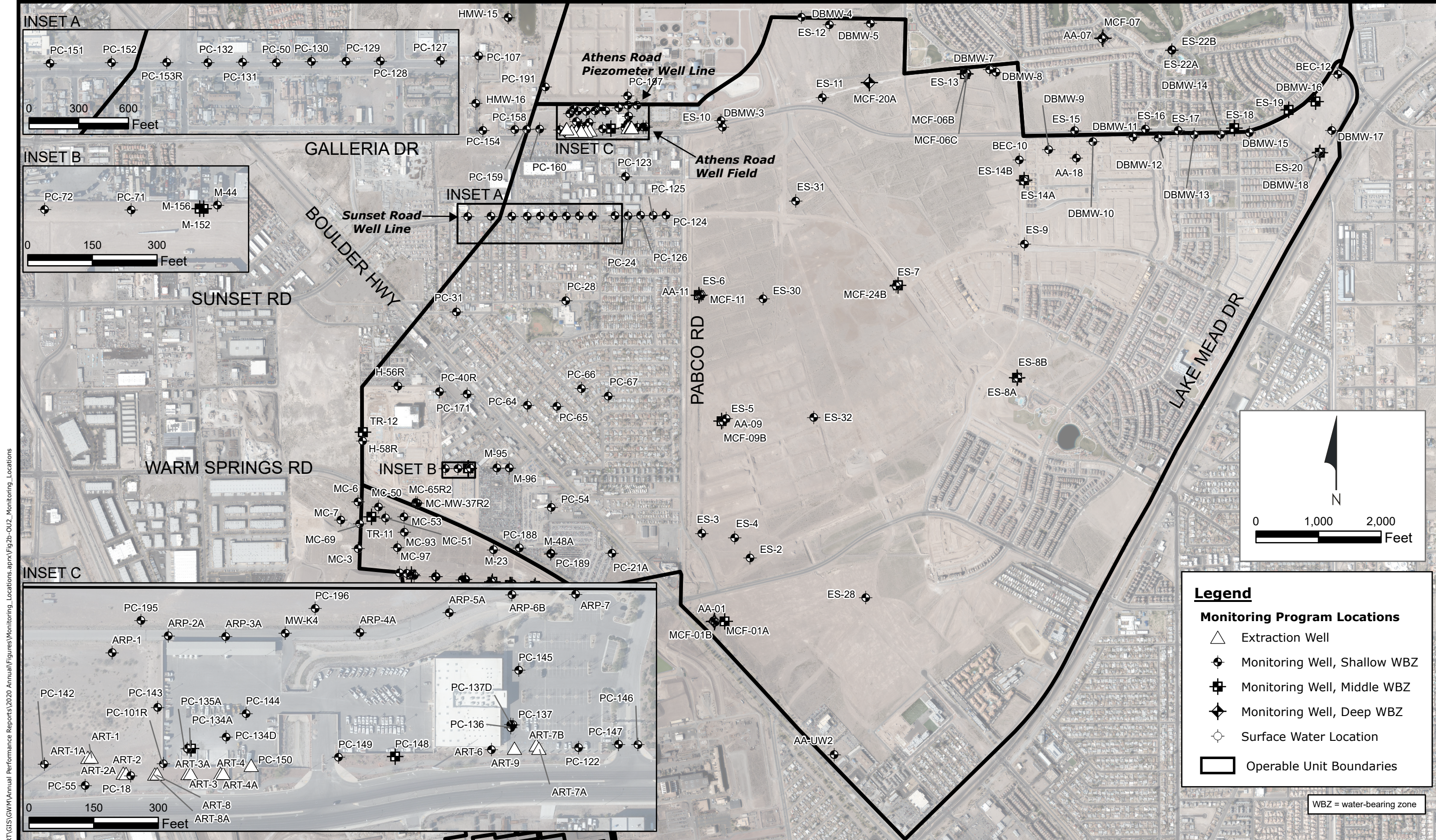
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Contract Number: 16900016062

Approved:

Revised:



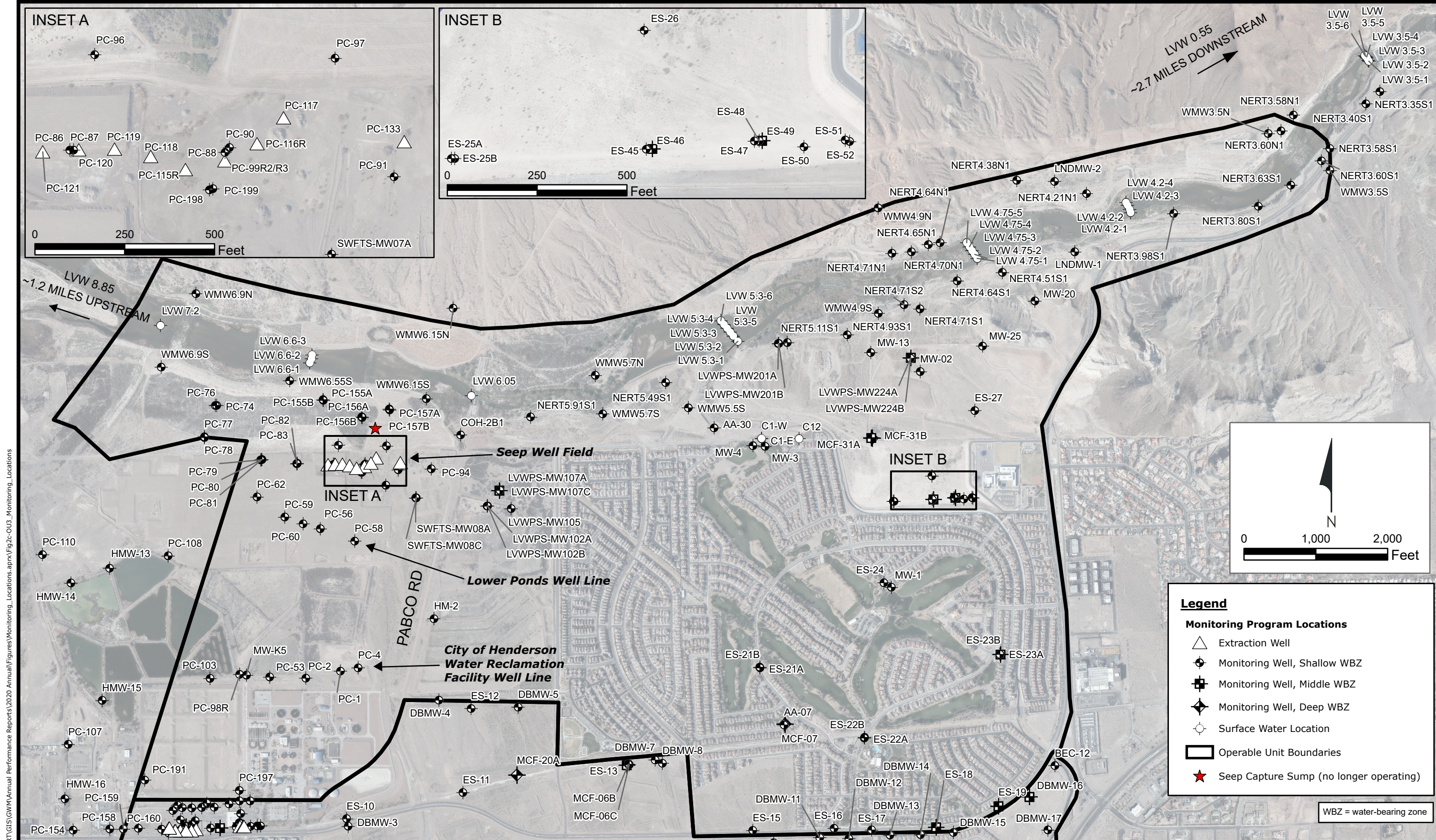


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Groundwater Monitoring Locations, OU-2 (July 2019 - June 2020)
 Nevada Environmental Response Trust Site
 Henderson, Nevada

FIGURE 2b



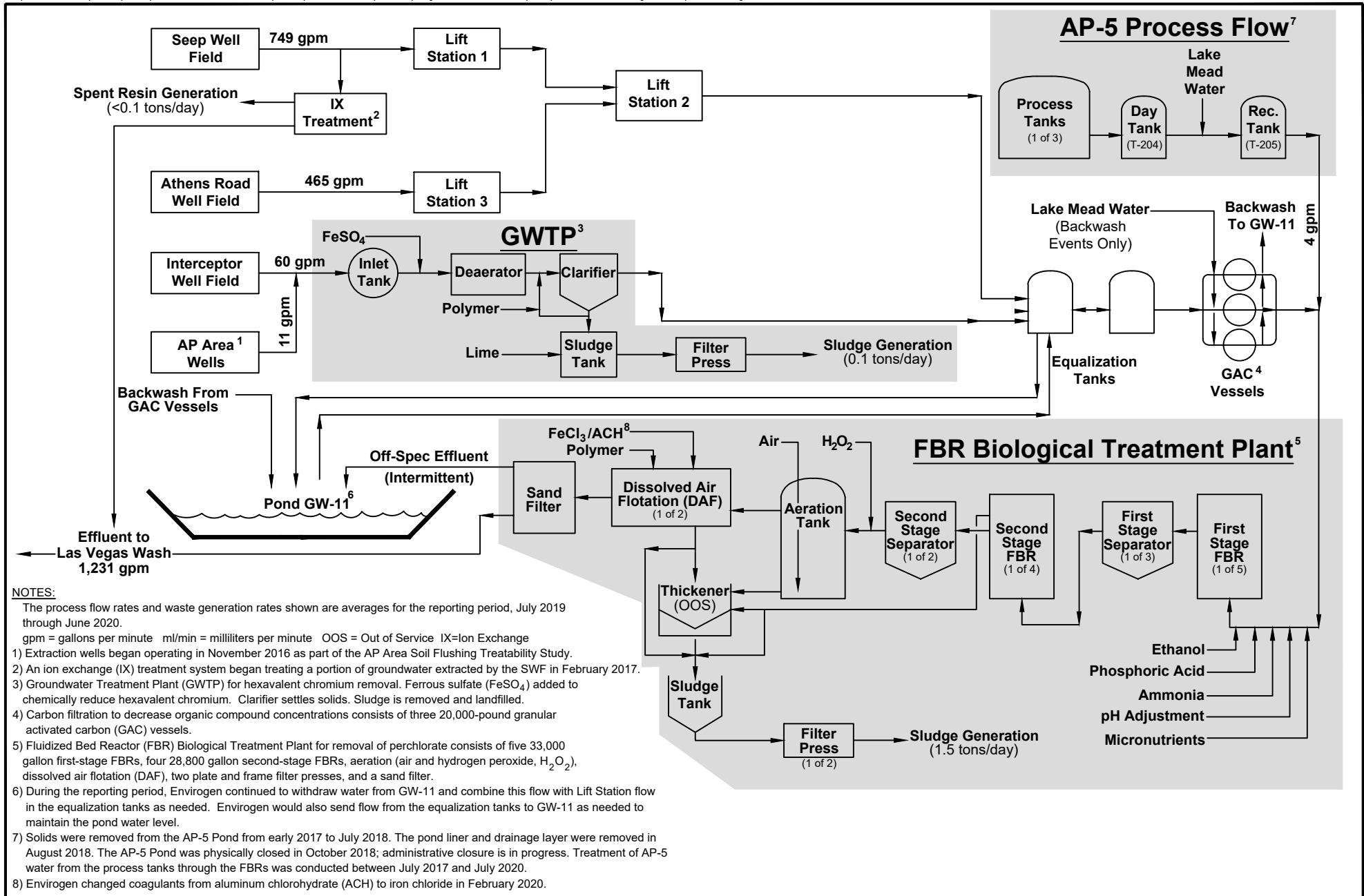
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Groundwater Monitoring Locations, OU-3 (July 2019 - June 2020)
 Nevada Environmental Response Trust Site
 Henderson, Nevada

FIGURE 2c

WBZ = water-bearing zone

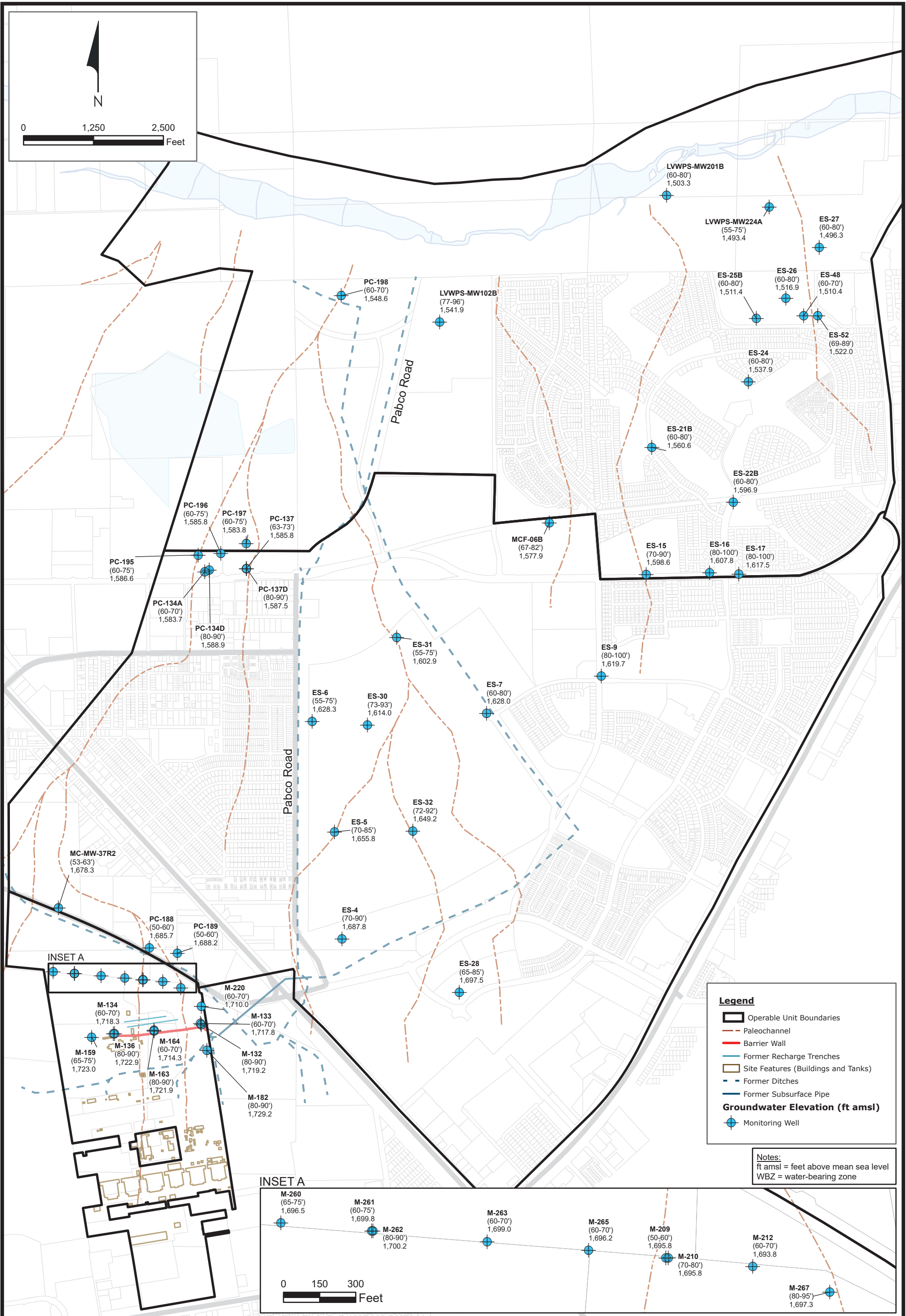


- NOTES:**
 The process flow rates and waste generation rates shown are averages for the reporting period, July 2019 through June 2020.
 gpm = gallons per minute ml/min = milliliters per minute OOS = Out of Service IX=Ion Exchange
- 1) Extraction wells began operating in November 2016 as part of the AP Area Soil Flushing Treatability Study.
 - 2) An ion exchange (IX) treatment system began treating a portion of groundwater extracted by the SWF in February 2017.
 - 3) Groundwater Treatment Plant (GWTP) for hexavalent chromium removal. Ferrous sulfate ($FeSO_4$) added to chemically reduce hexavalent chromium. Clarifier settles solids. Sludge is removed and landfilled.
 - 4) Carbon filtration to decrease organic compound concentrations consists of three 20,000-pound granular activated carbon (GAC) vessels.
 - 5) Fluidized Bed Reactor (FBR) Biological Treatment Plant for removal of perchlorate consists of five 33,000 gallon first-stage FBRs, four 28,800 gallon second-stage FBRs, aeration (air and hydrogen peroxide, H_2O_2), dissolved air flotation (DAF), two plate and frame filter presses, and a sand filter.
 - 6) During the reporting period, Envirogen continued to withdraw water from GW-11 and combine this flow with Lift Station flow in the equalization tanks as needed. Envirogen would also send flow from the equalization tanks to GW-11 as needed to maintain the pond water level.
 - 7) Solids were removed from the AP-5 Pond from early 2017 to July 2018. The pond liner and drainage layer were removed in August 2018. The AP-5 Pond was physically closed in October 2018; administrative closure is in progress. Treatment of AP-5 water from the process tanks through the FBRs was conducted between July 2017 and July 2020.
 - 8) Envirogen changed coagulants from aluminum chlorohydrate (ACH) to iron chloride in February 2020.



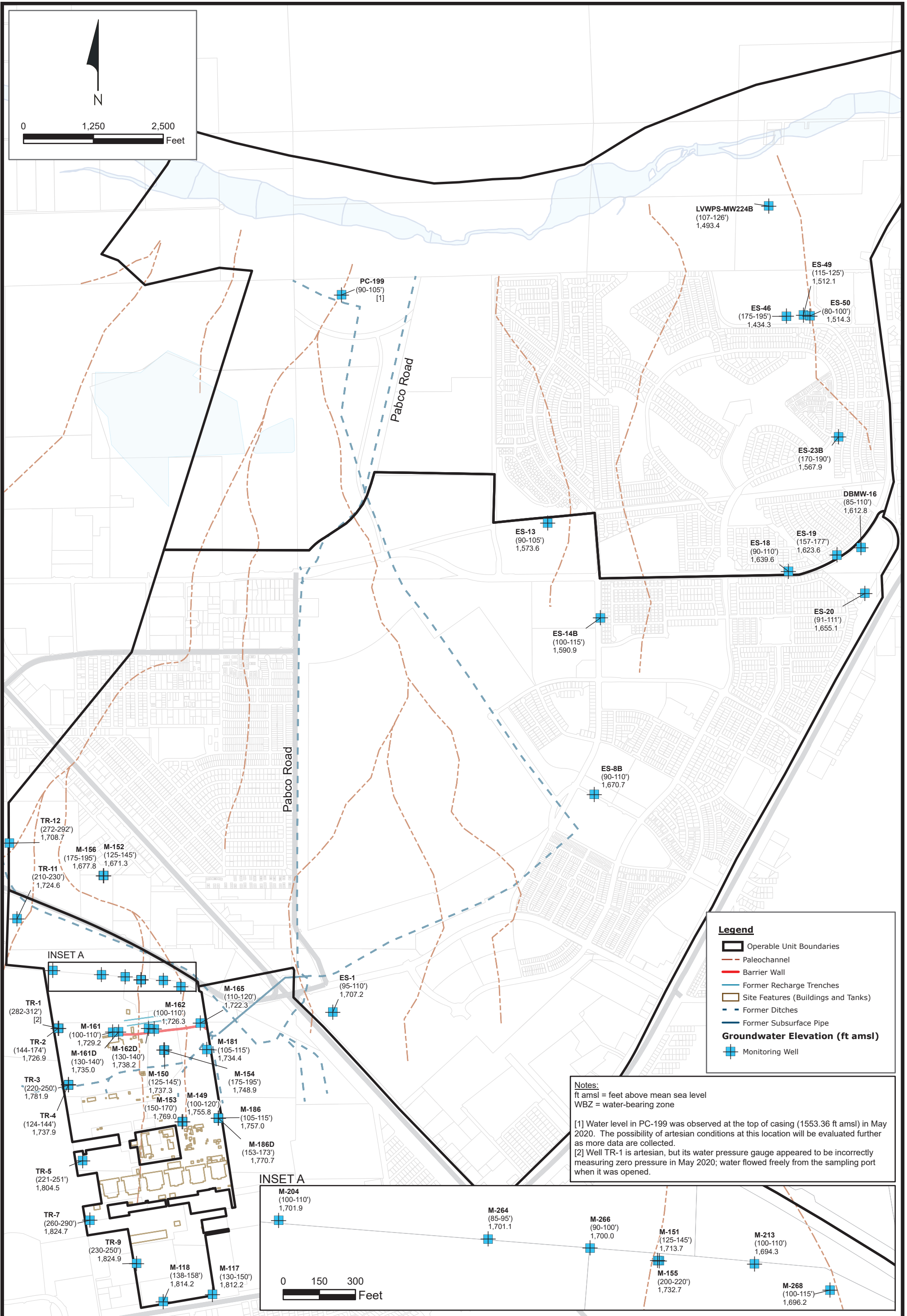
Groundwater Extraction and Treatment System (GWETS) Flow Diagram
 Nevada Environmental Response Trust (NERT)
 Henderson, Nevada

Figure
3



Groundwater Elevation in Lower Shallow WBZ
July 2019 - June 2020 Annual Performance Report
 Nevada Environmental Response Trust Site
 Henderson, Nevada

FIGURE
4a



Legend

Operable Unit Boundaries

Upward Vertical Gradient (ft/ft)

- >0.3
- 0.2 - 0.3
- 0.05 - 0.2

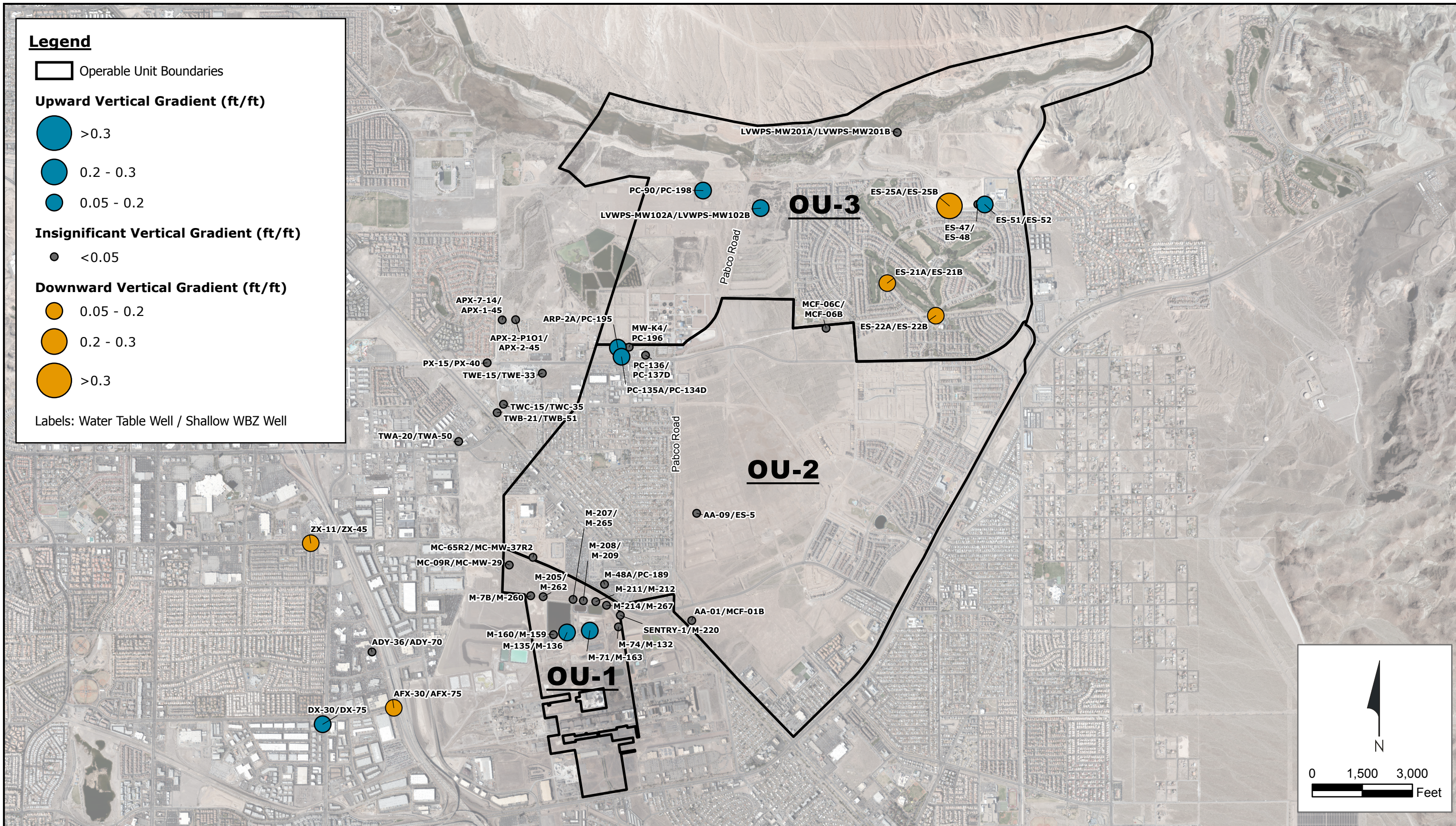
Insignificant Vertical Gradient (ft/ft)

- <0.05

Downward Vertical Gradient (ft/ft)

- 0.05 - 0.2
- 0.2 - 0.3
- >0.3

Labels: Water Table Well / Shallow WBZ Well



Vertical Gradient Evaluation - Water Table vs Lower Shallow WBZ
Nevada Environmental Response Trust Site
Henderson, Nevada

Drafter: JDK

Date: 1/27/2021

Contract Number: 1690011198-031

Approved:

Revised:

Figure
5a

Path: H:\LePetomane\NERT\GIS\GWM\Annual Performance Reports\2020 Annual\Figures\Vertical_Gradient_nots.aprx\Fig3a-VertGradient_ShallowWBZ_2020Annual

Legend

Operable Unit Boundaries

Upward Vertical Gradient (ft/ft)

- >0.3
- 0.2 - 0.3
- 0.05 - 0.2

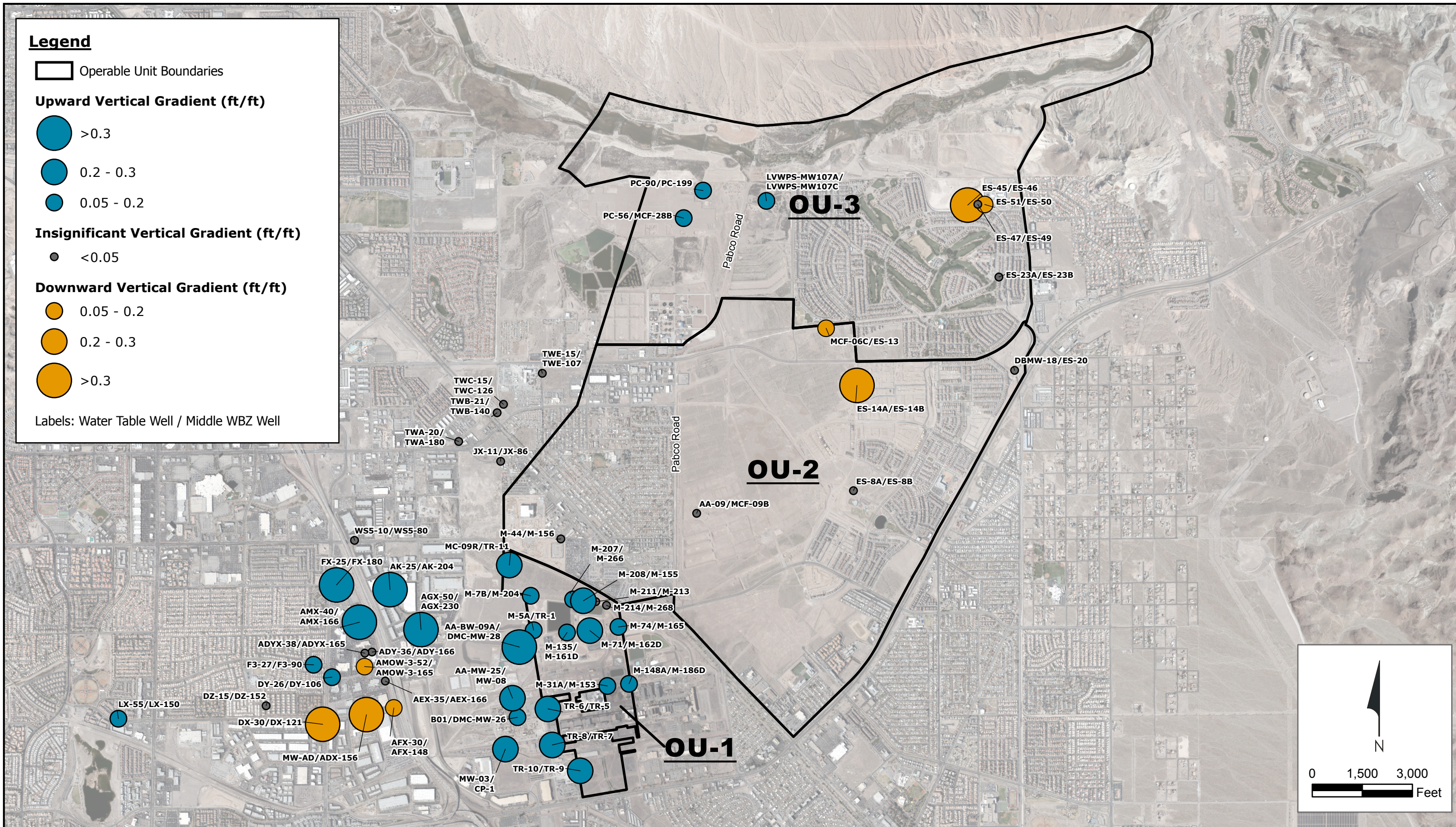
Insignificant Vertical Gradient (ft/ft)

- <0.05

Downward Vertical Gradient (ft/ft)

- 0.05 - 0.2
- 0.2 - 0.3
- >0.3

Labels: Water Table Well / Middle WBZ Well



Vertical Gradient Evaluation - Water Table vs Middle WBZ
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Drafter: JDK

Date: 1/27/2021

Contract Number: 1690011198-031

Approved:

Revised:

Figure
5b

Legend

Operable Unit Boundaries

Upward Vertical Gradient (ft/ft)

- >0.3
- 0.2 - 0.3
- 0.05 - 0.2

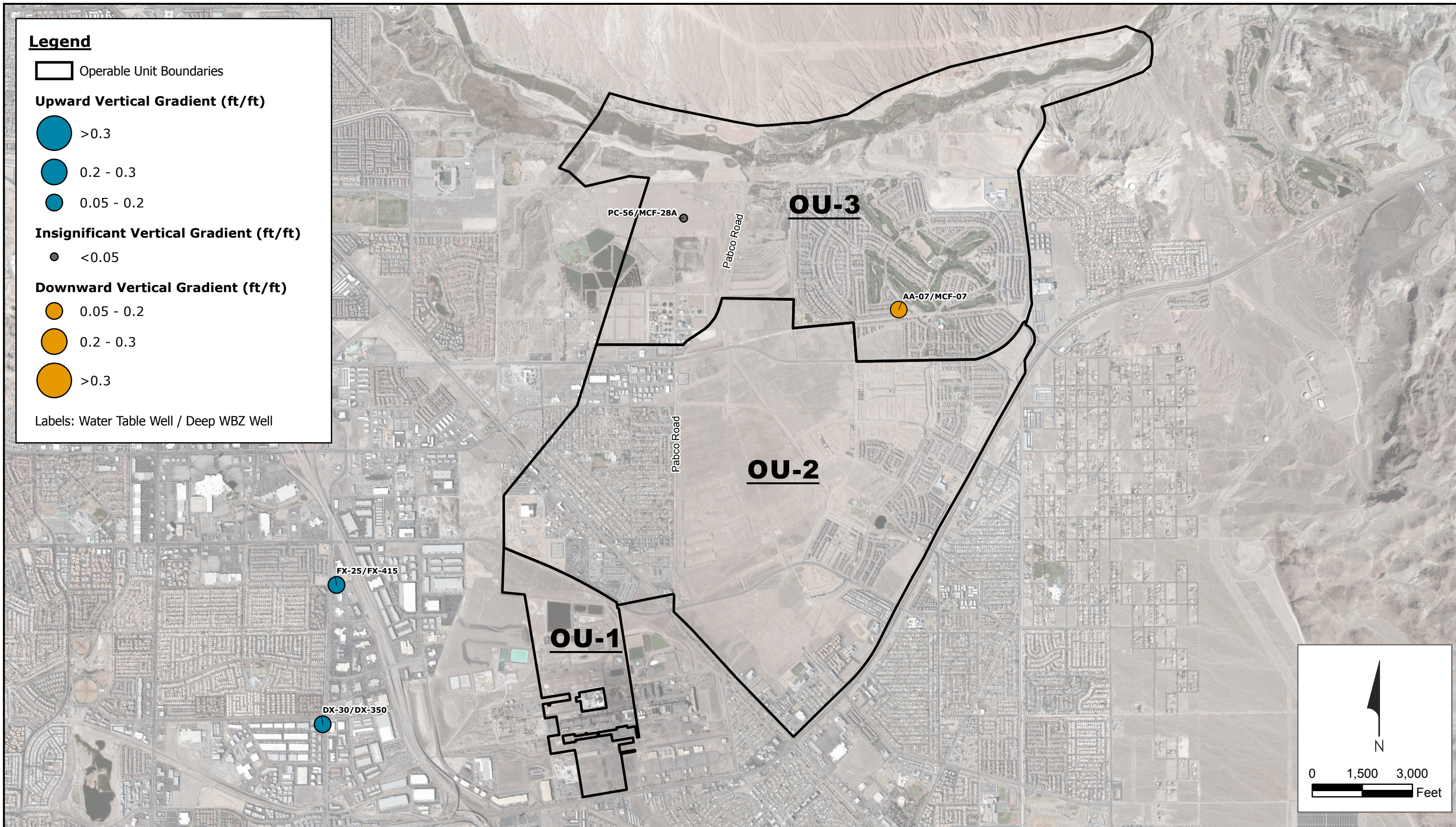
Insignificant Vertical Gradient (ft/ft)

- <0.05

Downward Vertical Gradient (ft/ft)

- 0.05 - 0.2
- 0.2 - 0.3
- >0.3

Labels: Water Table Well / Deep WBZ Well



Vertical Gradient Evaluation - Water Table vs Deep WBZ
Nevada Environmental Response Trust Site
Henderson, Nevada

Drafter: JDK

Date: 1/27/2021

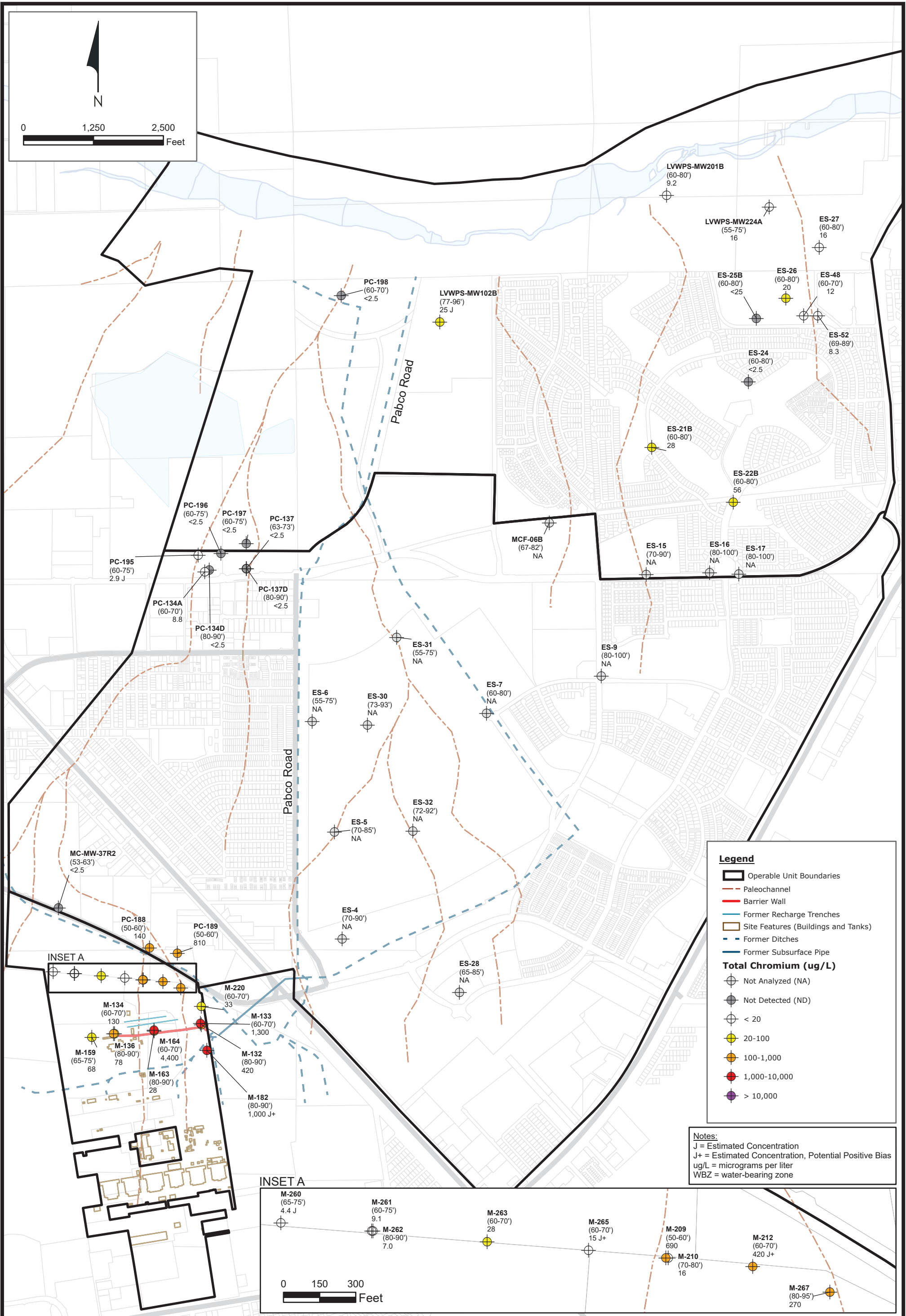
Contract Number: 1690011198-031

Approved:

Revised:

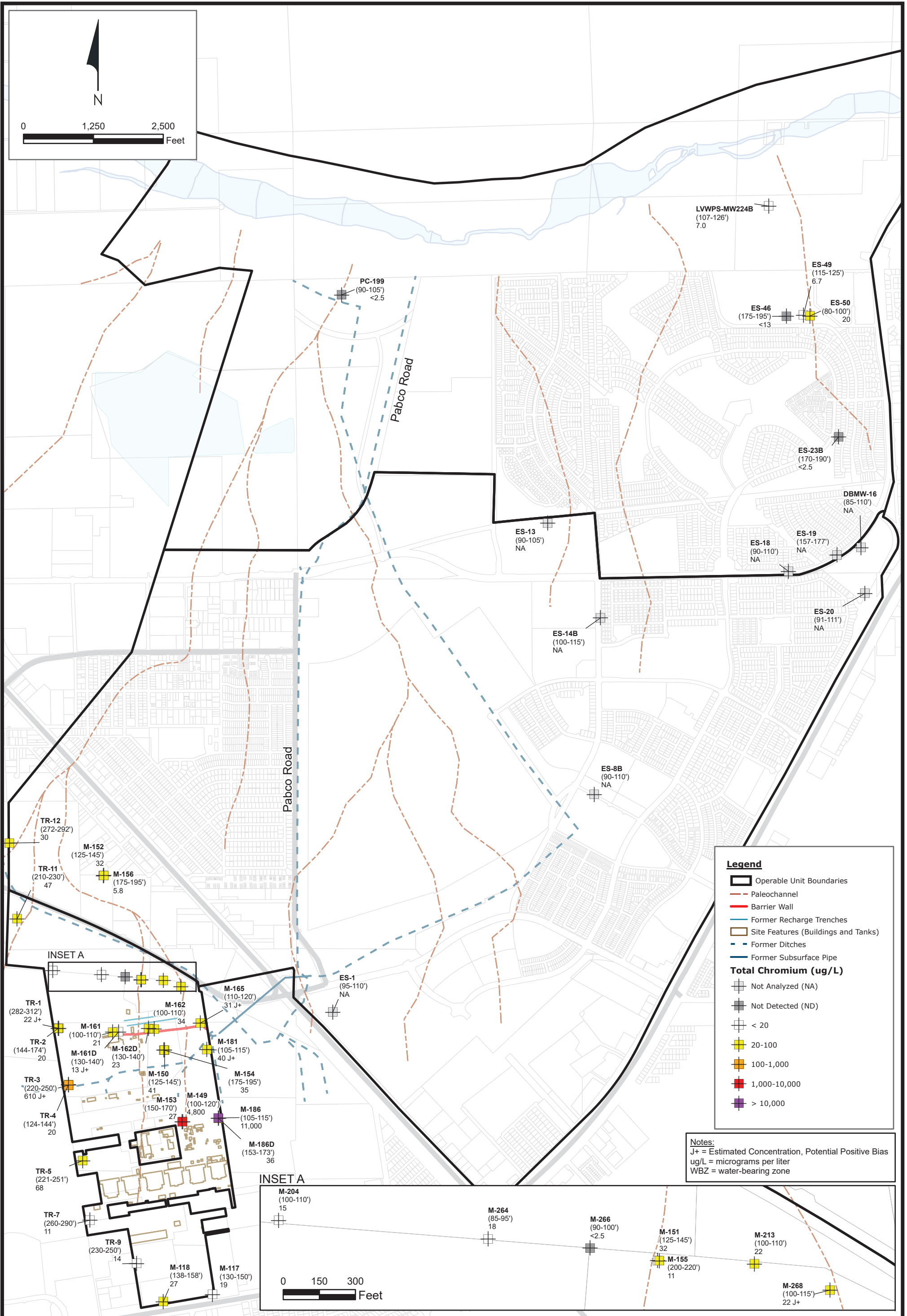
Figure
5c

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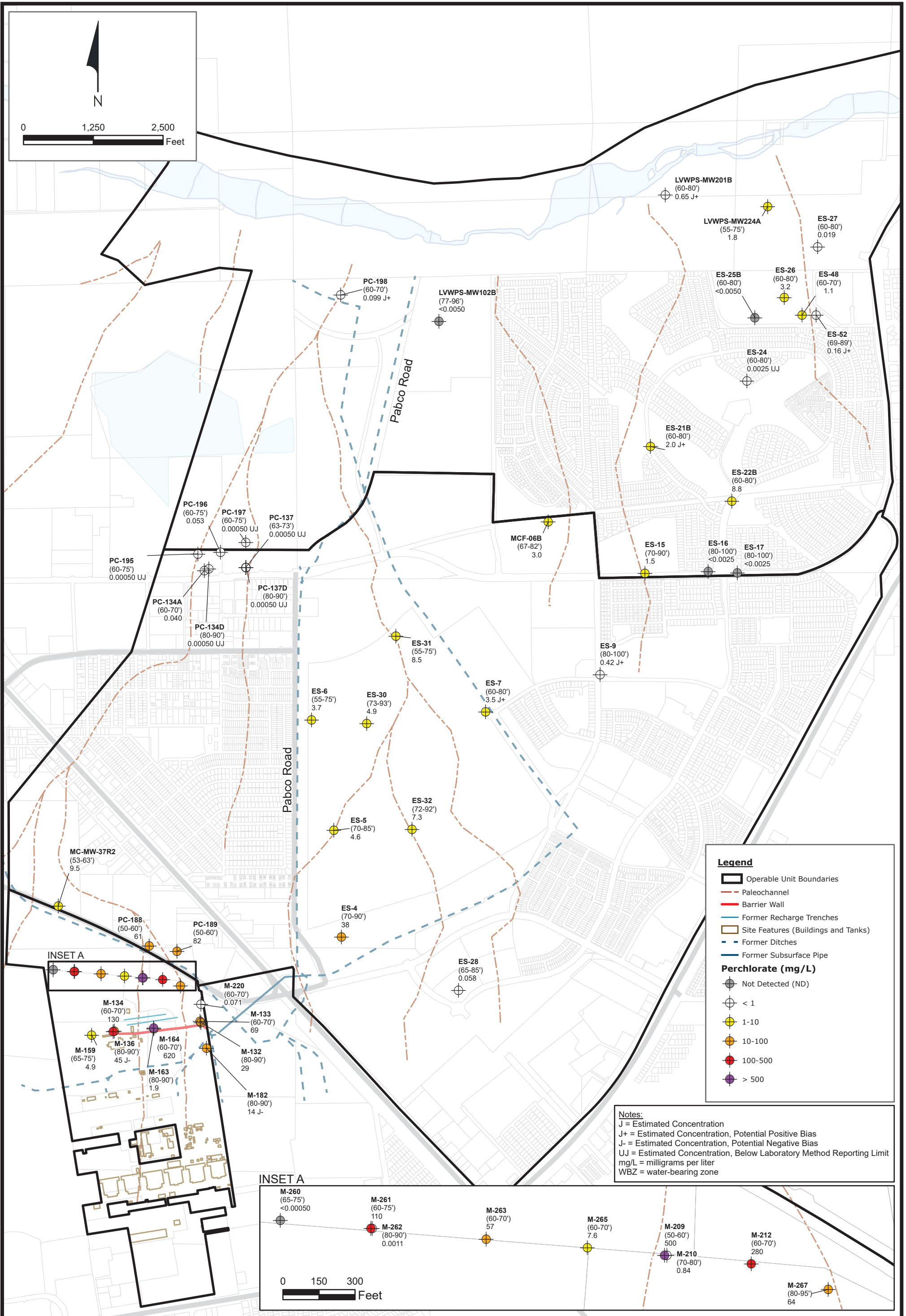
Total Chromium in Lower Shallow WBZ
July 2019 - June 2020 Annual Performance Report
 Nevada Environmental Response Trust Site
 Henderson, Nevada

FIGURE
6a



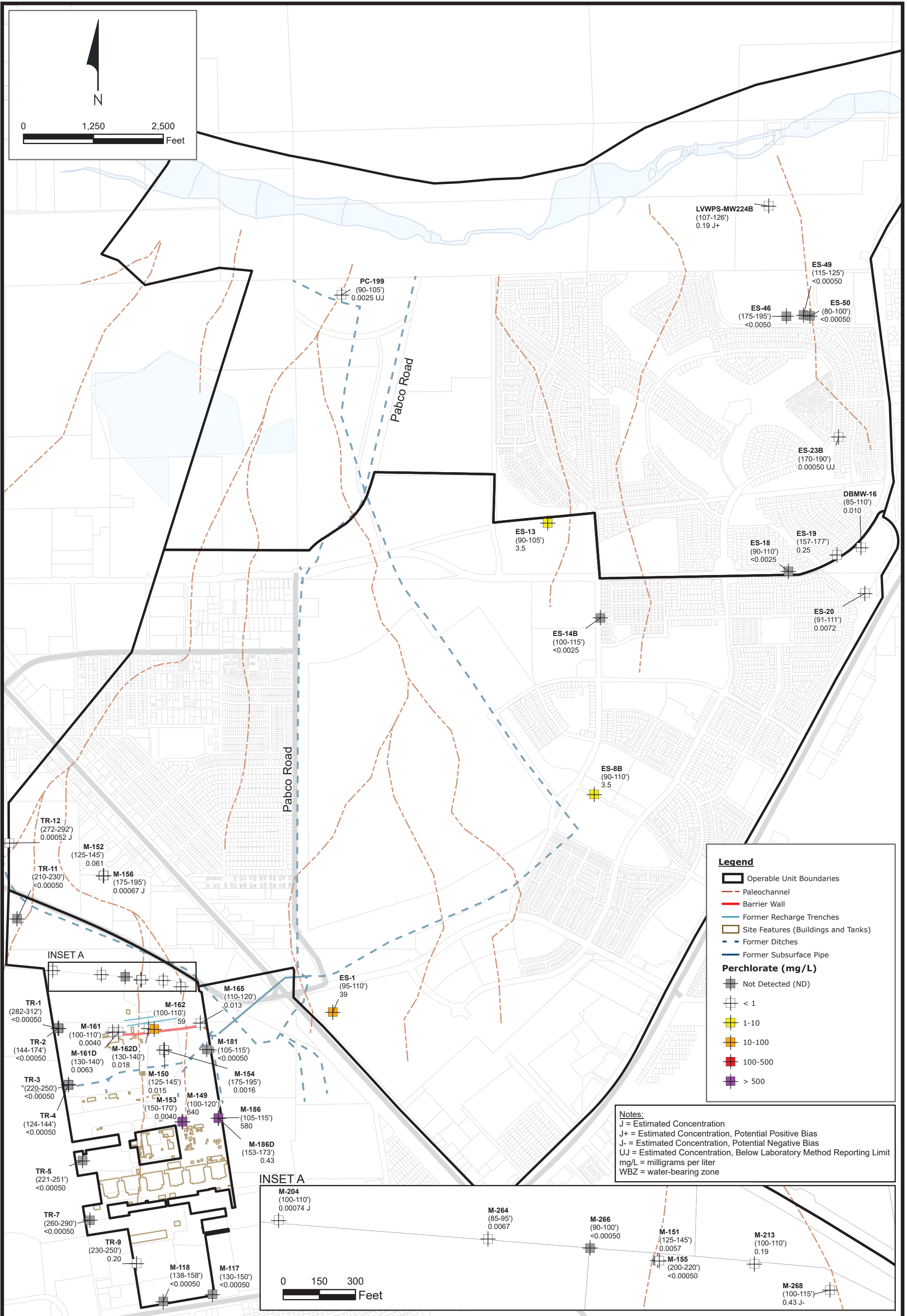
Total Chromium in Middle WBZ
July 2019 - June 2020 Annual Performance Report
 Nevada Environmental Response Trust Site
 Henderson, Nevada

FIGURE
6b



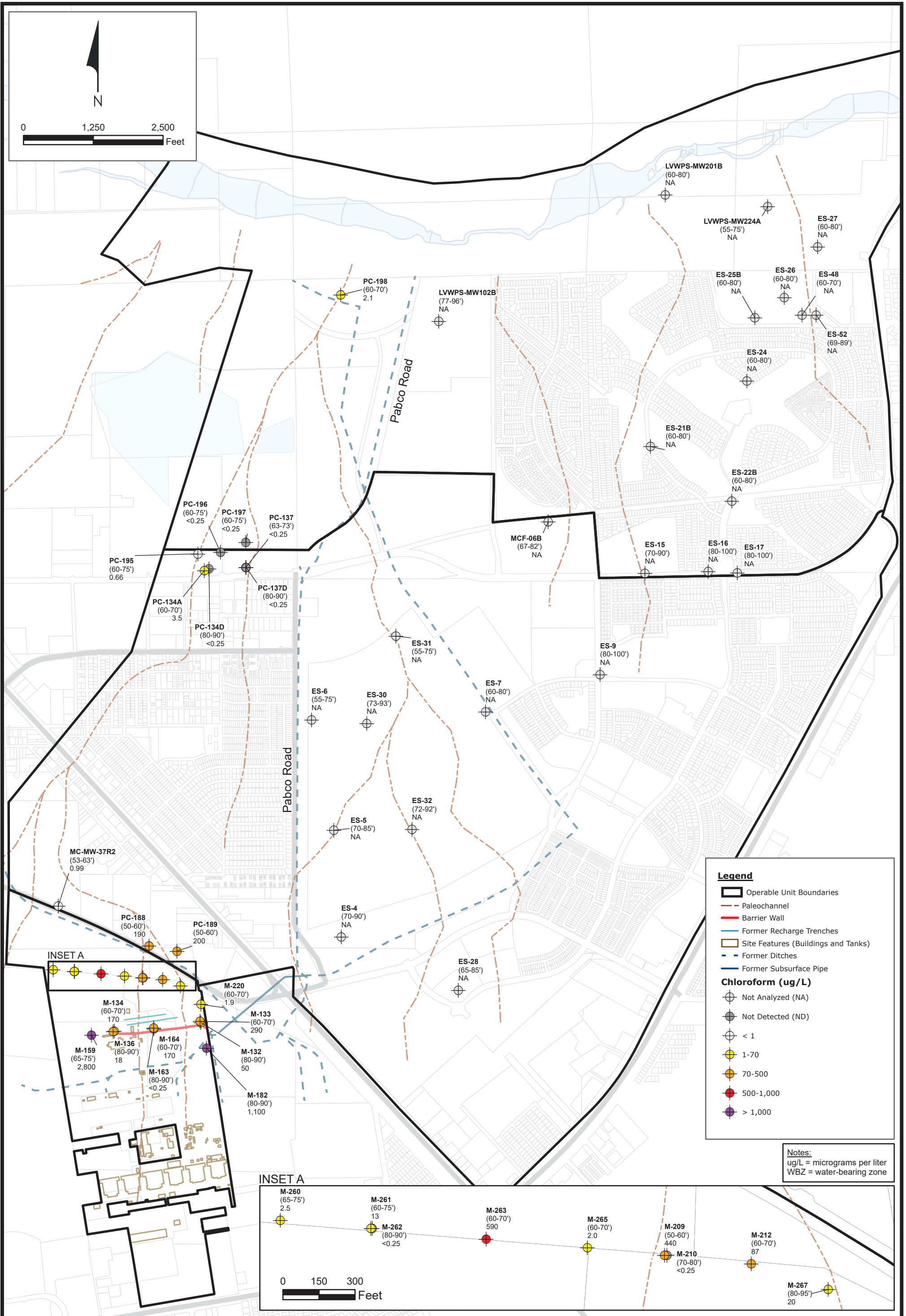
Perchlorate in Lower Shallow WBZ
July 2019 - June 2020 Annual Performance Report
 Nevada Environmental Response Trust Site
 Henderson, Nevada

FIGURE
7a



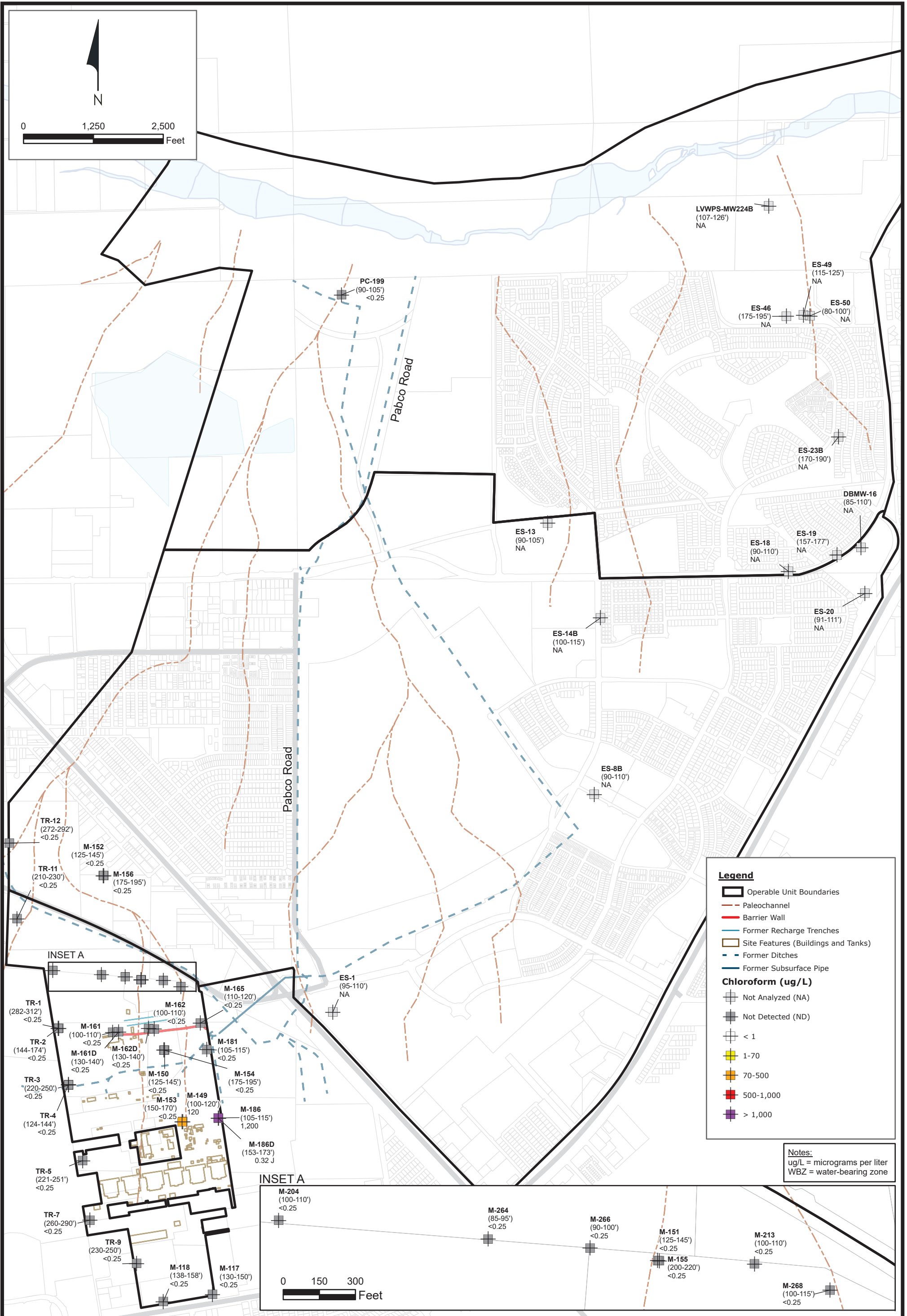
Perchlorate in Middle WBZ
July 2019 - June 2020 Annual Performance Report
 Nevada Environmental Response Trust Site
 Henderson, Nevada

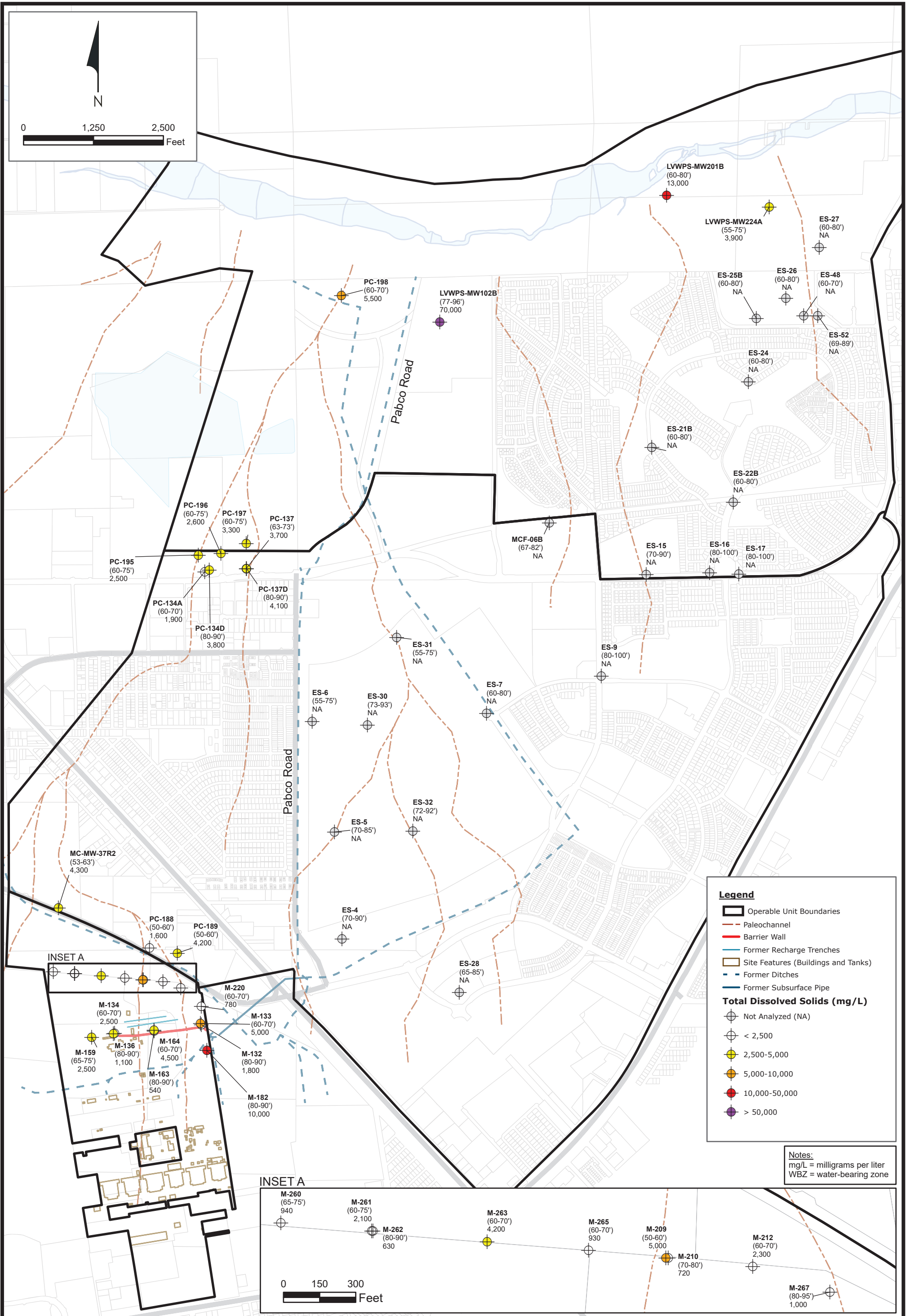
FIGURE
7b



Chloroform in Lower Shallow WBZ
July 2019 - June 2020 Annual Performance Report
 Nevada Environmental Response Trust Site
 Henderson, Nevada

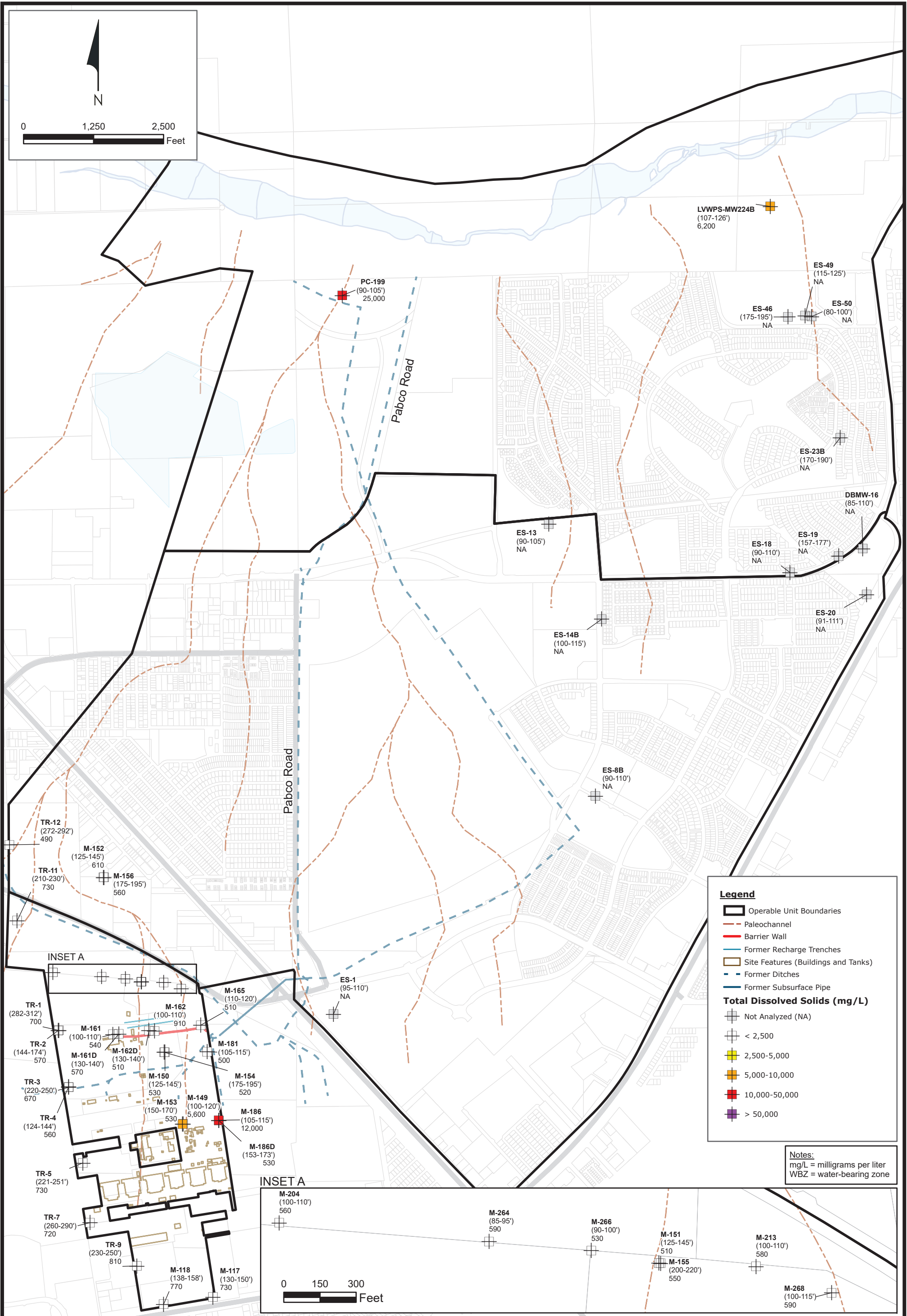
FIGURE
8a





Total Dissolved Solids in Lower Shallow WBZ
July 2019 - June 2020 Annual Performance Report
 Nevada Environmental Response Trust Site
 Henderson, Nevada

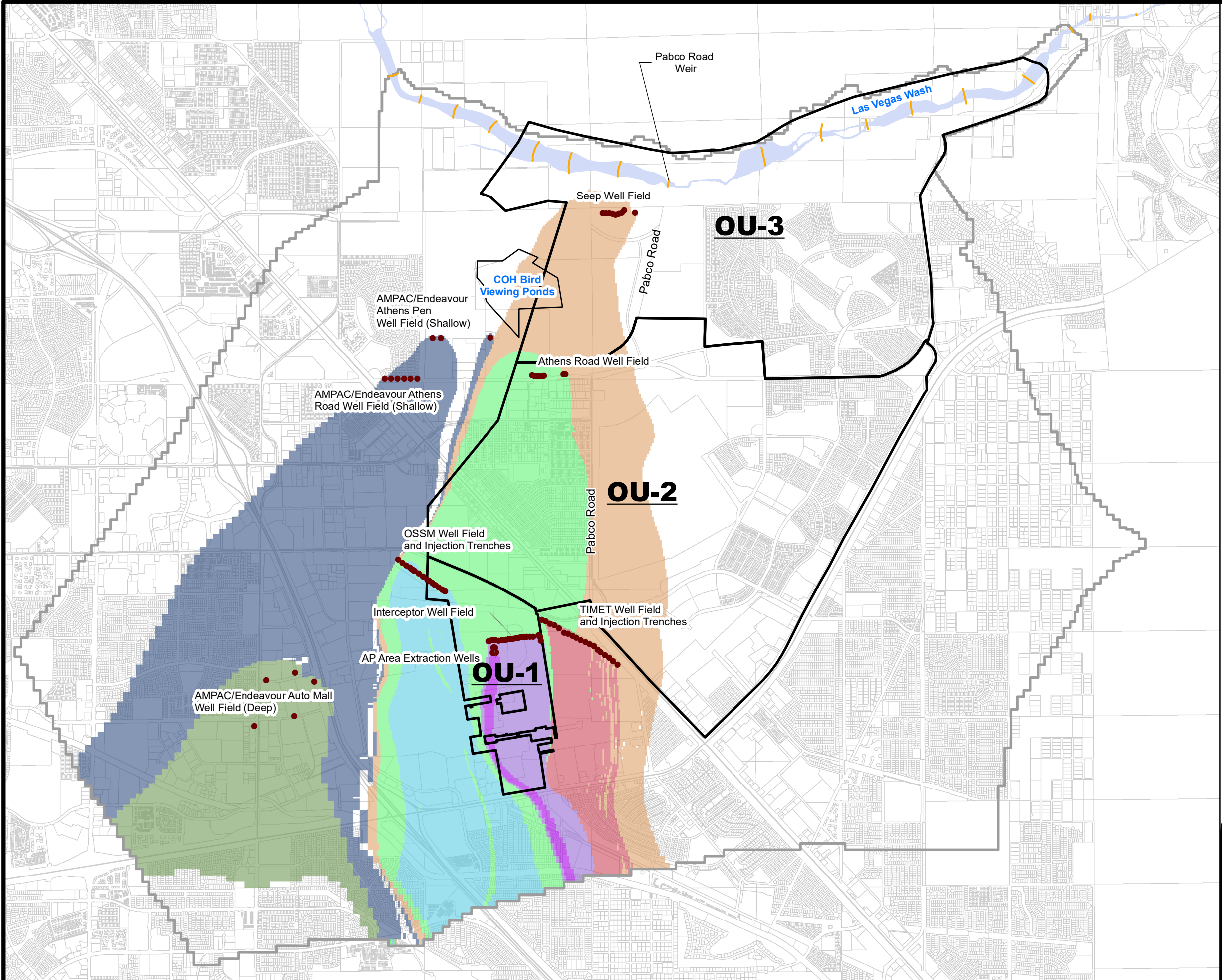
FIGURE
9a



Total Dissolved Solids in Middle WBZ
July 2019 - June 2020 Annual Performance Report
 Nevada Environmental Response Trust Site
 Henderson, Nevada

FIGURE
9b

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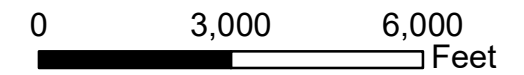
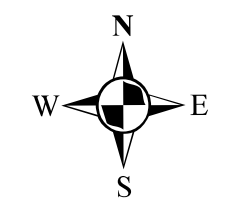
Legend

- Extraction Wells
- Injection Trenches
- Weirs
- ▭ Operable Unit Boundaries
- ▭ Phase 6 Model Boundary
- ▭ Las Vegas Wash

Capture Zone

- ▭ AP Area Extraction Well
- ▭ Interceptor Well Field
- ▭ Athens Road Well Field
- ▭ Seep Well Field
- ▭ OSSM Well Field
- ▭ TIMET Well Field
- ▭ AMPAC/Endeavour - Shallow Extraction
- ▭ AMPAC/Endeavour - Deep Extraction

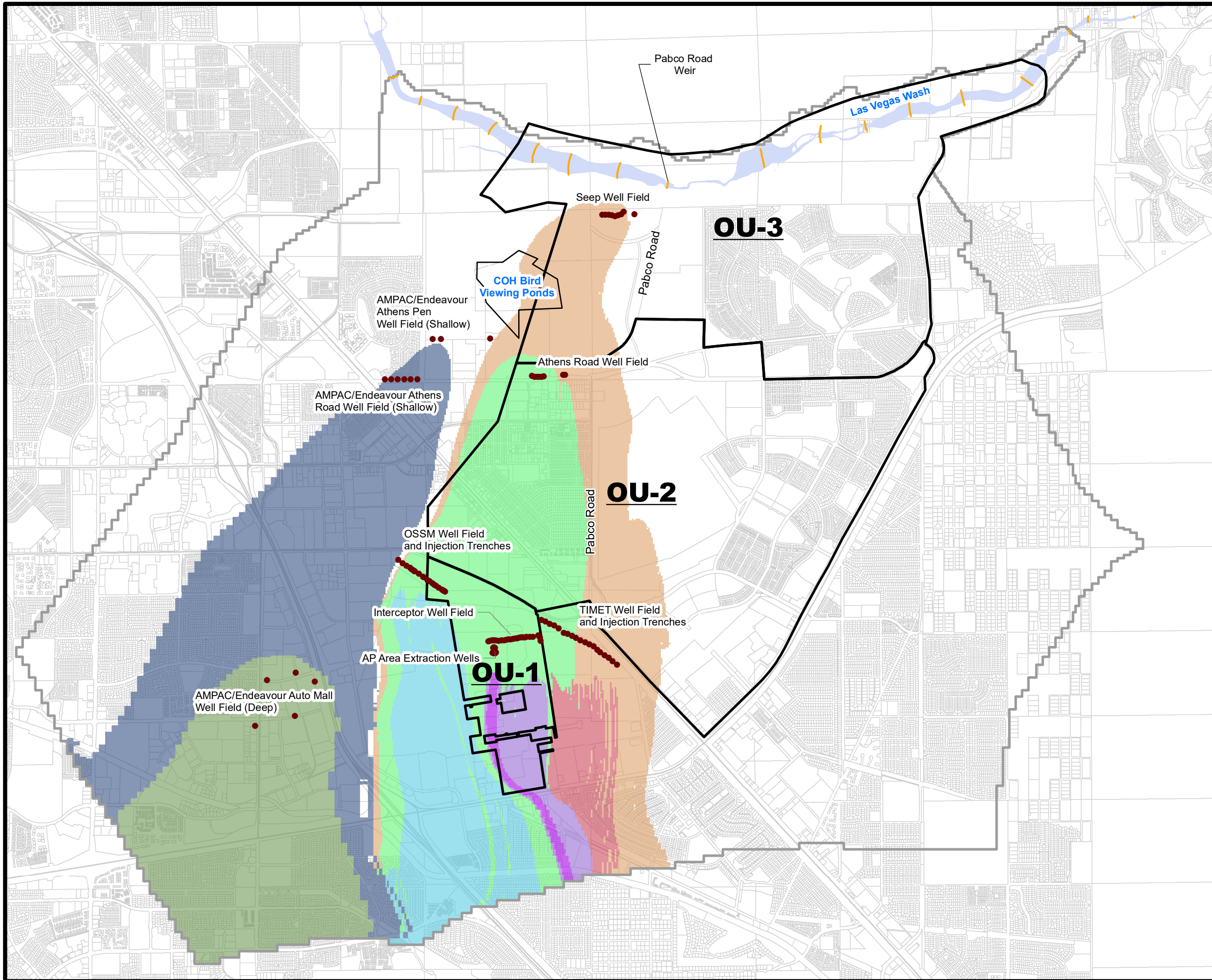
AMPAC/Endeavour = American Pacific Corporation/Endeavour LLC
 OSSM = Olin/Stauffer/Syngenta/Montrose
 TIMET = Titanium Metals Corporation
 COH = City of Henderson



Shallow WBZ Capture Zones
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Date: 2020/11/23	Contract Number: 1690016062-019	Figure
Drafter: KZ	Approved:	Revised:

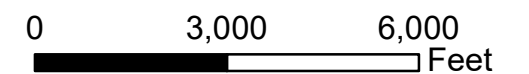
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Legend

- Extraction Wells
 - Injection Trenches
 - Weirs
 - ▭ Operable Unit Boundaries
 - ▭ Phase 6 Model Boundary
 - ▭ Las Vegas Wash
- ### Capture Zone
- ▭ AP Area Extraction Well
 - ▭ Interceptor Well Field
 - ▭ Athens Road Well Field
 - ▭ Seep Well Field
 - ▭ OSSM Well Field
 - ▭ TIMET Well Field
 - ▭ AMPAC/Endeavour - Shallow Extraction
 - ▭ AMPAC/Endeavour - Deep Extraction

AMPAC/Endeavour = American Pacific Corporation/Endeavour LLC
 OSSM = Olin/Stauffer/Syngenta/Montrose
 TIMET = Titanium Metals Corporation
 COH = City of Henderson



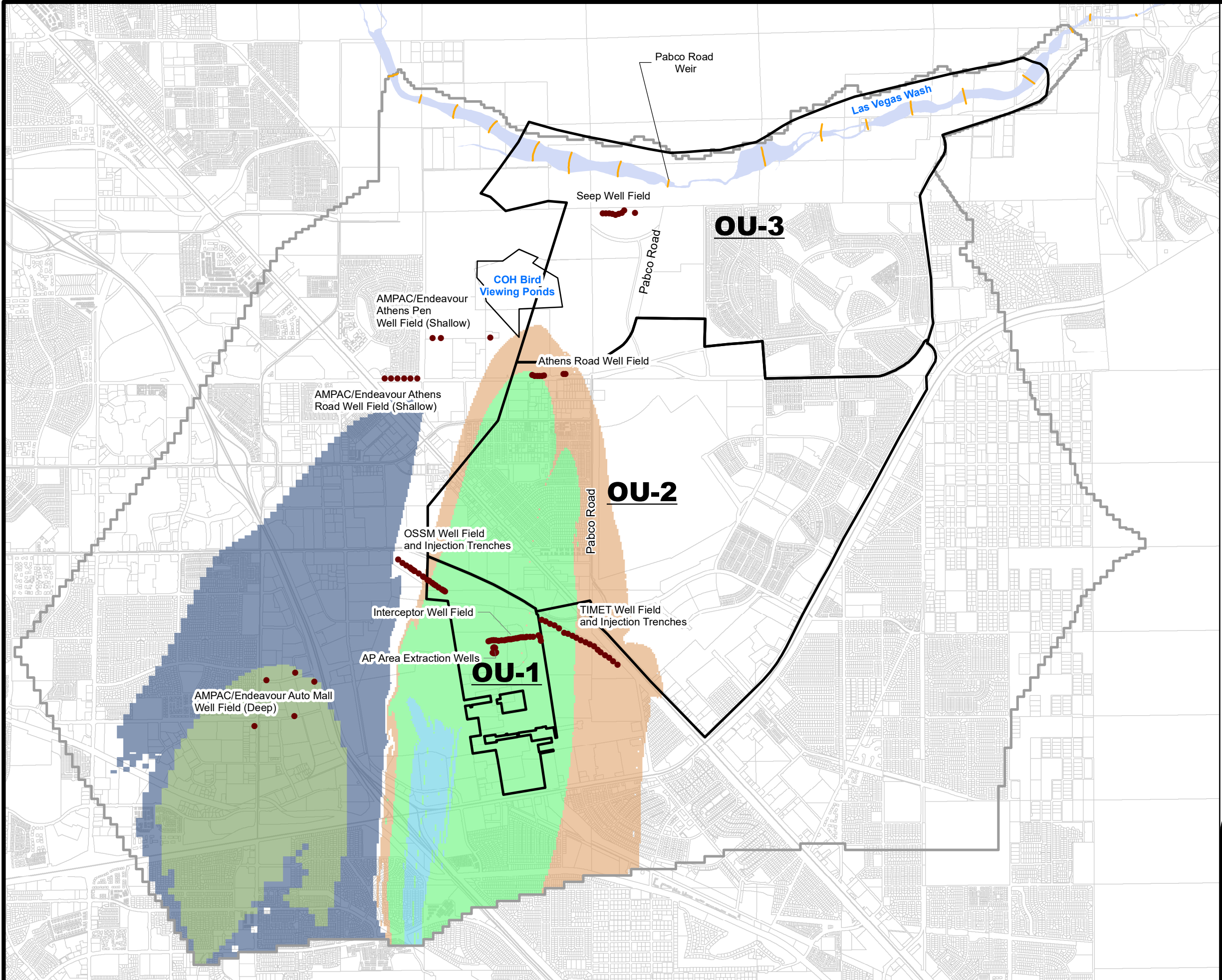
Middle WBZ Capture Zones

Nevada Environmental Response Trust Site
Henderson, Nevada

Date: 2020/11/23	Contract Number: 1690016062-019	Figure
Drafter: KZ	Approved:	Revised:

10b

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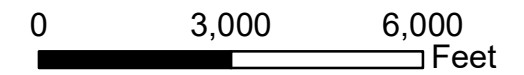
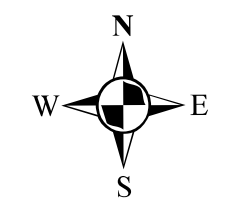
Legend

- Extraction Wells
- Injection Trenches
- Weirs
- ▭ Operable Unit Boundaries
- ▭ Phase 6 Model Boundary
- ▭ Las Vegas Wash

Capture Zone

- ▭ AP Area Extraction Well
- ▭ Interceptor Well Field
- ▭ Athens Road Well Field
- ▭ Seep Well Field
- ▭ OSSM Well Field
- ▭ TIMET Well Field
- ▭ AMPAC/Endeavour - Shallow Extraction
- ▭ AMPAC/Endeavour - Deep Extraction

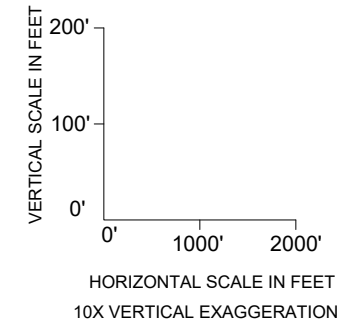
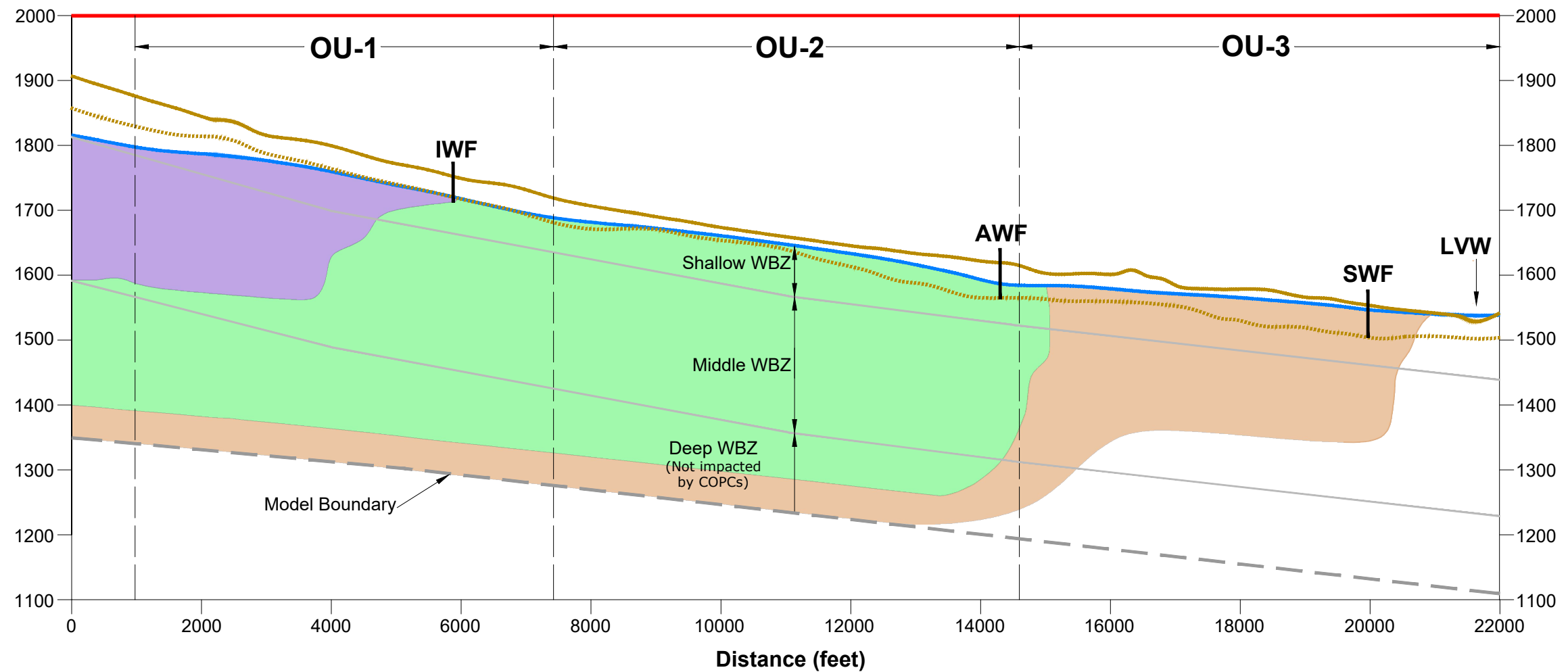
AMPAC/Endeavour = American Pacific Corporation/Endeavour LLC
 OSSM = Olin/Stauffer/Syngenta/Montrose
 TIMET = Titanium Metals Corporation
 COH = City of Henderson



Deep WBZ Capture Zones
 Nevada Environmental Response Trust Site
 Henderson, Nevada

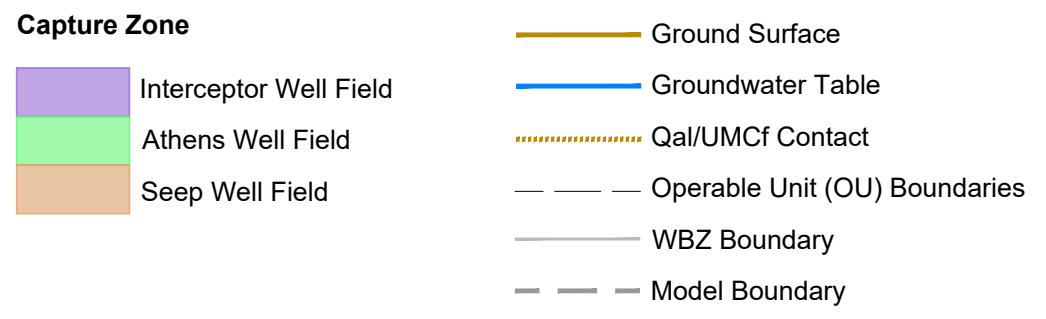
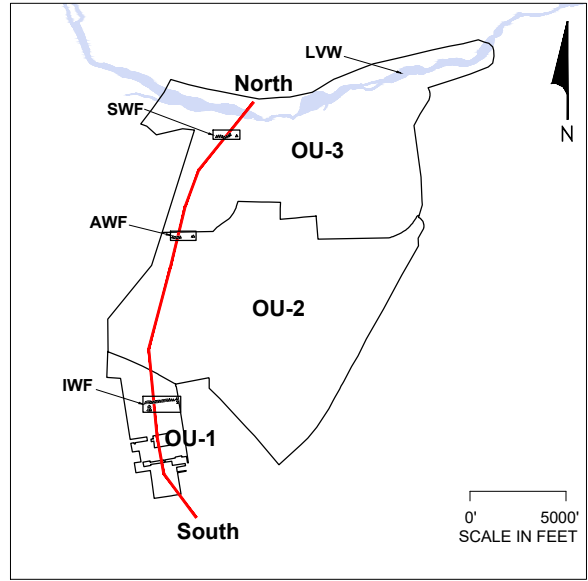
Date: 2020/11/24	Contract Number: 1690016062-019	Figure
Drafter: KZ	Approved:	Revised:

South **North**



Notes:
 IWF = Interceptor Well Field
 AWF = Athens Road Well Field
 SWF = Seep Well Field
 LVW = Las Vegas Wash
 amsl = above mean sea level
 Qal = Alluvium
 UMCf = Upper Muddy Creek Formation
 WBZ = Water Bearing Zone
 COPC = Chemical of Potential Concern

Cross-Section Location Inset



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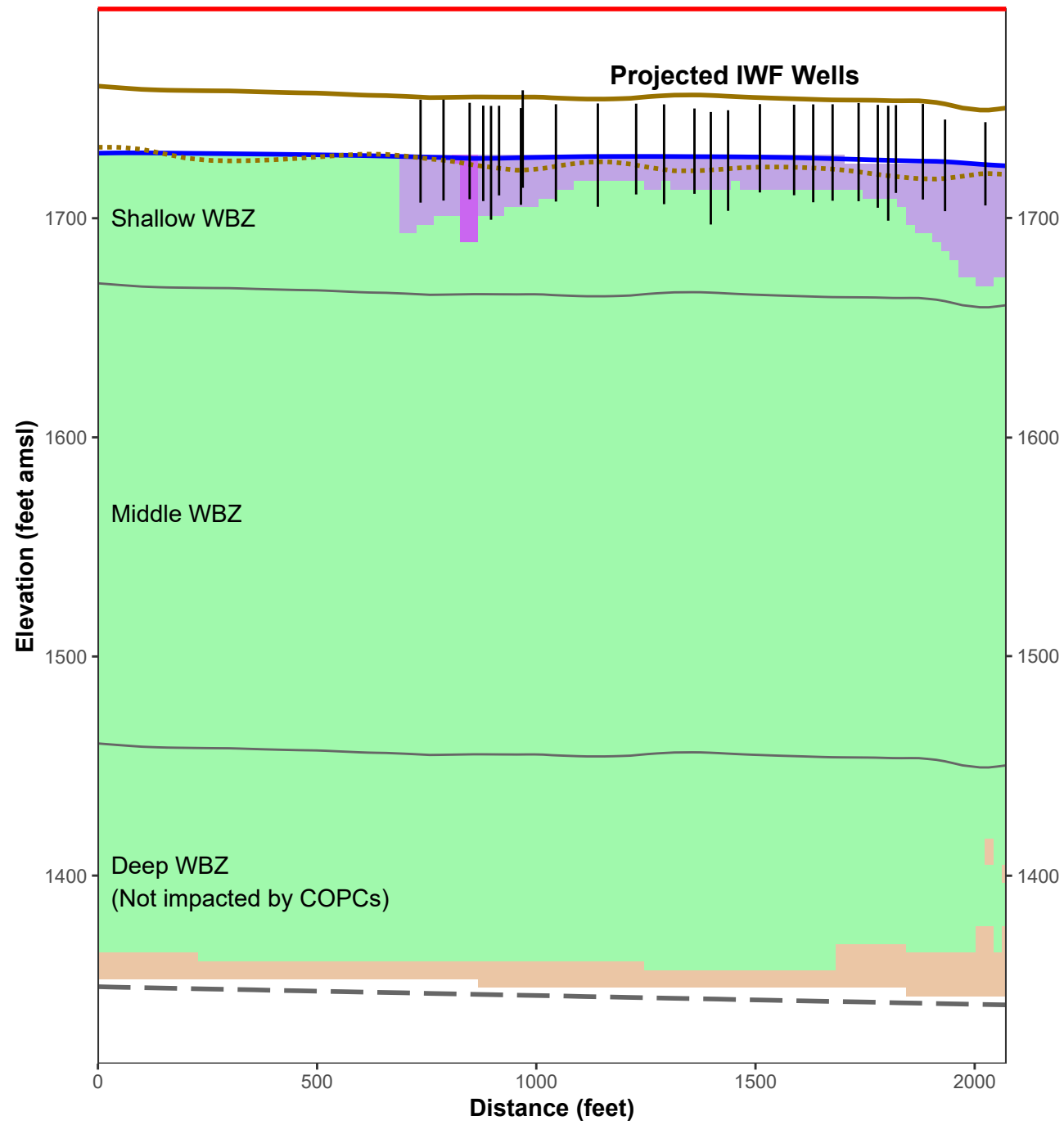
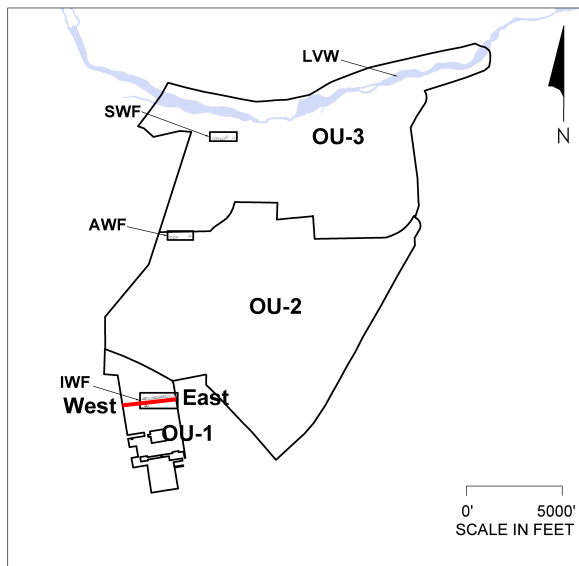
North-South Cross-Section of Capture Zones
 Nevada Environmental Response Trust Site
 Henderson, Nevada

West

East

Notes:
 IWF = Interceptor Well Field
 AWF = Athens Road Well Field
 SWF = Seep Well Field
 LVW = Las Vegas Wash
 amsl = above mean sea level
 Qal = Alluvium
 UMCf = Upper Muddy Creek Formation
 WBZ = Water Bearing Zone
 COPC = Chemical of Potential Concern

Cross-Section Location Inset



Capture Zone

- Interceptor Well Field
- AP Area Wells
- Athens Road Well Field
- Seep Well Field
- Ground Surface
- Groundwater Table
- Qal/UMCf Contact
- WBZ Boundary
- Model Boundary



West-East Cross-Section of Capture Zones at the IWF

Nevada Environmental Response Trust
Henderson, Nevada

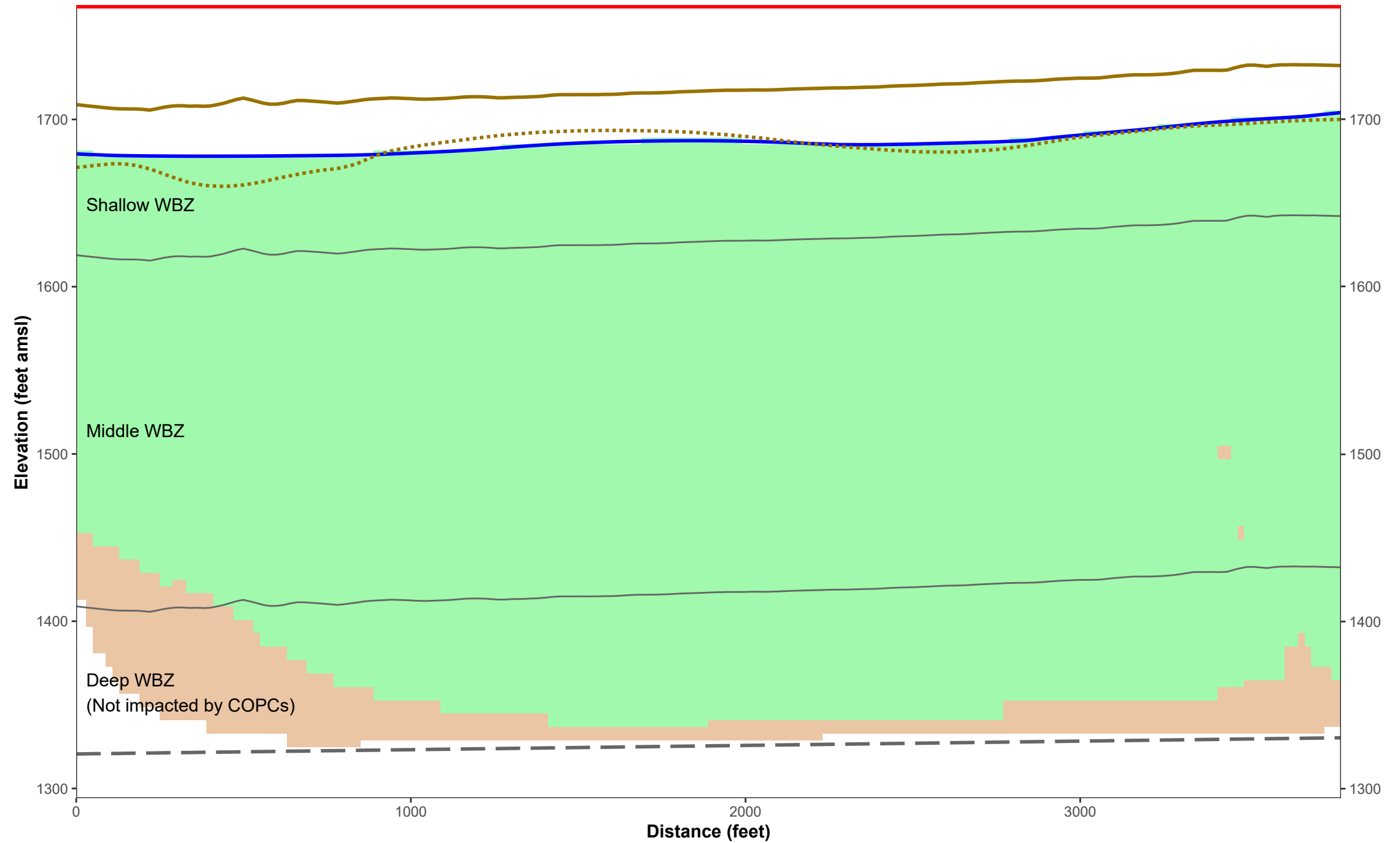
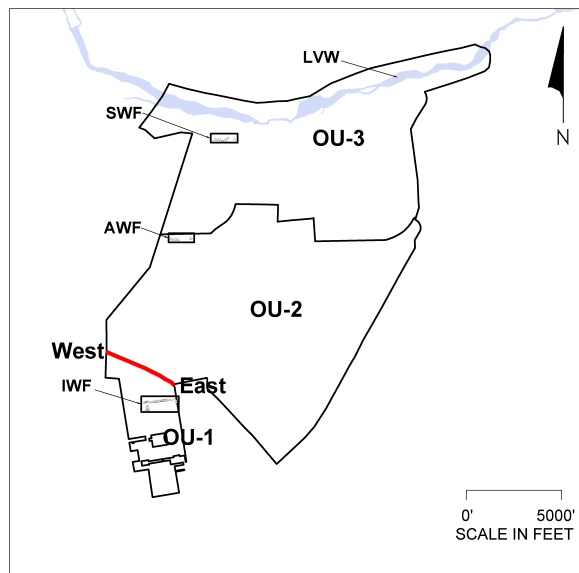
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West

East

Notes:
 IWF = Interceptor Well Field
 AWF = Athens Road Well Field
 SWF = Seep Well Field
 LVW = Las Vegas Wash
 amsl = above mean sea level
 Qal = Alluvium
 UMCf = Upper Muddy Creek Formation
 WBZ = Water Bearing Zone
 COPC = Chemical of Potential Concern

Cross-Section Location Inset



Capture Zone

- Interceptor Well Field
- AP Area Wells
- Athens Road Well Field
- Seep Well Field
- Ground Surface
- Groundwater Table
- Qal/UMCf Contact
- WBZ Boundary
- Model Boundary



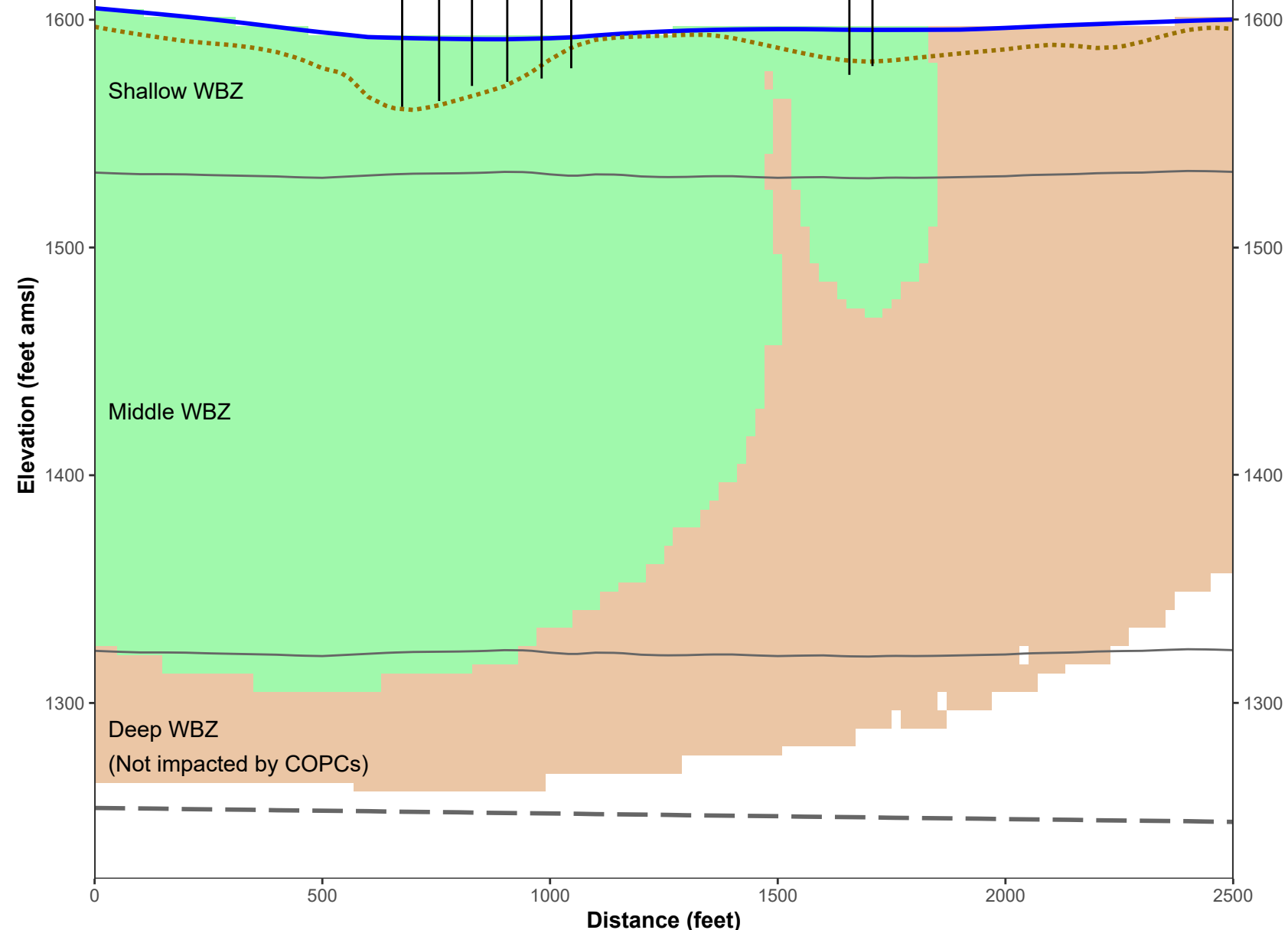
West-East Cross-Section of Capture Zones at the OU-1/OU-2 Boundary

Nevada Environmental Response Trust
Henderson, Nevada

West

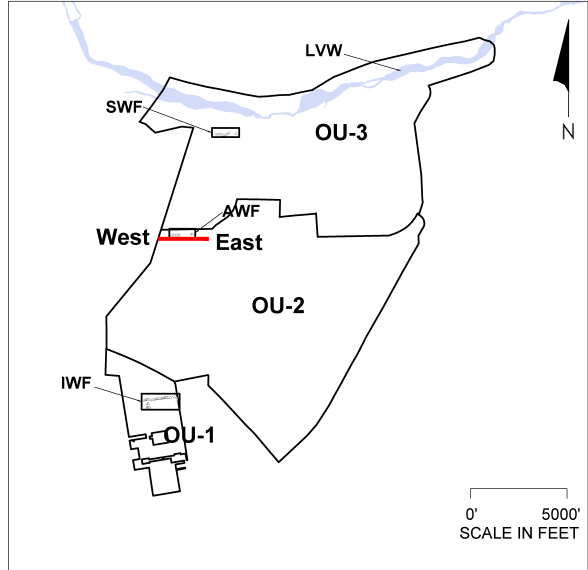
East

Projected AWF Wells



Notes:
 IWF = Interceptor Well Field
 AWF = Athens Road Well Field
 SWF = Seep Well Field
 LVW = Las Vegas Wash
 amsl = above mean sea level
 Qal = Alluvium
 UMCf = Upper Muddy Creek Formation
 WBZ = Water Bearing Zone
 COPC = Chemical of Potential Concern

Cross-Section Location Inset



Capture Zone

- Interceptor Well Field
- AP Area Wells
- Athens Road Well Field
- Seep Well Field
- Ground Surface
- Groundwater Table
- Qal/UMCf Contact
- WBZ Boundary
- Model Boundary



West-East Cross-Section of Capture Zones at the AWF
 Nevada Environmental Response Trust
 Henderson, Nevada

Figure
12c

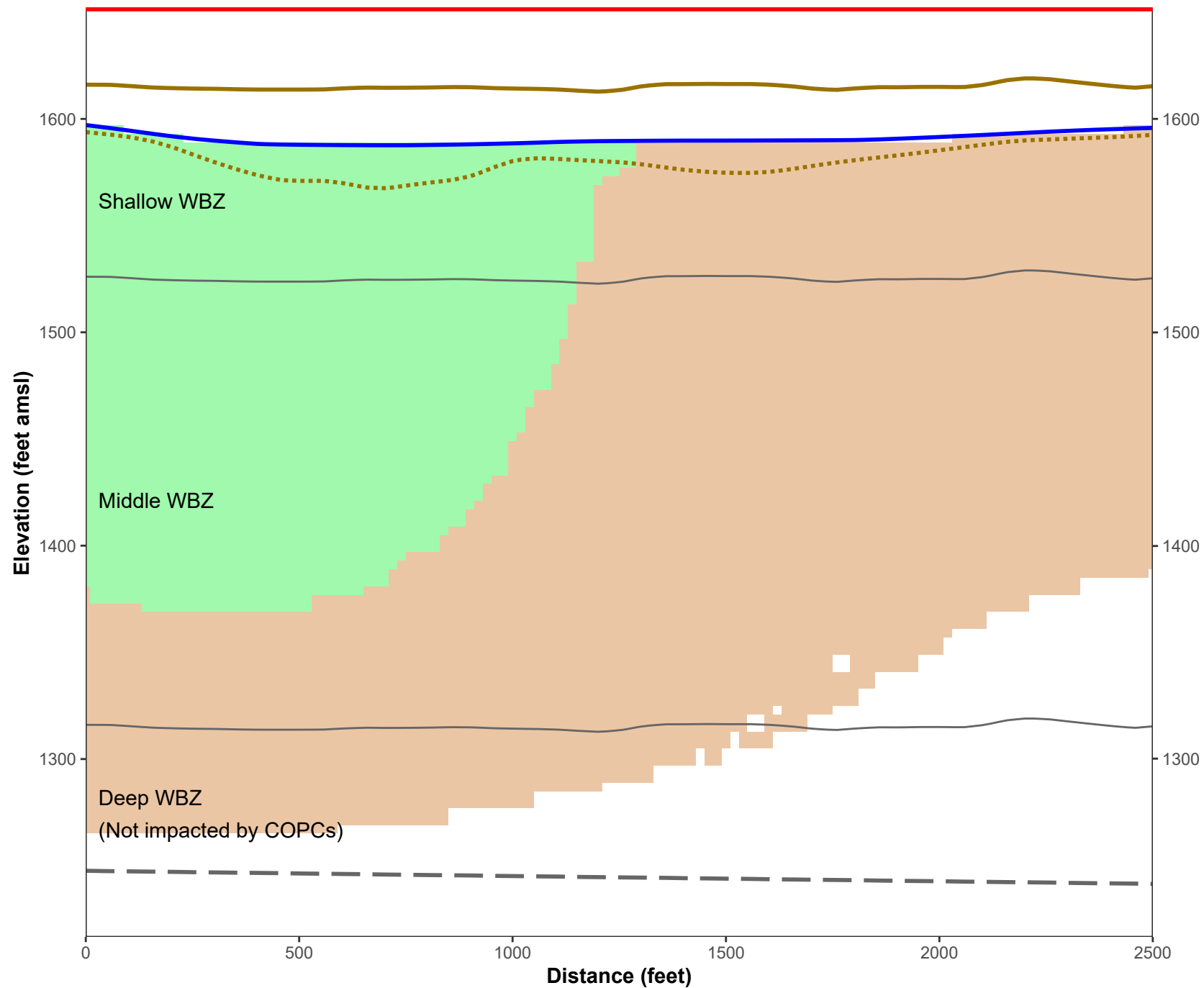
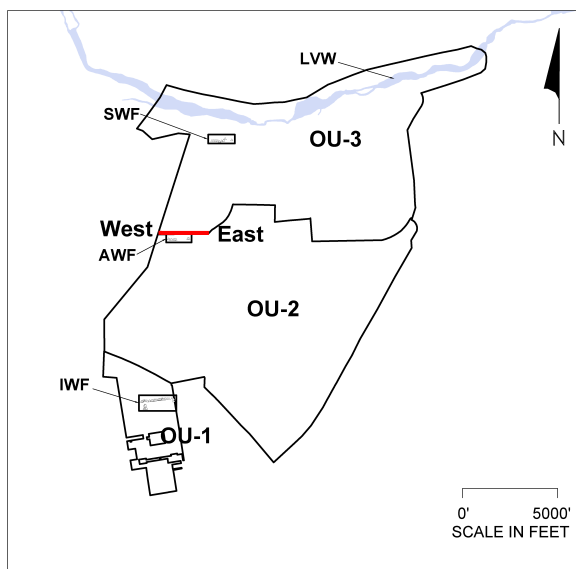
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West



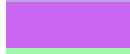






East

Notes:
 IWF = Interceptor Well Field
 AWF = Athens Road Well Field
 SWF = Seep Well Field
 LVW = Las Vegas Wash
 amsl = above mean sea level
 Qal = Alluvium
 UMCf = Upper Muddy Creek Formation
 WBZ = Water Bearing Zone
 COPC = Chemical of Potential Concern

Cross-Section Location Inset



Capture Zone

- | | | | |
|---|------------------------|---|-------------------|
|  | Interceptor Well Field |  | Ground Surface |
|  | AP Area Wells |  | Groundwater Table |
|  | Athens Road Well Field |  | Qal/UMCf Contact |
|  | Seep Well Field |  | WBZ Boundary |
| | |  | Model Boundary |

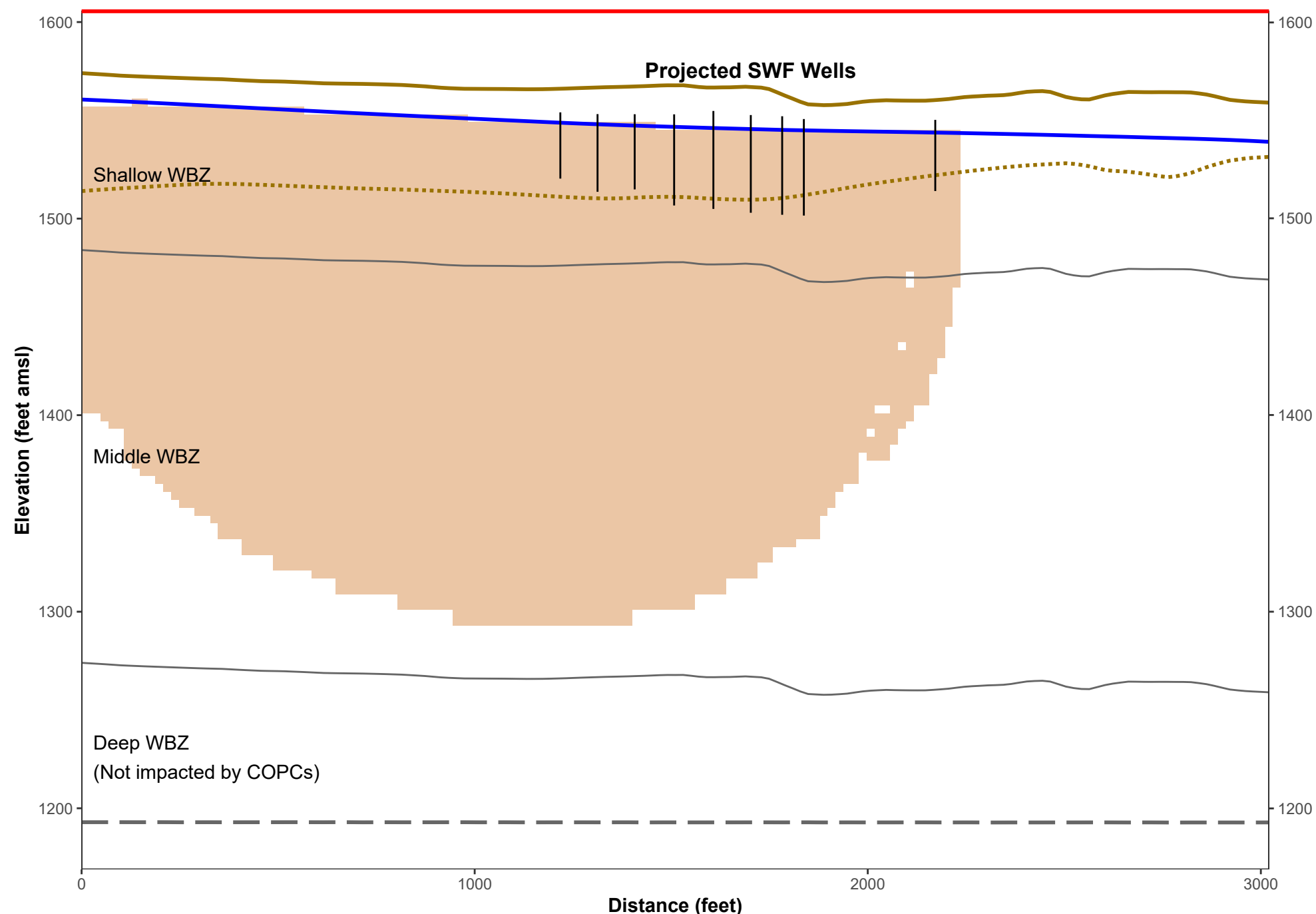


West-East Cross-Section of Capture Zones at the OU-2/OU-3 Boundary

Nevada Environmental Response Trust
Henderson, Nevada

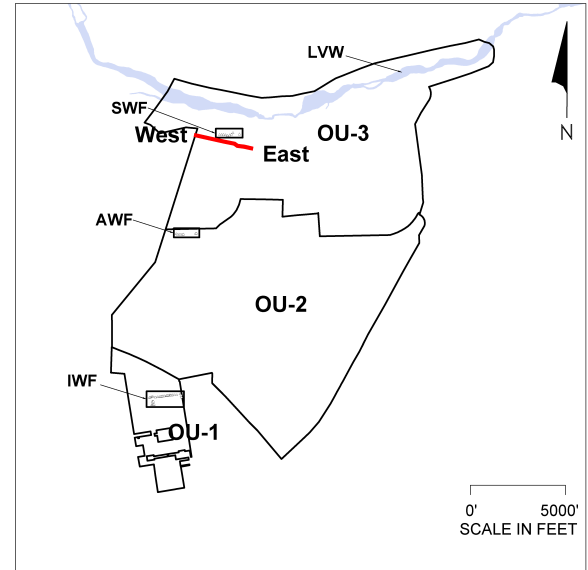
West

East







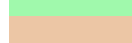




Notes:
 IWF = Interceptor Well Field
 AWF = Athens Road Well Field
 SWF = Seep Well Field
 LVW = Las Vegas Wash
 amsl = above mean sea level
 Qal = Alluvium
 UMCf = Upper Muddy Creek Formation
 WBZ = Water Bearing Zone
 COPC = Chemical of Potential Concern

Cross-Section Location Inset



Capture Zone

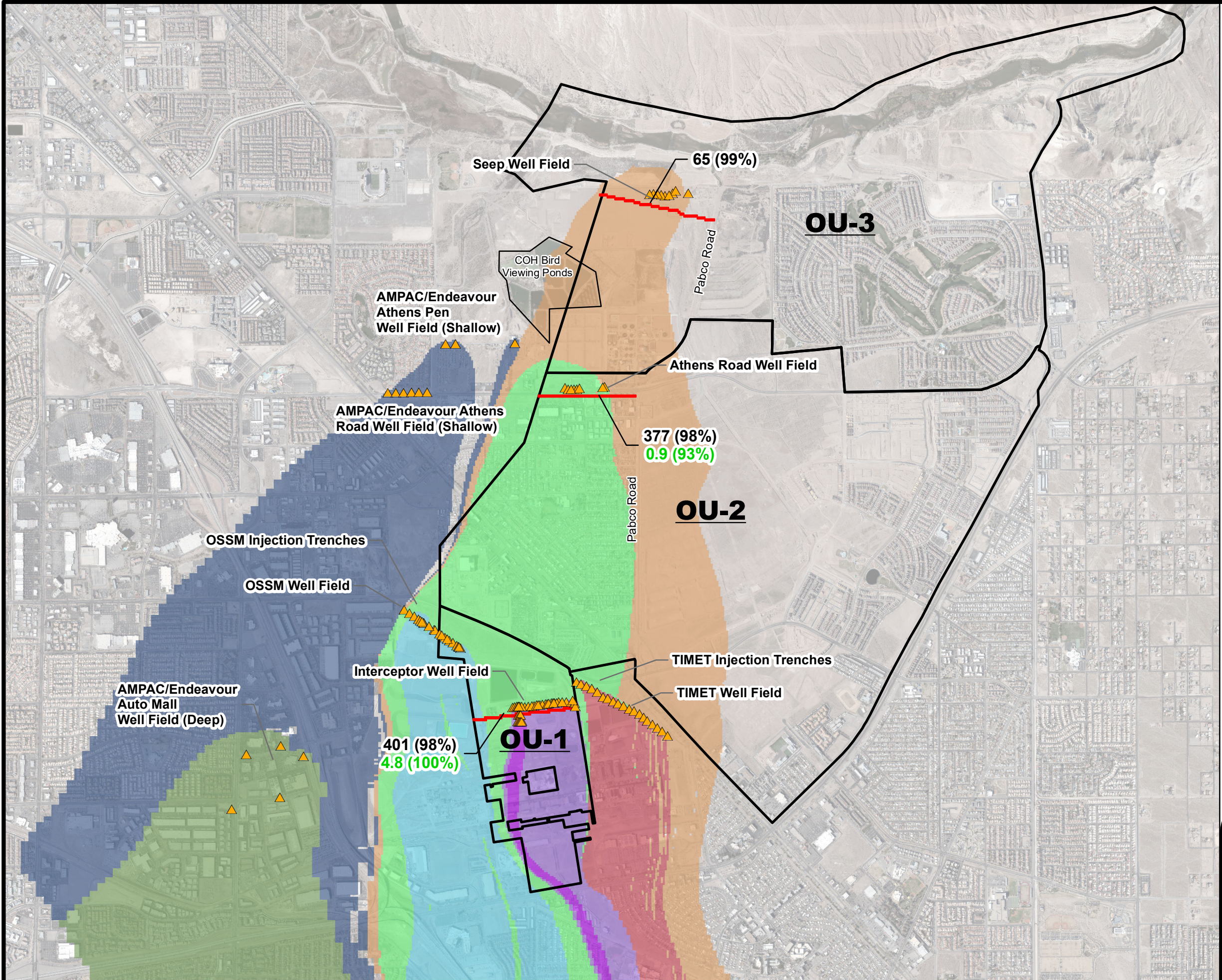
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|---|------------------------|---|-------------------|
|  | Interceptor Well Field |  | Ground Surface |
|  | AP Area Wells |  | Groundwater Table |
|  | Athens Road Well Field |  | Qal/UMCf Contact |
|  | Seep Well Field |  | WBZ Boundary |
| | |  | Model Boundary |



West-East Cross-Section of Capture Zones at the SWF
 Nevada Environmental Response Trust
 Henderson, Nevada

Path: C:/Users/cstubs/OneDrive - Ramboll/Documents/R/nert/vertical_capture.R

Path: H:\LePeromani\NERT\GIS\GW\Annual Performance Reports\2020 Annual Figures\Fig 13 - Well Field Capture Efficiency.mxd

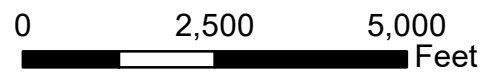
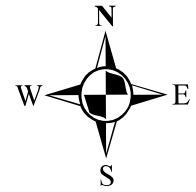


- Legend**
- Extraction Wells
 - Injection Trenches
 - Operable Unit Boundaries
 - Transect Lines
- Capture Zone**
- AP Area Extraction Well
 - Interceptor Well Field
 - Athens Road Well Field
 - Seep Well Field
 - OSSM Well Field
 - TIMET Well Field
 - AMPAC/Endeavour - Shallow Extraction
 - AMPAC/Endeavour - Deep Extraction

401 (98%) Total Perchlorate Mass Flux (lbs/d) and Percent Capture Efficiency of the Immediately Downgradient Well Field

4.8 (100%) Total Chromium Mass Flux (lbs/d) and Percent Capture Efficiency of the Immediately Downgradient Well Field

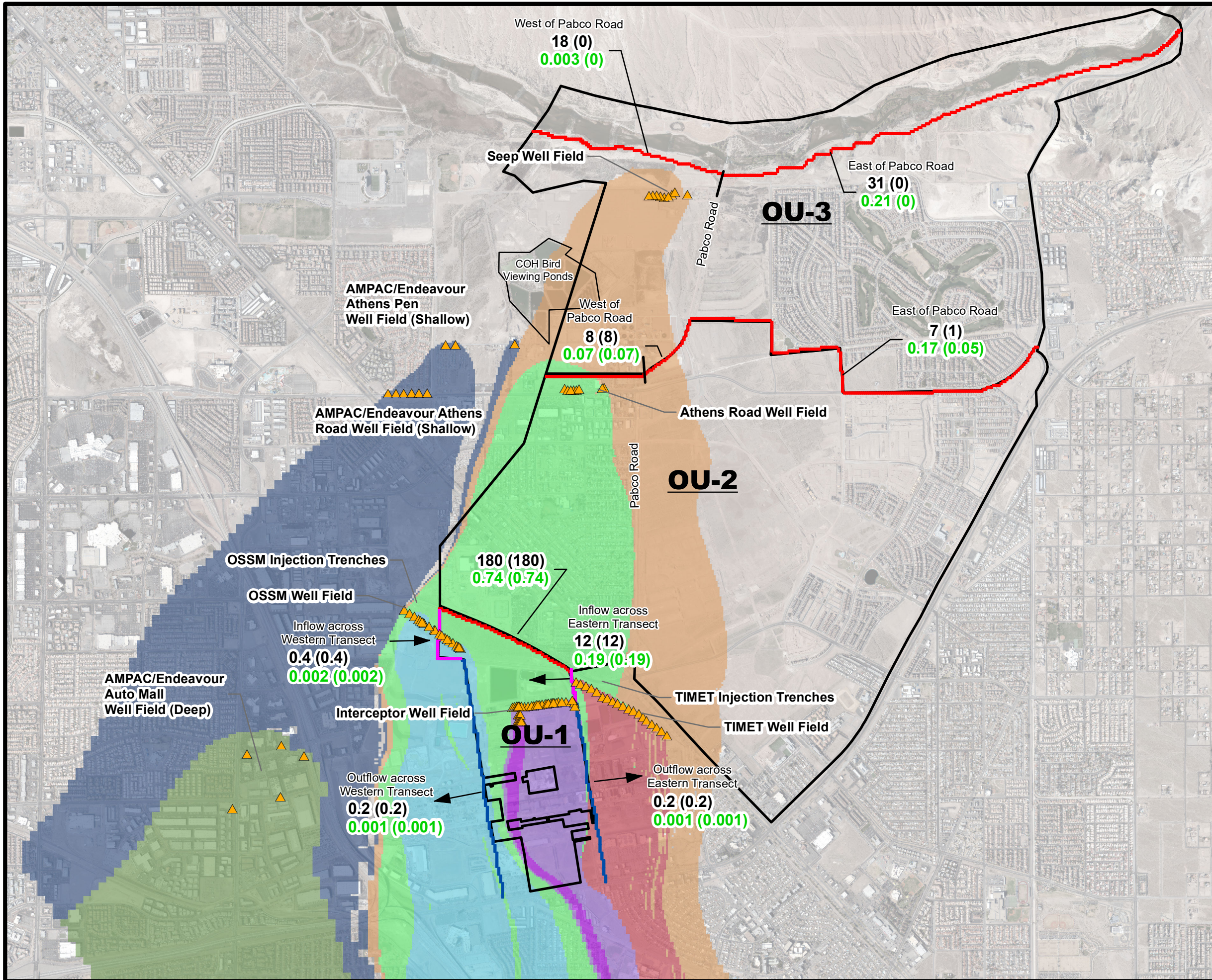
AMPAC/Endeavour = American Pacific Corporation/Endeavour LLC
 OSSM = Olin/Stauffer/Syngenta/Montrose
 TIMET = Titanium Metals Corporation
 COH = City of Henderson
 lbs/d= pounds per day



Well Field Capture Efficiency
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Date: 2020/11/24	Contract Number: 1690016062-019	Figure
Drafter: KZ	Approved:	Revised:
		13

Path: H:\LePeromani\NERT\GIS\Annual Performance Reports\2020 Annual Figures\Fig 14a - Horizontal Mass Flux Estimate.mxd



Legend

- Extraction Wells
- Injection Trenches
- Transect Lines
- Western/Eastern Transect Lines, Inflow Portion
- Western/Eastern Transect Lines, Outflow Portion
- Operable Unit Boundaries

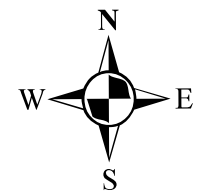
Capture Zone

- AP Area Extraction Well
- Interceptor Well Field
- Athens Road Well Field
- Seep Well Field
- OSSM Well Field
- TIMET Well Field
- AMPAC/Endeavour - Shallow Extraction
- AMPAC/Endeavour - Deep Extraction

180 (180) Total (Captured) Perchlorate Mass Flux (lbs/d)

0.74 (0.74) Total (Captured) Chromium Mass Flux (lbs/d)

AMPAC/Endeavour = American Pacific Corporation/Endeavour LLC
 OSSM = Olin/Stauffer/Syngenta/Montrose
 TIMET = Titanium Metals Corporation
 COH = City of Henderson
 lbs/d= pounds per day



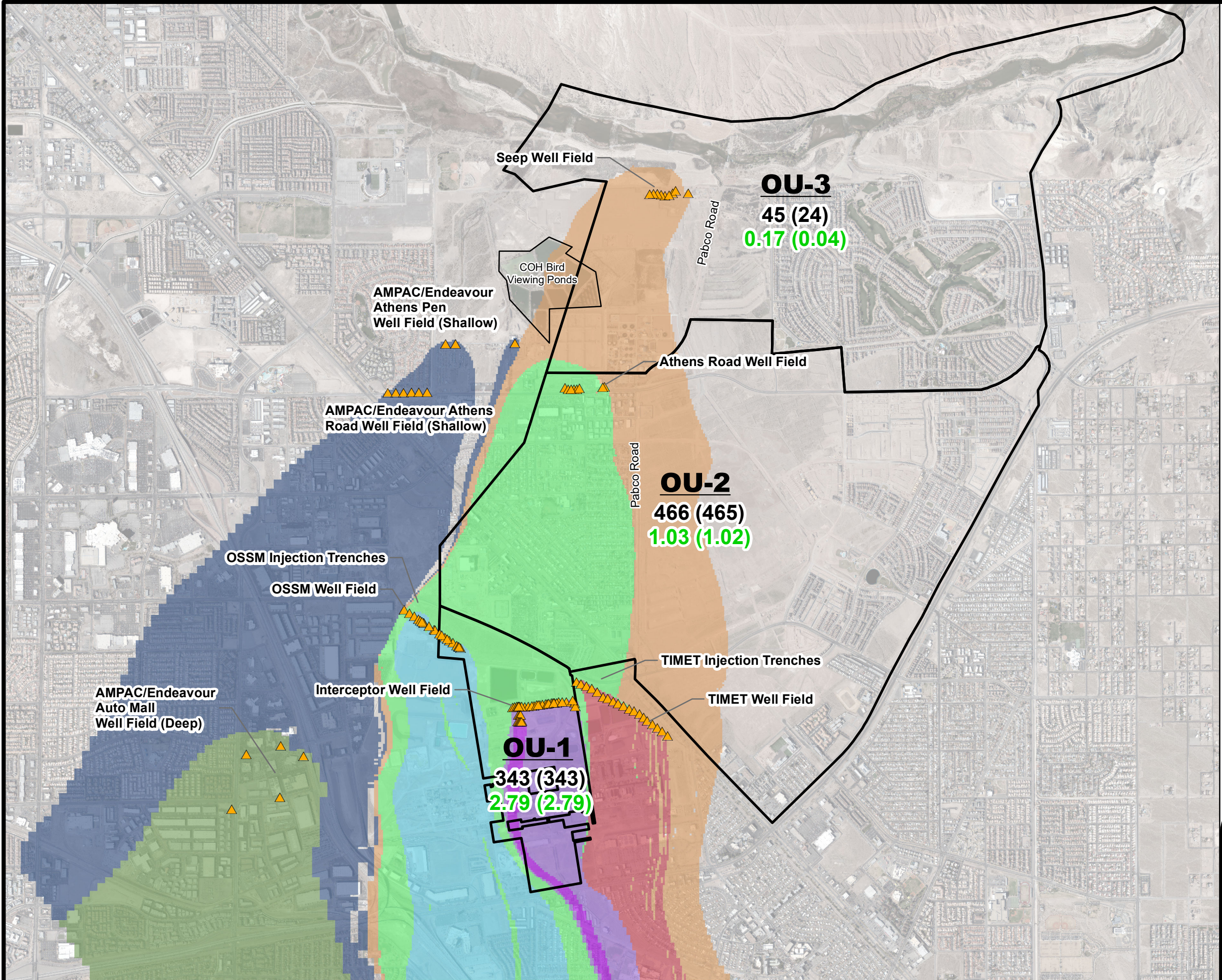
0 2,500 5,000 Feet



Horizontal Mass Flux Estimates
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Date: 2020/11/24	Contract Number: 1690016062-019	Figure
Drafter: KZ	Approved:	Revised:

Path: H:\LePeromane\NERT\GIS\GW\Annual Performance Reports\2020 Annual\Figures\Fig 14b - Vertical Mass Flux Estimate.mxd



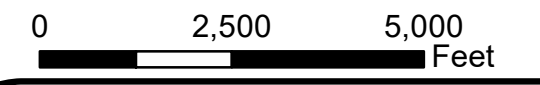
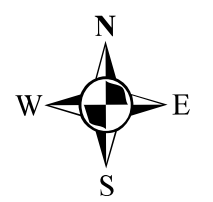
Legend

- Extraction Wells
 - Injection Trenches
 - Operable Unit Boundaries
- Capture Zone**
- AP Area Extraction Well
 - Interceptor Well Field
 - Athens Road Well Field
 - Seep Well Field
 - OSSM Well Field
 - TIMET Well Field
 - AMPAC/Endeavour - Shallow Extraction
 - AMPAC/Endeavour - Deep Extraction

343 (343) Total (Captured) Perchlorate Mass Flux (lbs/d)
2.79 (2.79) Total (Captured) Chromium Mass Flux (lbs/d)

AMPAC/Endeavour = American Pacific Corporation/Endeavour LLC
 OSSM = Olin/Stauffer/Syngenta/Montrose
 TIMET = Titanium Metals Corporation
 COH = City of Henderson
 lbs/d= pounds per day

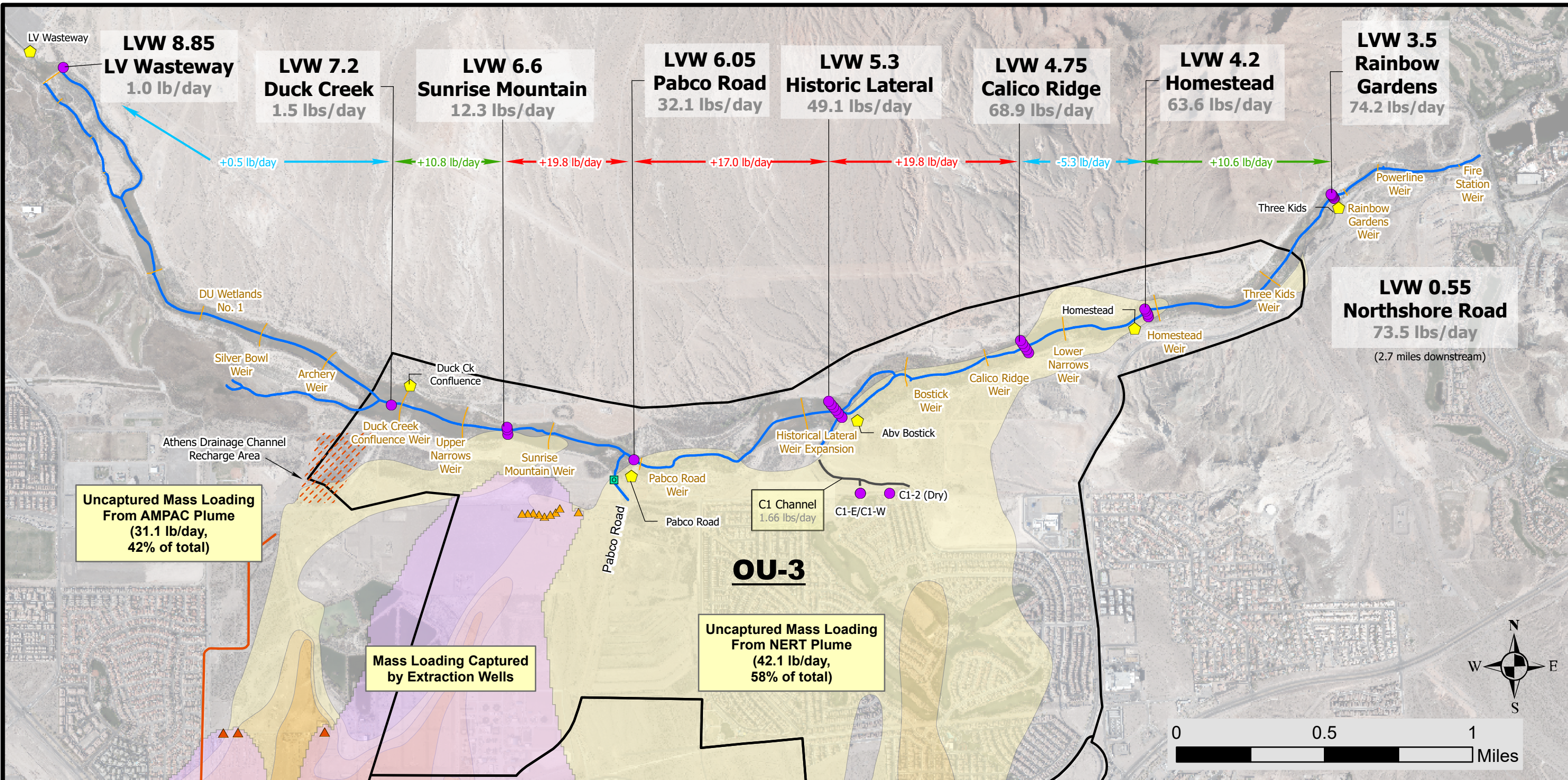
Note: Positive mass flux is upward.



Vertical Mass Flux Estimates
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Date: 2020/11/24	Contract Number: 1690016062-019	Figure
Drafter: KZ	Approved:	Revised:

Path: H:\LaPeoman\NERT\GIS\Annual Performance Reports\2020 Annual Figures\Wash_Loading.aprx|Fig 15 - LVW_MassLoading_July2019-June2020



Legend

- NERT Surface Water Sample
- ◆ USGS Continuous Streamflow Location
- NERT/AMPAC/TIMET/COH Outfall Location
- Las Vegas Wash
- Weirs
- C1 Channel
- ▭ Operable Unit Boundaries
- ▲ NERT Extraction Wells
- ▲ AMPAC Extraction Wells
- Athens Drainage Channel

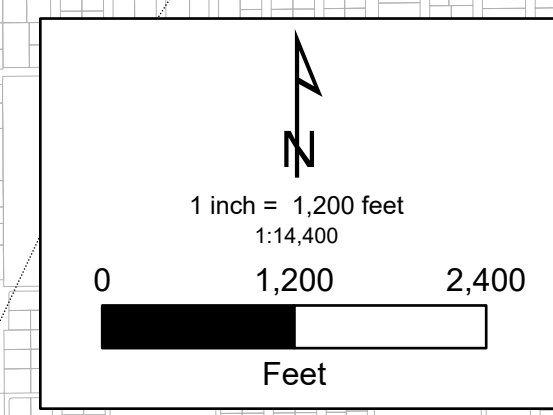
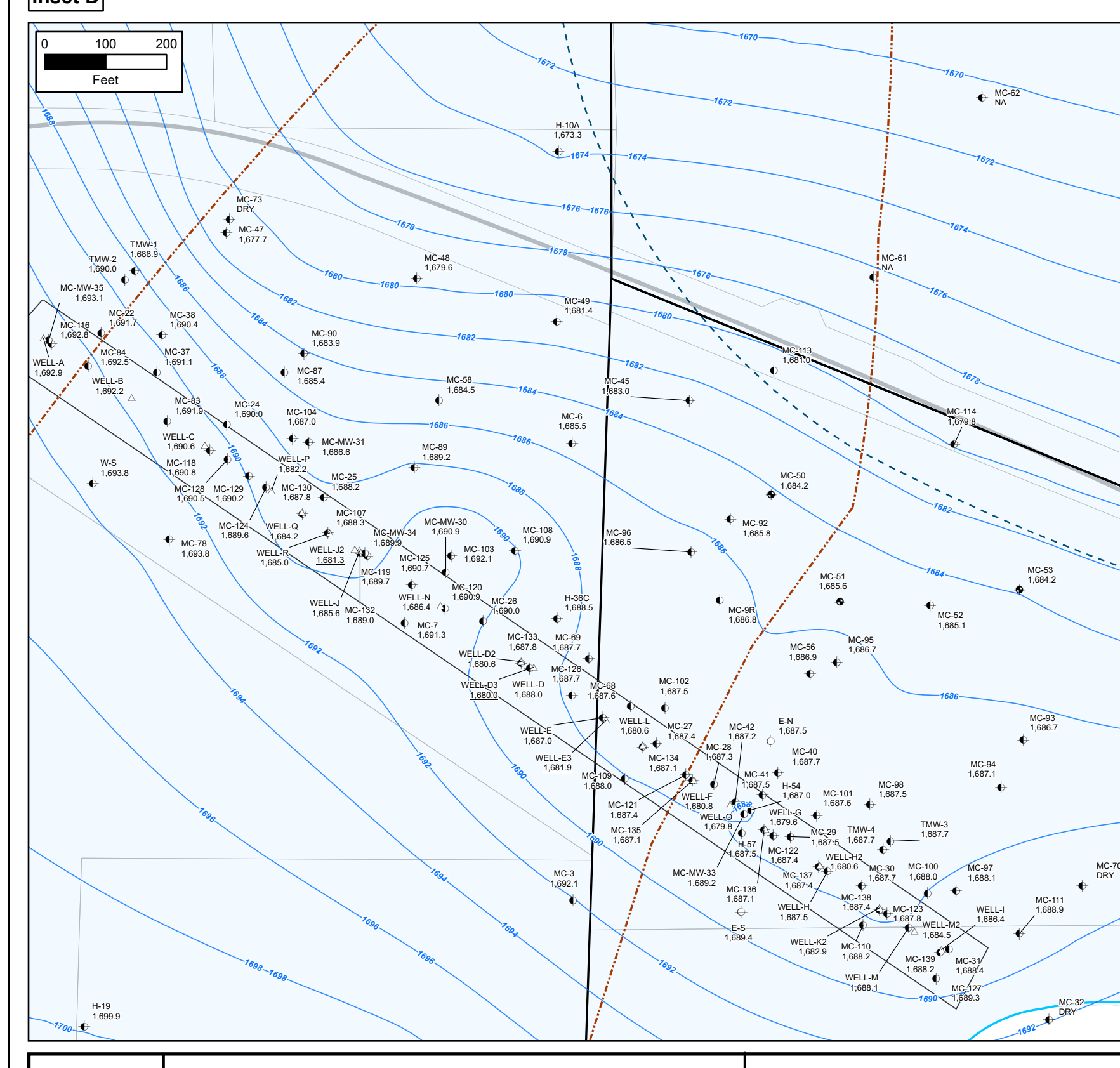
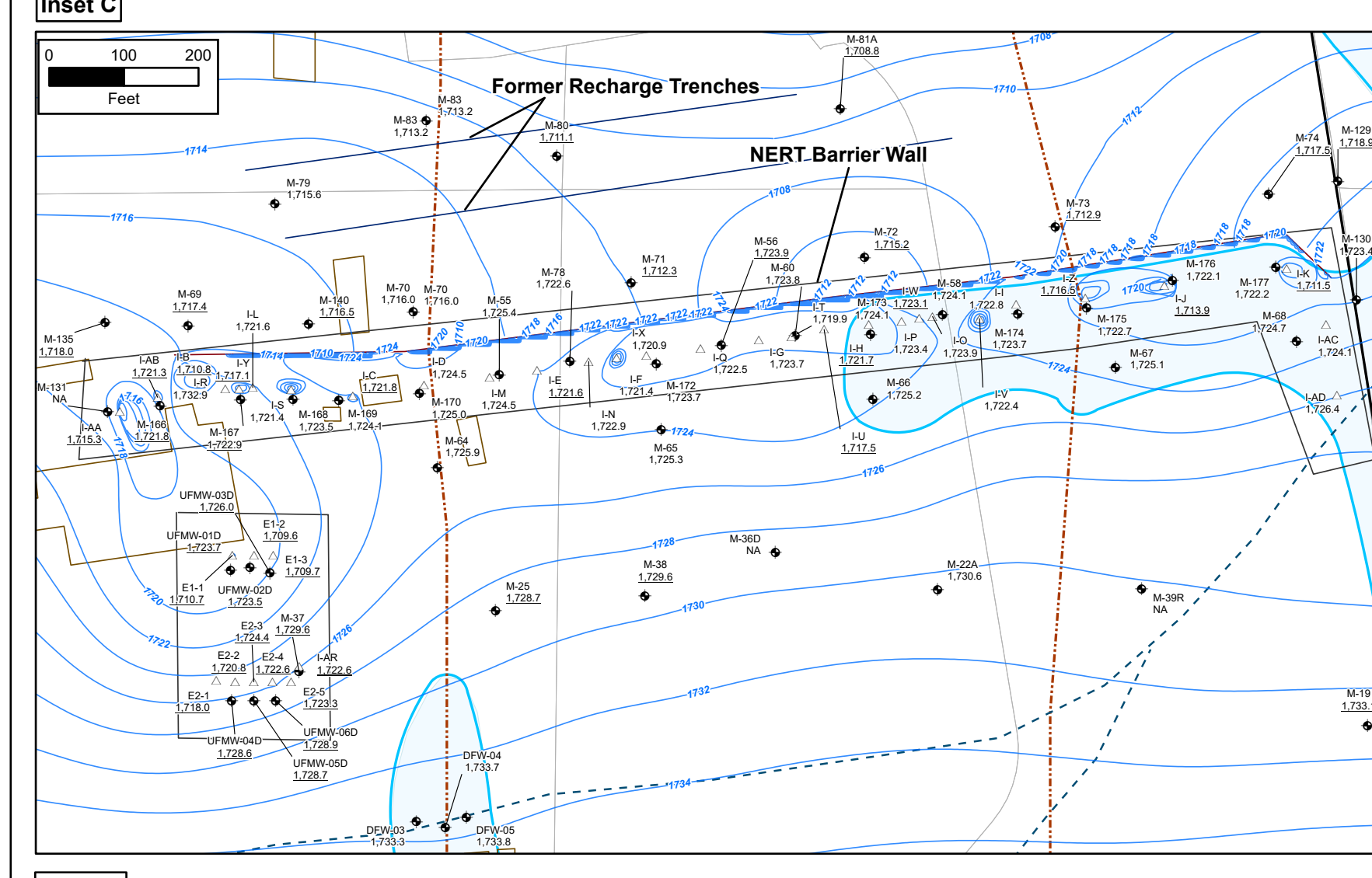
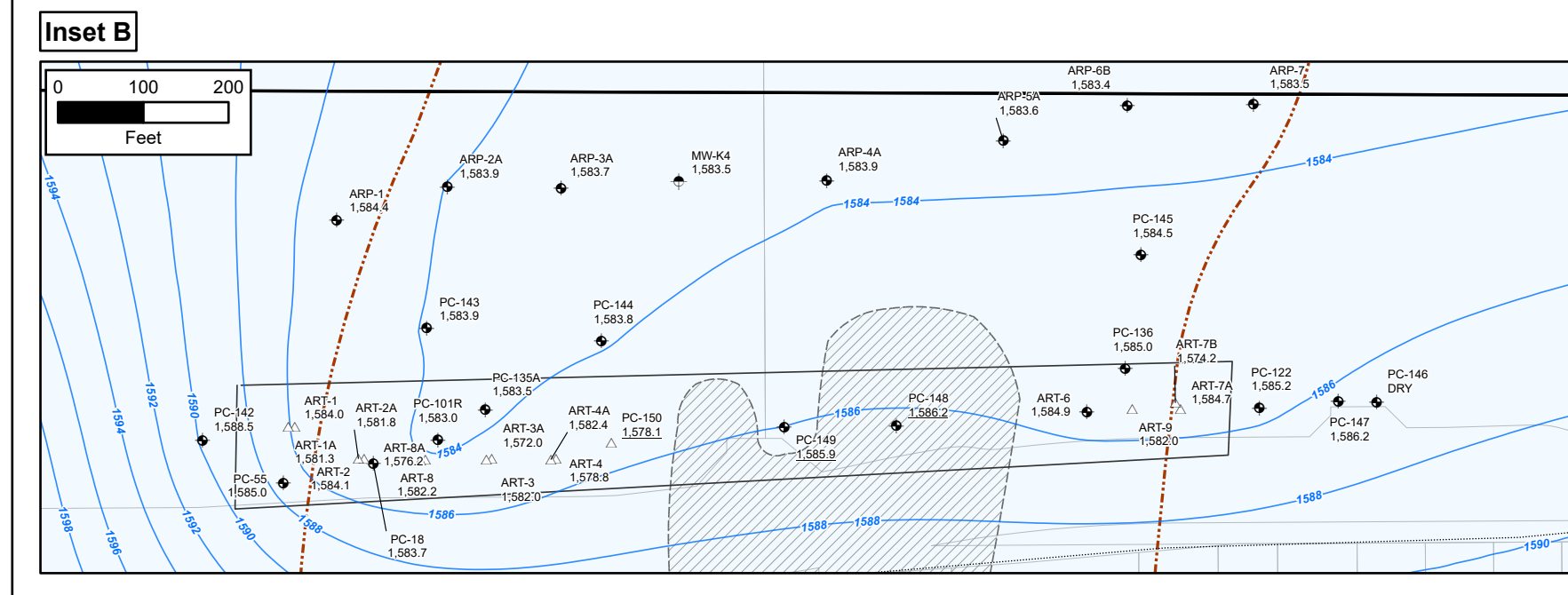
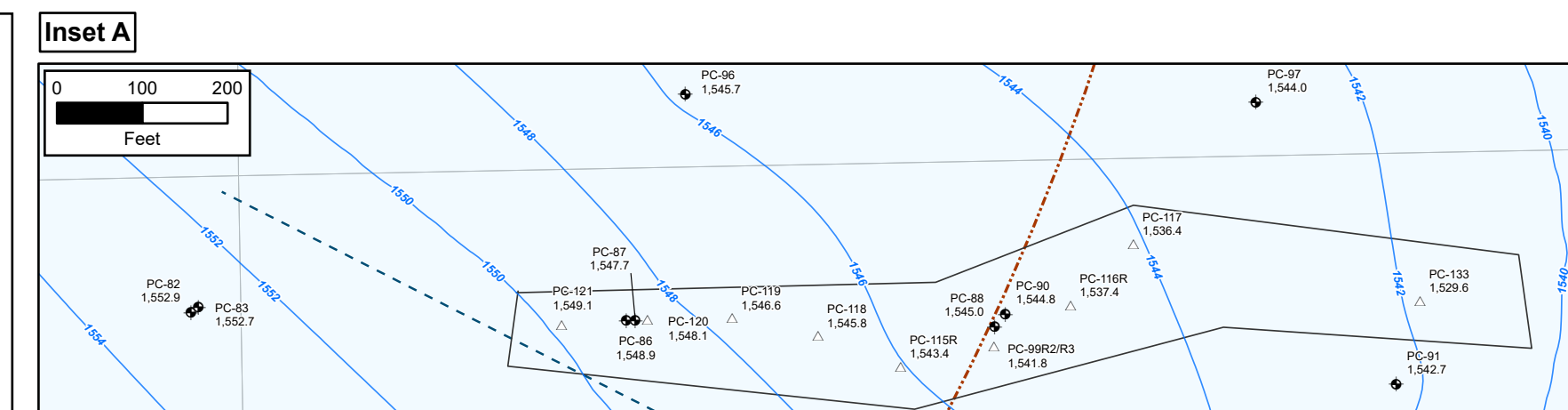
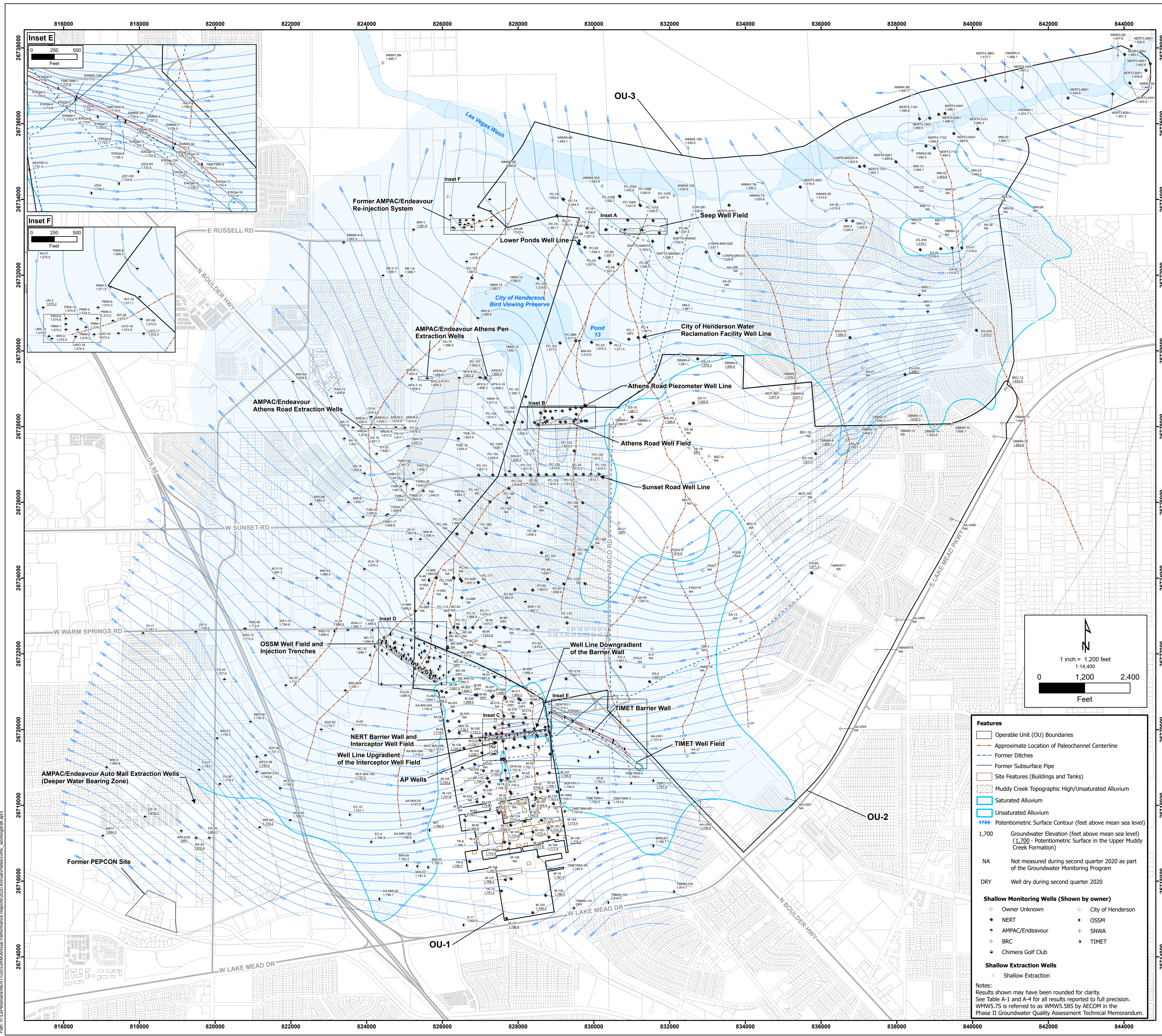


**Las Vegas Wash
Perchlorate Mass Loading
July 2019 - June 2020**
Nevada Environmental Response Trust Site
Henderson, Nevada

Date: 2021/02/19	Contract Number: 1690016062-019	Figure
Drafter: KZ/AR	Approved:	Revised:
		15

Annual Groundwater Monitoring and
GWETS Performance Report
Nevada Environmental Response Trust Site
Henderson, Nevada

PLATES



- Features**
- Operable Unit (OU) Boundaries
 - Approximate Location of Paleochannel Centerline
 - Former Ditches
 - Former Subsurface Pipe
 - Site Features (Buildings and Tanks)
 - Muddy Creek Topographic High/Unsaturated Alluvium
 - Saturated Alluvium
 - Unsaturated Alluvium
 - Potentiometric Surface Contour (feet above mean sea level)
 - Groundwater Elevation (feet above mean sea level) (L700 - Potentiometric Surface in the Upper Muddy Creek Formation)
 - NA Not measured during second quarter 2020 as part of the Groundwater Monitoring Program
 - DRY Well dry during second quarter 2020
- Shallow Monitoring Wells (Shown by owner)**
- Owner Unknown
 - City of Henderson
 - NERT
 - AMPAC/Endeavour
 - BRC
 - Chimera Golf Club
 - OSSM
 - SNWA
 - TIMET
- Shallow Extraction Wells**
- Shallow Extraction
- Notes:**
 Results shown may have been rounded for clarity.
 See Table A-1 and A-4 for all results reported to full precision.
 WMW5.75 is referred to as WMW5.SBS by AECOM in the Phase II Groundwater Quality Assessment Technical Memorandum.

Plate 1

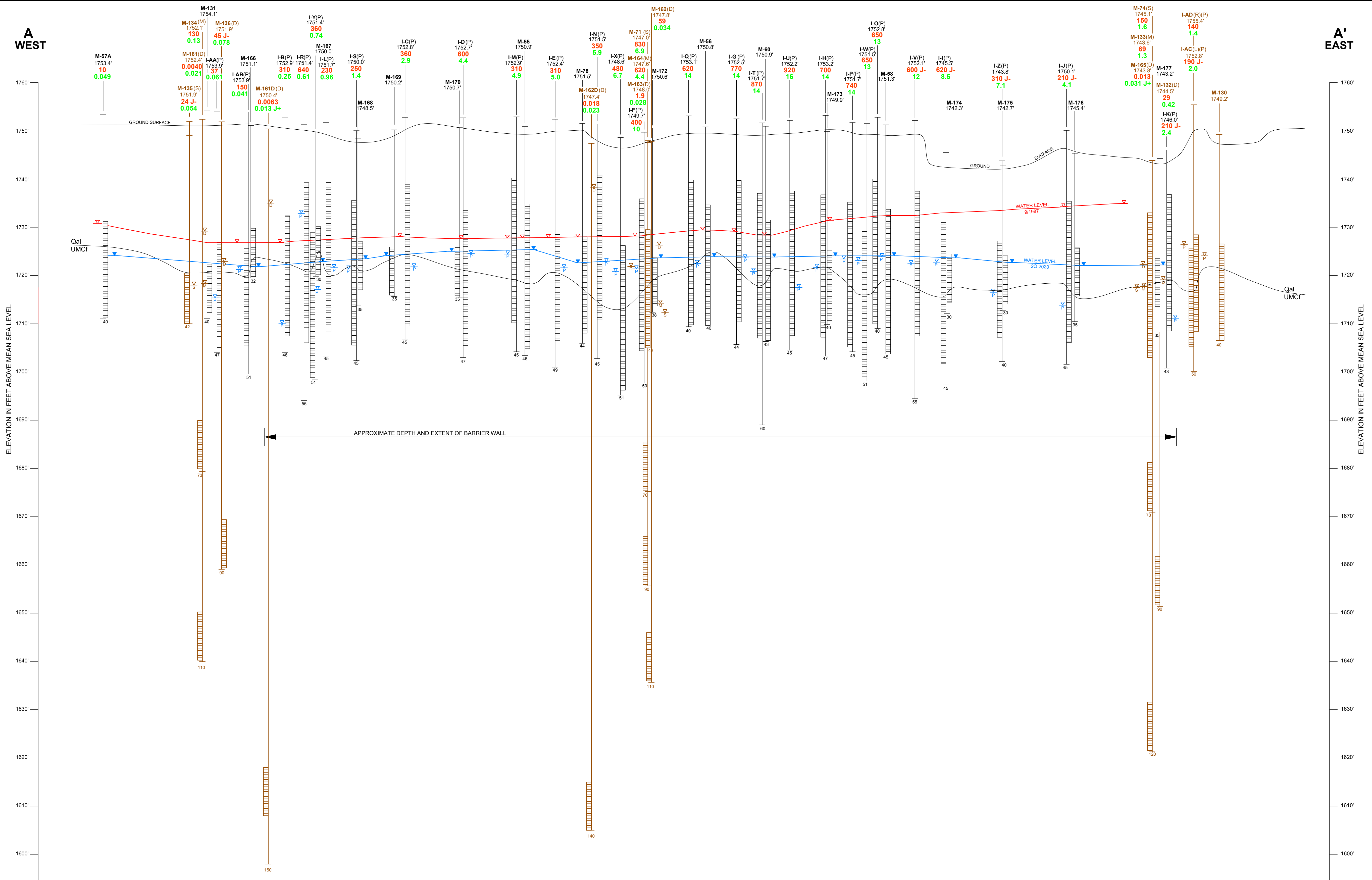
**POTENTIOMETRIC SURFACE MAP
 SHALLOW WATER-BEARING ZONE
 SECOND QUARTER 2020**

Annual Performance Report
 Nevada Environmental Response Trust (NERT)
 Henderson, Nevada

Coordinate System: NAD 1983 StatePlane Nevada East FIPS 2701 Feet
 Projection: Transverse Mercator
 Datum: North American 1983

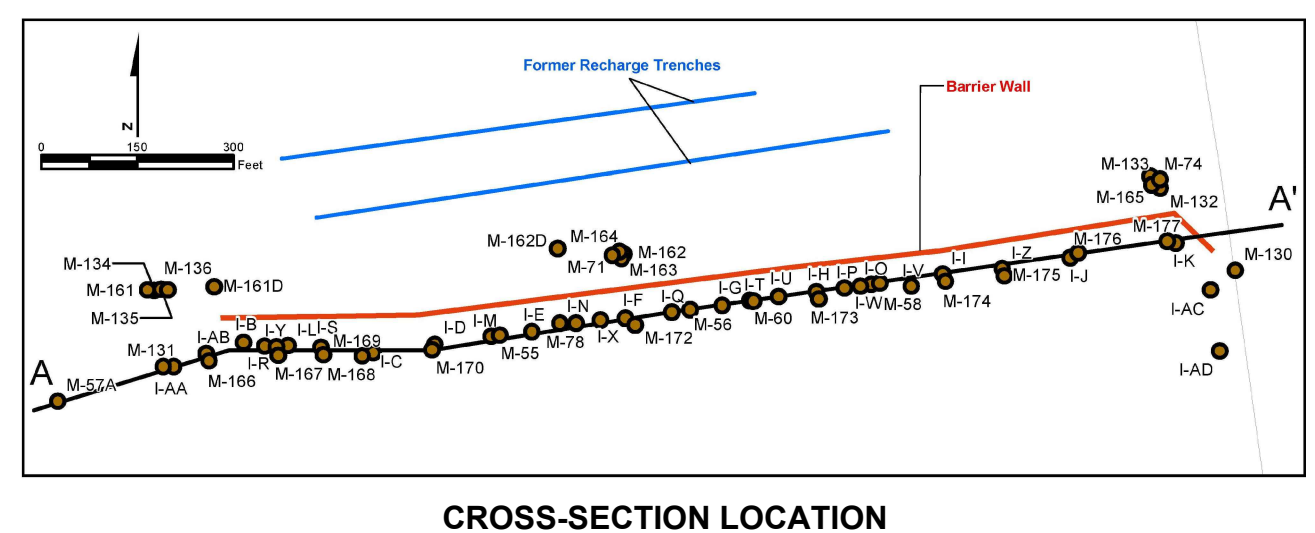
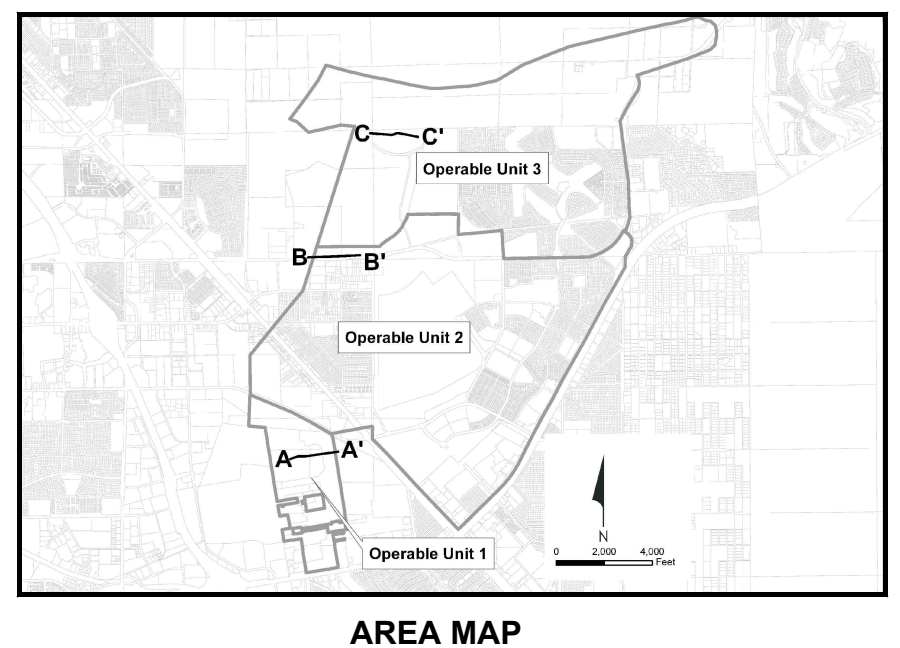
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DESIGNED BY:	EJK/HR
DRAWN BY:	RS/DLB
CHECKED BY:	ERG
APPROVED BY:	GRK
NO.	0
REVISIONS:	
DESCRIPTION:	GENERATE APPROVED CROSS-SECTION
DATE:	08/24/20
BY:	DLB

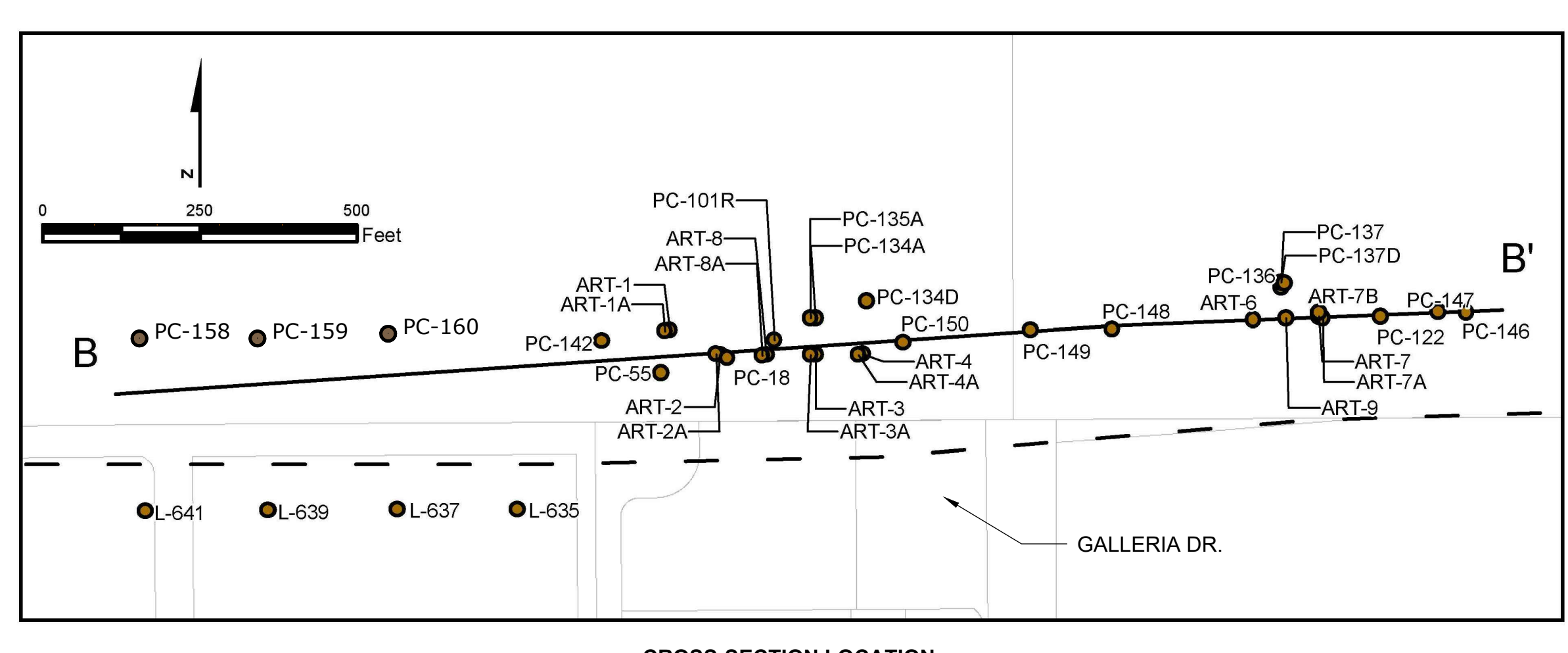
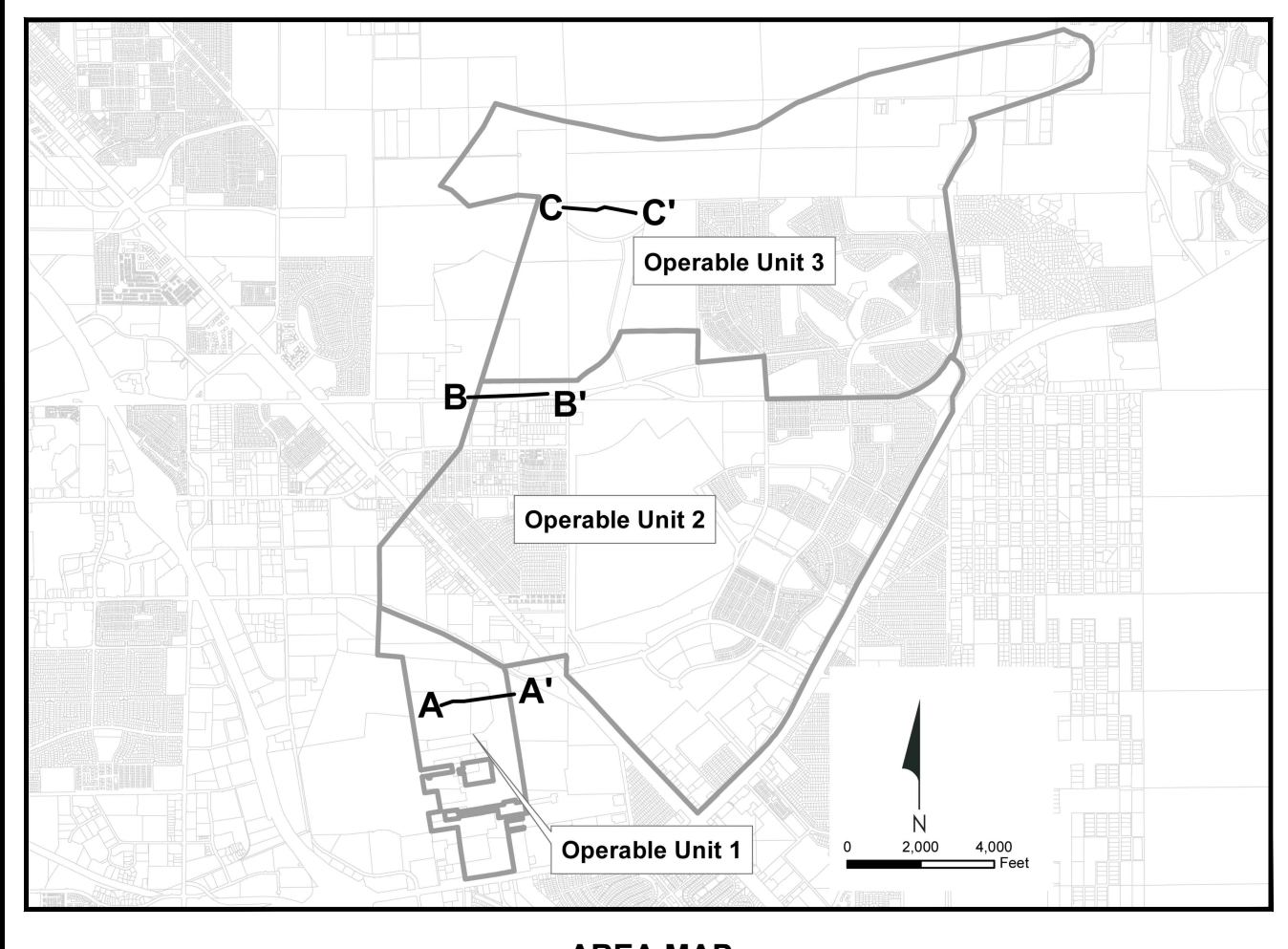
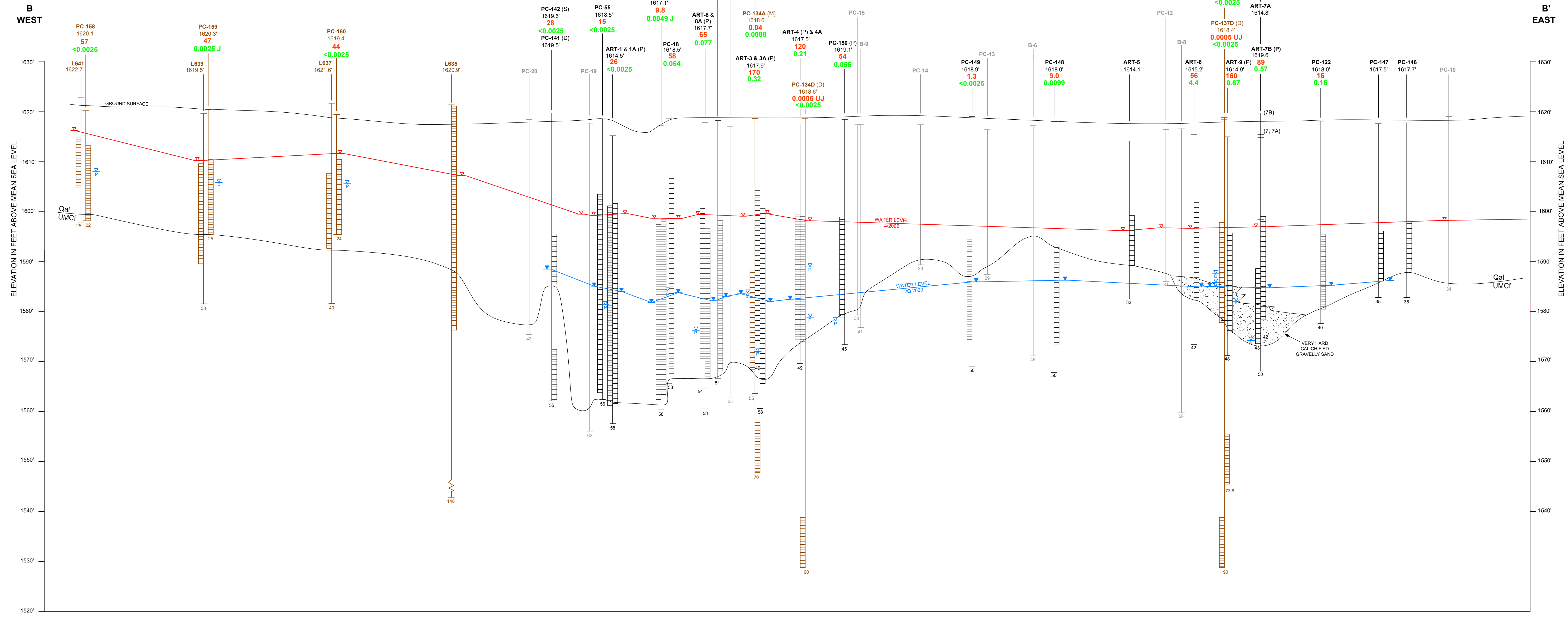
WEST-EAST HYDROGEOLOGIC CROSS-SECTION A - A'
INTERCEPTOR WELL FIELD, SECOND QUARTER 2020
 Annual Performance Report
 Nevada Environmental Response Trust (NERT) Site
 Henderson, Nevada



LEGEND

- UMCF - UPPER MUDDY CREEK FORMATION
 - Gal - ALLUVIUM
 - (P) - PUMPING
 - J+ - ESTIMATED CONCENTRATION, POTENTIAL POSITIVE BIAS
 - J- - ESTIMATED CONCENTRATION, POTENTIAL NEGATIVE BIAS
 - 67 - PERCHLORATE CONCENTRATION, MAY 2020 (mg/L)
 - 0.031 - TOTAL CHROMIUM CONCENTRATION, MAY 2020 (mg/L)
- VERTICAL SCALE IN FEET: 0, 5, 10
 HORIZONTAL SCALE IN FEET: 0, 40, 80
- PROJECTED: 1750.0'
- 1750.0' TOP OF CASING ELEVATION
- SCREENED INTERVAL (S) SHALLOW (M) MIDDLE (D) DEEP (R) RIGHT (L) LEFT
- BLANK CASING
- QAL-UMCF CONTACT
- BOREHOLE DEPTH (FT BGS)
- WELLS UPGRADIENT OF BARRIER WALL:**
- ▽ STATIC WATER LEVEL PRIOR TO INITIAL PUMPING, SEPTEMBER 1987
 - ▽ GROUNDWATER LEVELS MEASURED IN SHALLOW MONITORING WELLS, MAY 2020
 - ▽ WATER LEVEL FROM PUMPING WELL, MAY 2020
 - ▽ WATER LEVEL FROM PUMPING WELL, (PROJECTED), MAY 2020
- WELLS DOWNGRADIENT OF BARRIER WALL:**
- ▽ WATER LEVEL FROM DEEP WELL, MAY 2020
 - ▽ WATER LEVEL FROM MIDDLE WELL, MAY 2020
 - ▽ WATER LEVEL FROM SHALLOW WELL, MAY 2020

- NOTES:**
- The shallow, middle, and deep screened interval designations are used to distinguish well screens in this cross section and do not refer to NDEP's definition of the water bearing zones (WBZs).
 - Total depth labeled is rounded to the nearest foot.
 - Water levels from pumping wells, upgradient projected wells, and downgradient wells are not used for interpolating.
 - Non-detect concentrations are labeled with "<*" and the sample quantitation limit value.



LEGEND

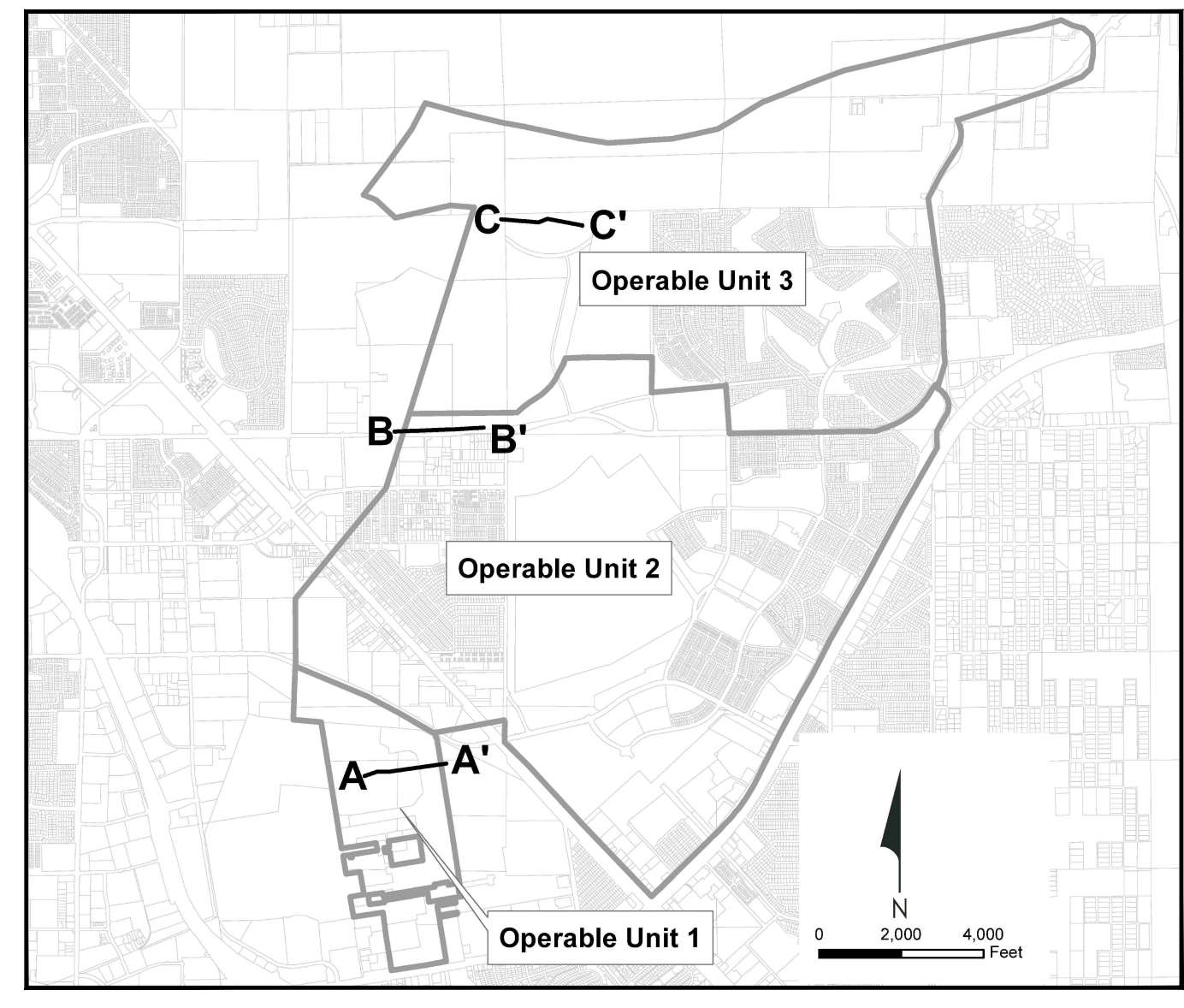
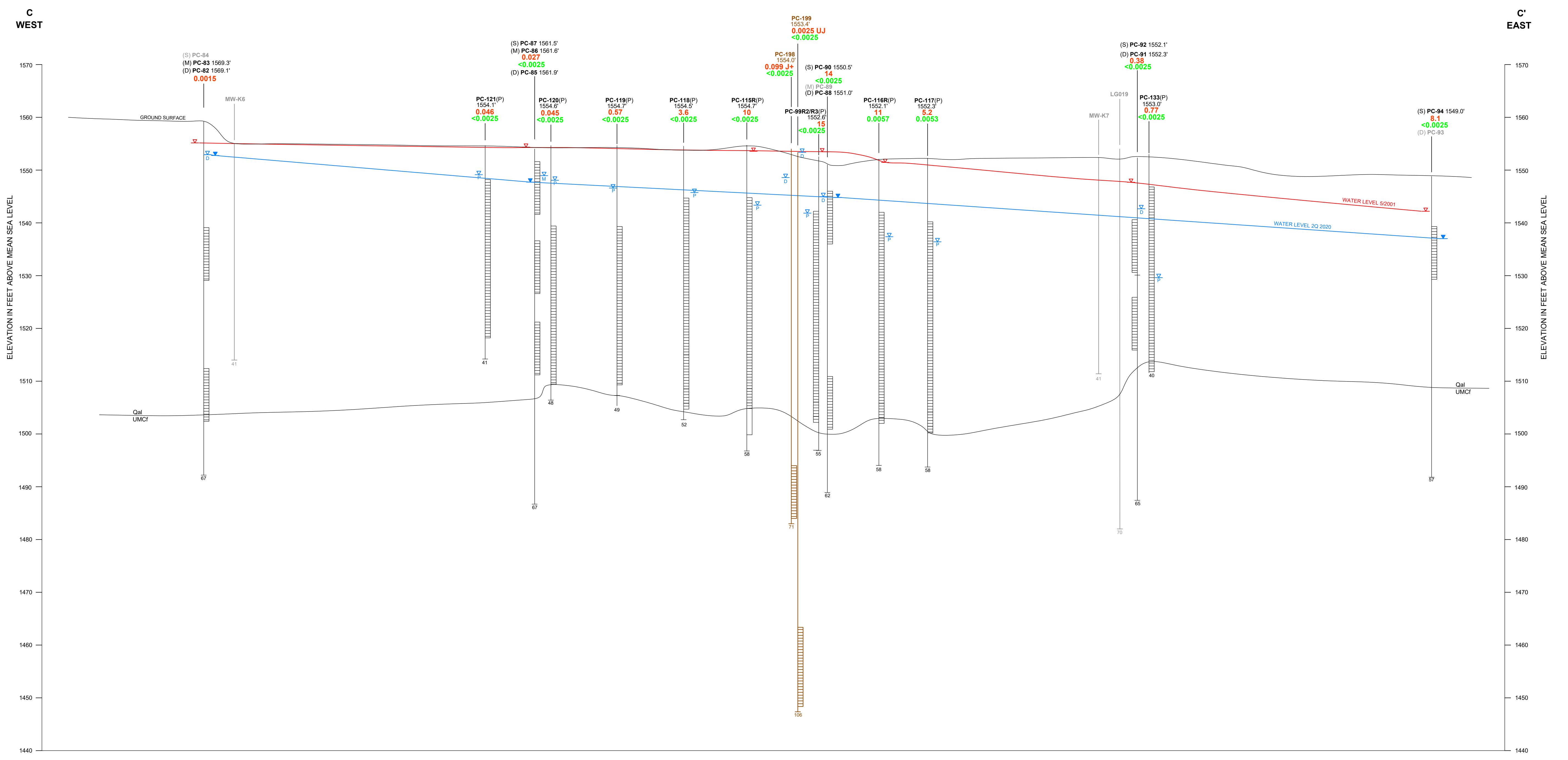
- UMCF - UPPER MUDDY CREEK FORMATION -
- Qal - ALLUVIUM
- (P) - PUMPING
- J - ESTIMATED CONCENTRATION
- ESTIMATED CONCENTRATION AT OR BELOW QUANTIFICATION LIMIT
- 58 - PERCHLORATE CONCENTRATION, MAY 2020 (mg/L)
- 0.064 - TOTAL CHROMIUM CONCENTRATION, MAY 2020 (mg/L)
- PLUGGED AND ABANDONED
- 1750.0' - PROJECTED
- 1750.0' - TOP OF CASING ELEVATION
- SCREENED INTERVAL (S) SHALLOW (M) MIDDLE (D) DEEP (R) RIGHT (L) LEFT
- BLANK CASING
- QAL-UMCF CONTACT
- BOREHOLE DEPTH (FT BGS)
- ▽ - STATIC WATER LEVEL PRIOR TO INITIAL PUMPING, APRIL 2002
- ▽ - GROUNDWATER LEVELS MEASURED IN SHALLOW MONITORING WELLS, MAY 2020
- ▽ - WATER LEVEL FROM PUMPING WELL, MAY 2020
- ▽ - WATER LEVEL FROM DEEP WELL, MAY 2020
- ▽ - WATER LEVEL FROM MIDDLE WELL, MAY 2020

NOTES:

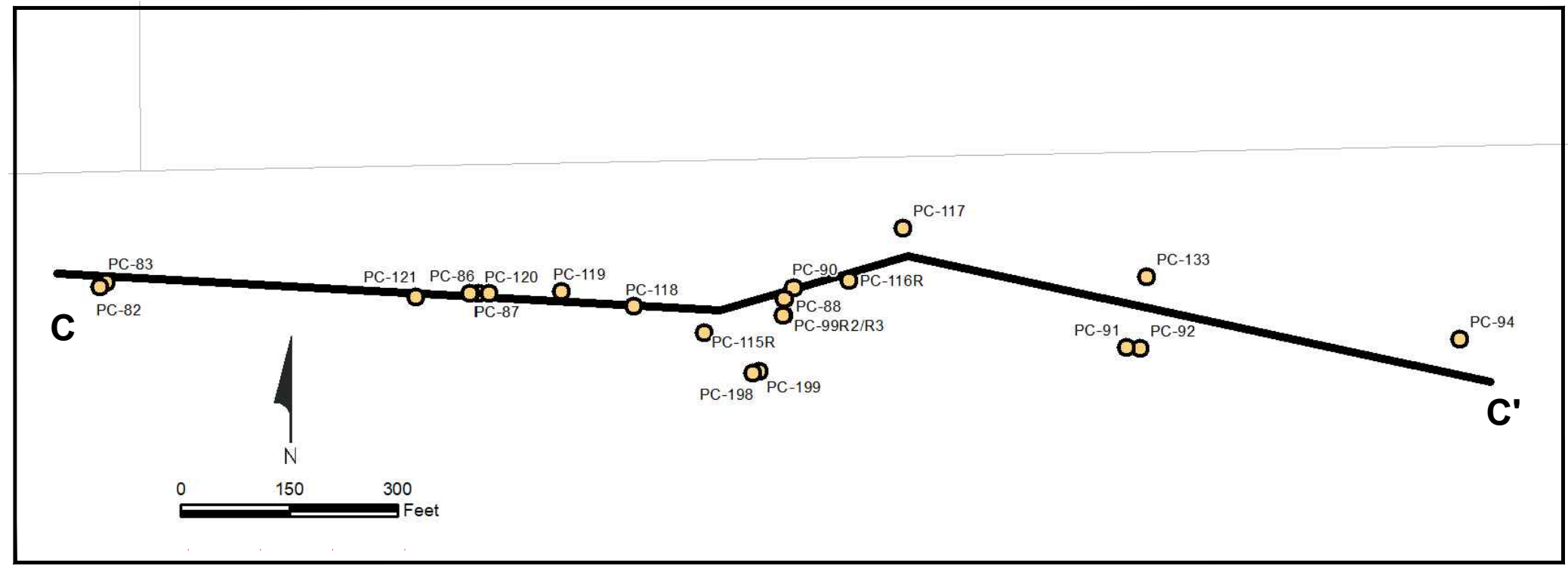
- The shallow, middle, and deep screened interval designations are used to distinguish well screens in this cross section and do not refer to NDEP's definition of the water bearing zones (WBZs).
- Total depth labeled is rounded to the nearest foot.
- Water levels from pumping, middle, and deep wells are not used for interpolating.
- Non-detect concentrations are labeled with "c" and the sample quantitation limit value.

DESIGNED BY:	NO.	REVISIONS:
DRAWN BY:	0	DESCRIPTION:
CHECKED BY:		GENERATE APPROVED CROSS-SECTION
APPROVED BY:		
CJR		
DATE:	08/24/20	BY:
		DLB

WEST-EAST HYDROGEOLOGIC CROSS-SECTION B - B'
ATHENS ROAD WELL FIELD, SECOND QUARTER 2020
 Annual Performance Report
 Nevada Environmental Response Trust (NERT) Site
 Henderson, Nevada



AREA MAP



CROSS-SECTION LOCATION

LEGEND

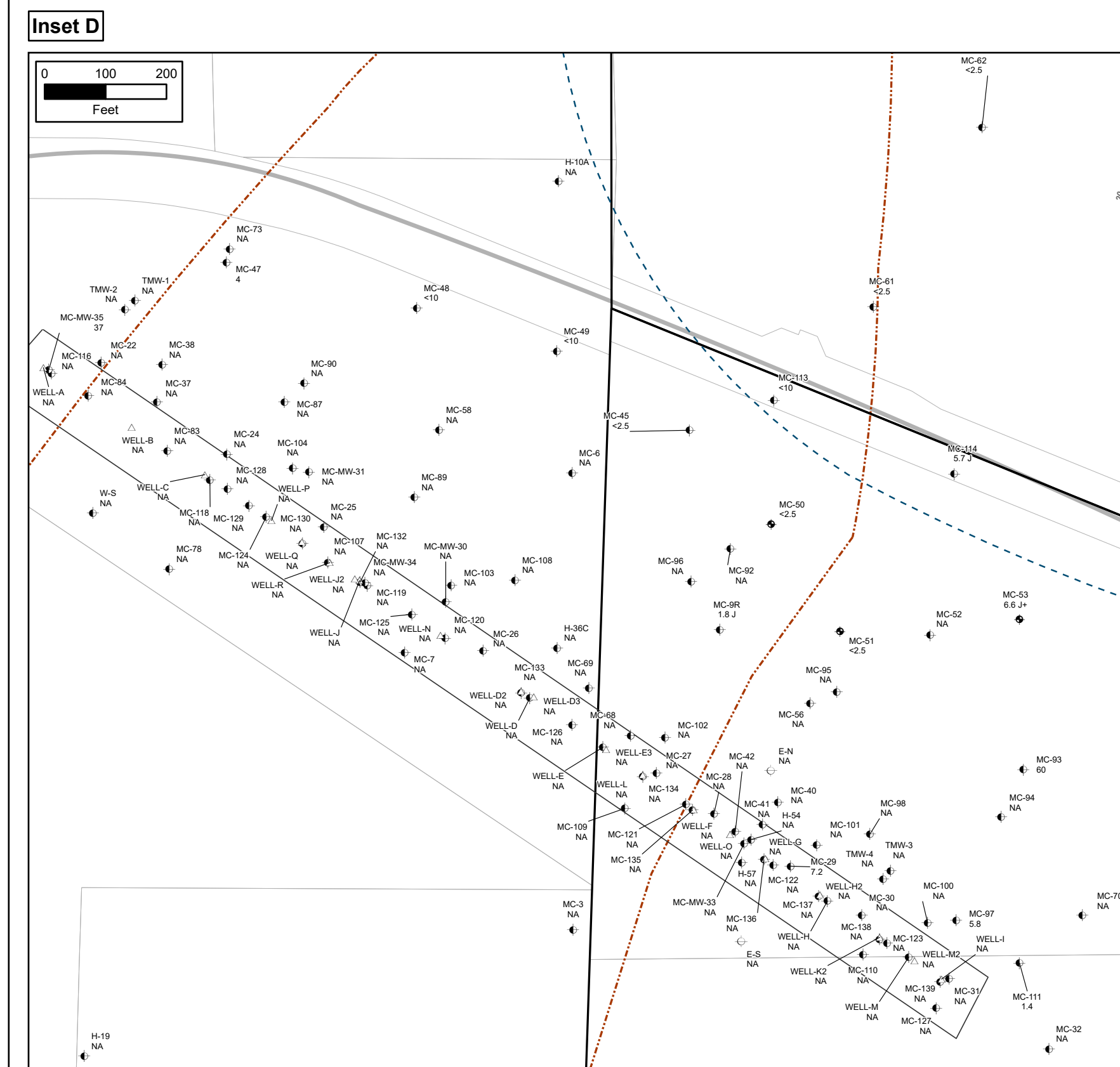
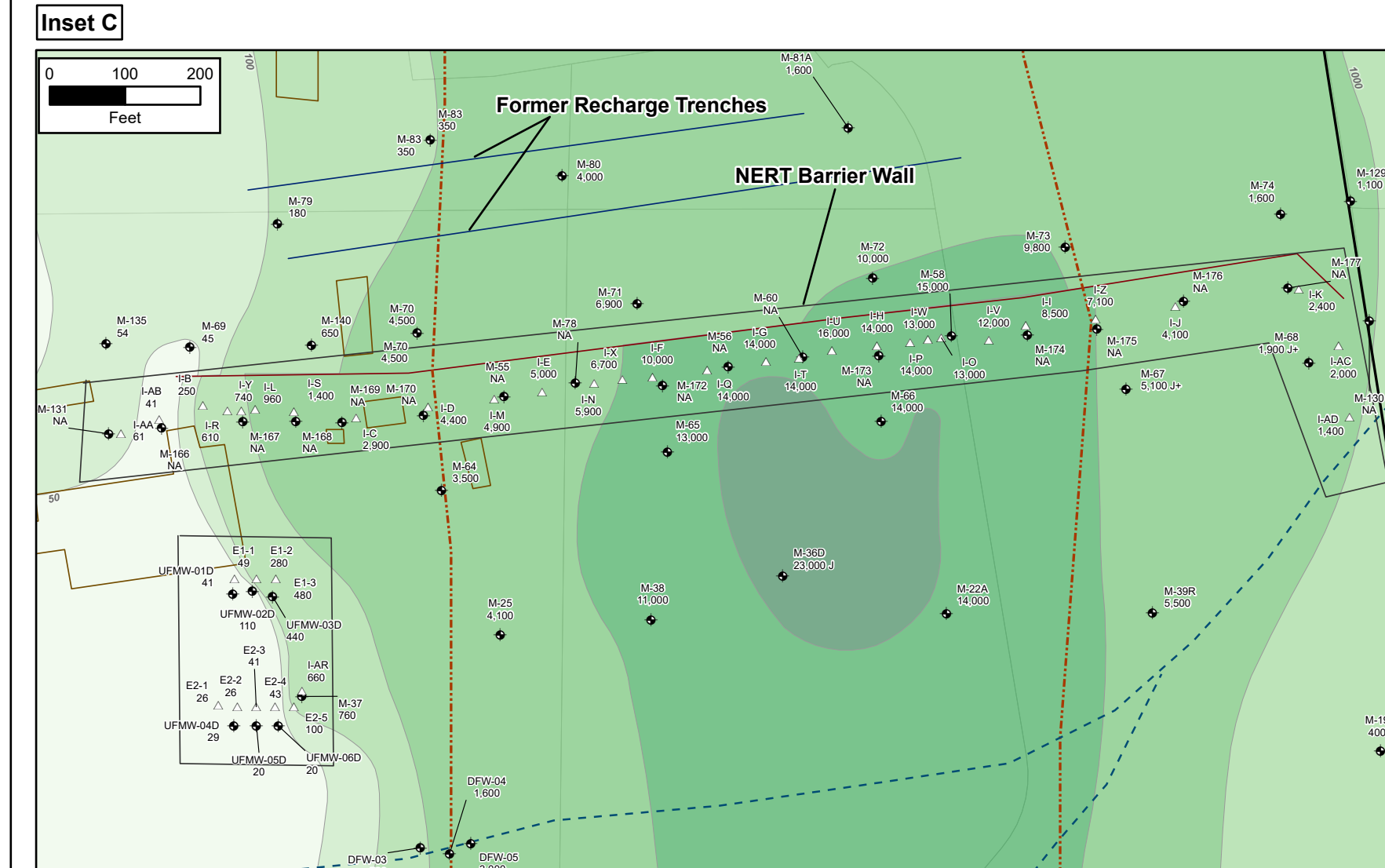
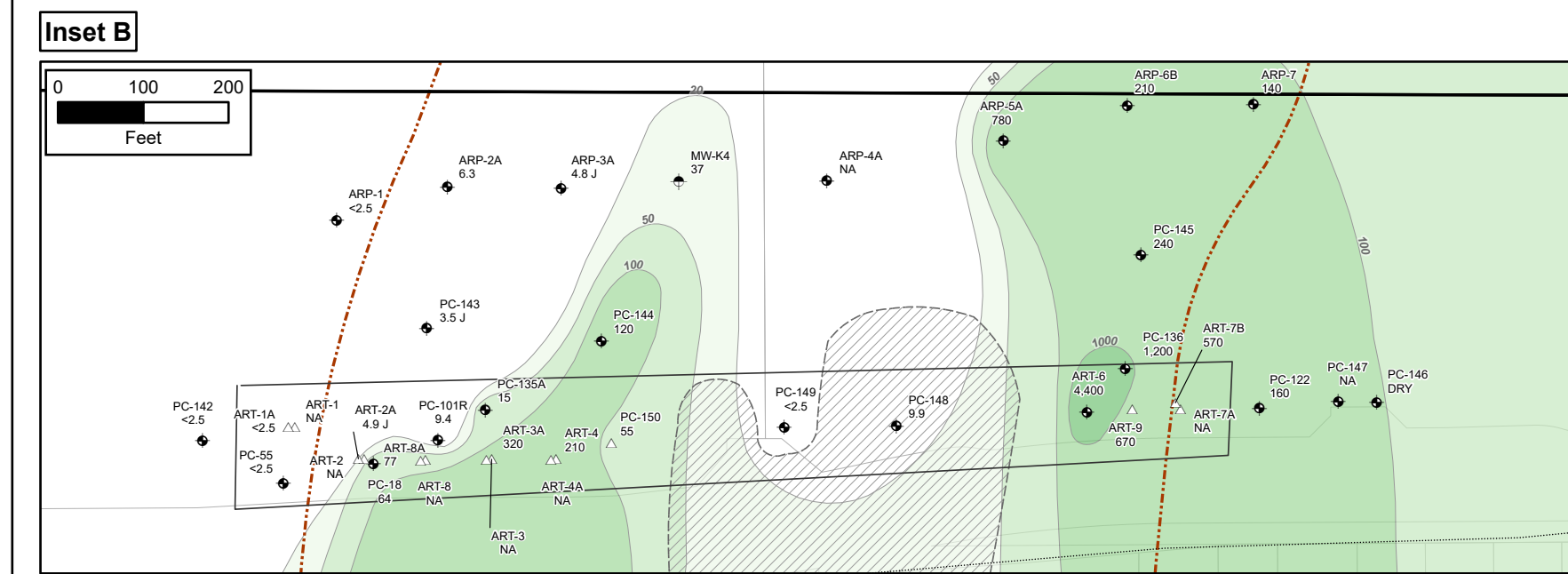
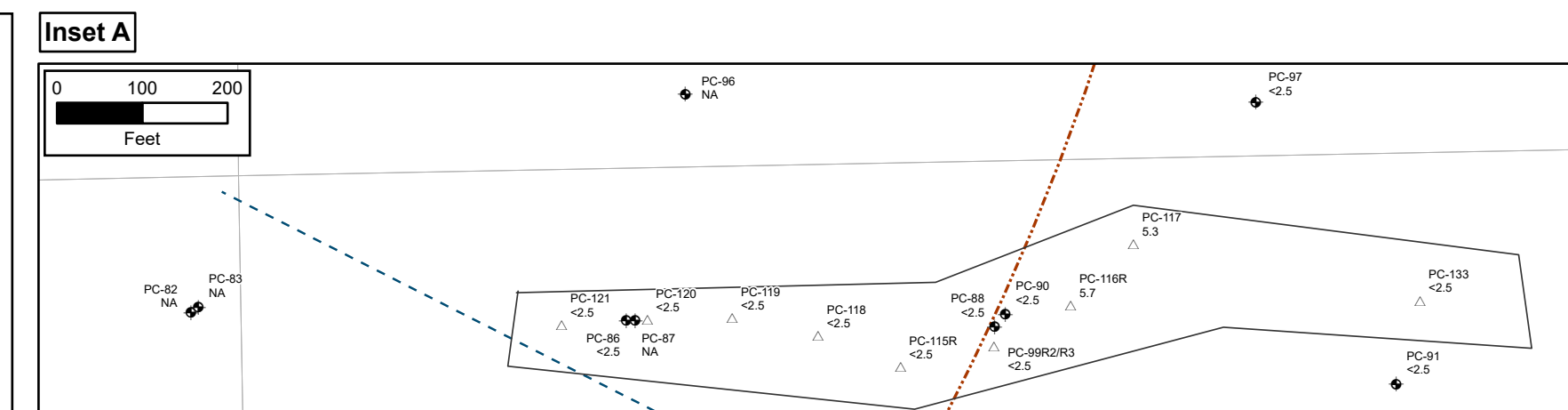
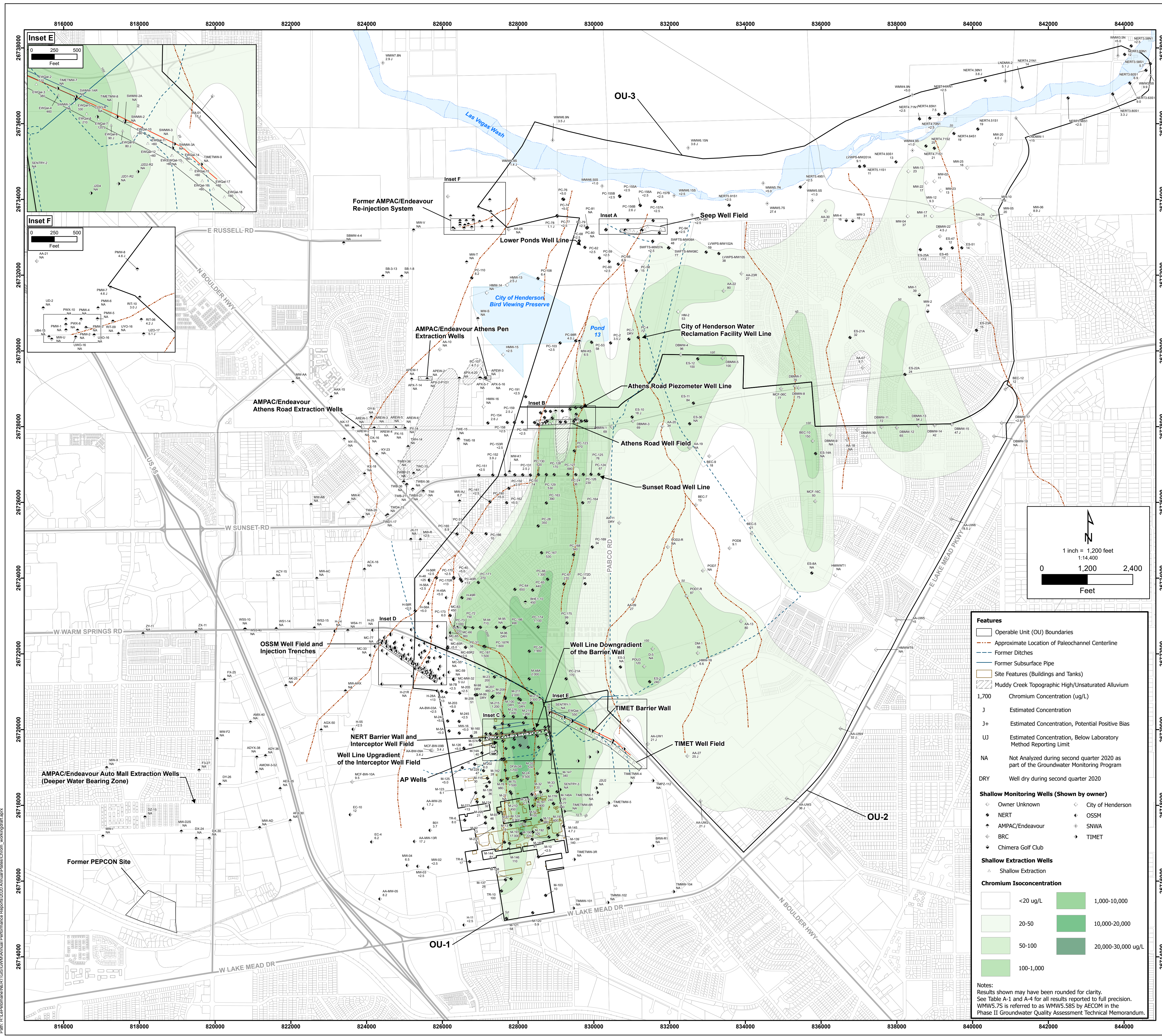
- UMCf - UPPER MUDDY CREEK FORMATION -
- Qal ALLUVIUM
- (P) - PUMPING
- ± - ESTIMATED CONCENTRATION, POTENTIAL POSITIVE BIAS
- UJ - ESTIMATED CONCENTRATION AT OR BELOW QUANTIFICATION LIMIT
- 3.6 - PERCHLORATE CONCENTRATION, MAY 2020 (mg/L)
- <0.0025 - TOTAL CHROMIUM CONCENTRATION, MAY 2020 (mg/L)
- PLUGGED AND ABANDONED 1750.0'
- PROJECTED 1750.0'
- 1750.0' TOP OF CASING ELEVATION
- SCREENED INTERVAL (S) SHALLOW (M) MIDDLE (D) DEEP
- BLANK CASING
- QAL-UMCF CONTACT
- BOREHOLE DEPTH (FT BGS)
- ▽ - STATIC WATER LEVEL PRIOR TO INITIAL PUMPING, MAY 2001
- ▽ - GROUNDWATER LEVELS MEASURED IN SHALLOW MONITORING WELLS, MAY 2020
- ▽ - WATER LEVEL FROM PUMPING WELL, MAY 2020
- ▽ - WATER LEVEL FROM DEEP WELL, MAY 2020
- ▽ - WATER LEVEL FROM MIDDLE WELL, MAY 2020

NOTES:

- 1) The shallow, middle, and deep screened interval designations are used to distinguish well screens in this cross section and do not refer to NDEP's definition of the water bearing zones (WBZs).
- 2) Total depth labeled is rounded to the nearest foot.
- 3) Water levels from pumping, middle, and deep wells are not used for interpolating groundwater level.
- 4) Non-detect concentrations are labelled with "< " and the sample quantitation limit value.
- 5) Water level in PC-199 was observed at the top of casing (1553.36 ft amsl). The possibility of artesian conditions at this location will be evaluated as more data are collected.

DESIGNED BY:	EJK/HR
DRAWN BY:	RS/DLB
CHECKED BY:	HR/DLB
APPROVED BY:	CS/R
NO.	0
DESCRIPTION:	GENERATE APPROVED CROSS-SECTION
DATE:	08/24/20
BY:	DLB

WEST-EAST HYDROGEOLOGIC CROSS-SECTION C - C'
SEEP WELL FIELD, SECOND QUARTER 2020
 Annual Performance Report
 Nevada Environmental Response Trust (NERT) Site
 Henderson, Nevada



Features

- Operable Unit (OU) Boundaries
- Approximate Location of Paleochannel Centerline
- Former Ditches
- Former Subsurface Pipe
- Site Features (Buildings and Tanks)
- Muddy Creek Topographic High/Unsaturated Alluvium

Chromium Concentration (ug/L)

- 1,700 Estimated Concentration
- J+ Estimated Concentration, Potential Positive Bias
- UJ Estimated Concentration, Below Laboratory Method Reporting Limit
- NA Not Analyzed during second quarter 2020 as part of the Groundwater Monitoring Program
- DRY Well dry during second quarter 2020

Shallow Monitoring Wells (Shown by owner)

- Owner Unknown
- NERT
- AMPAC/Endeavour
- BRC
- Chimera Golf Club
- City of Henderson
- OSSM
- SNWA
- TIMET

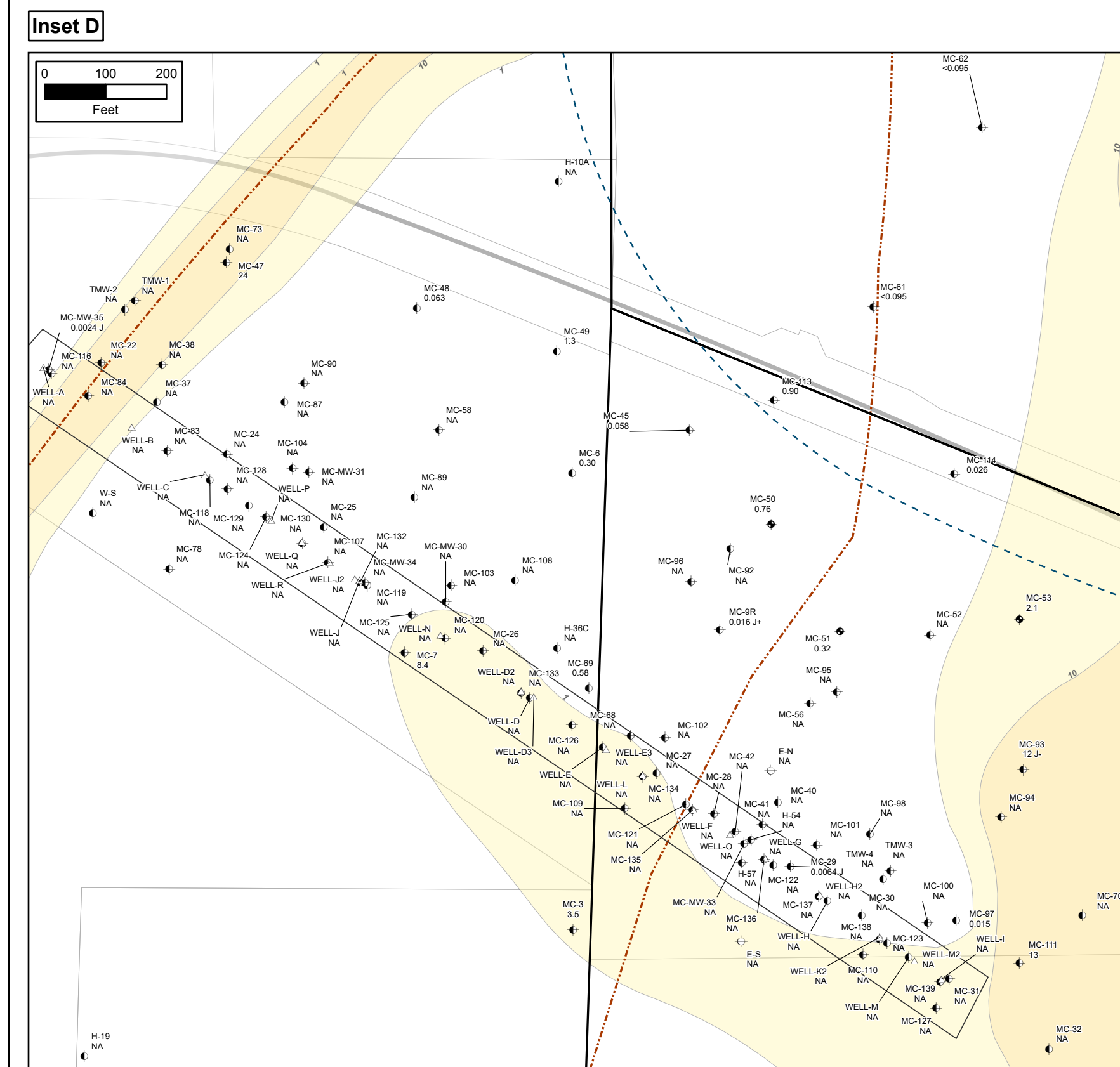
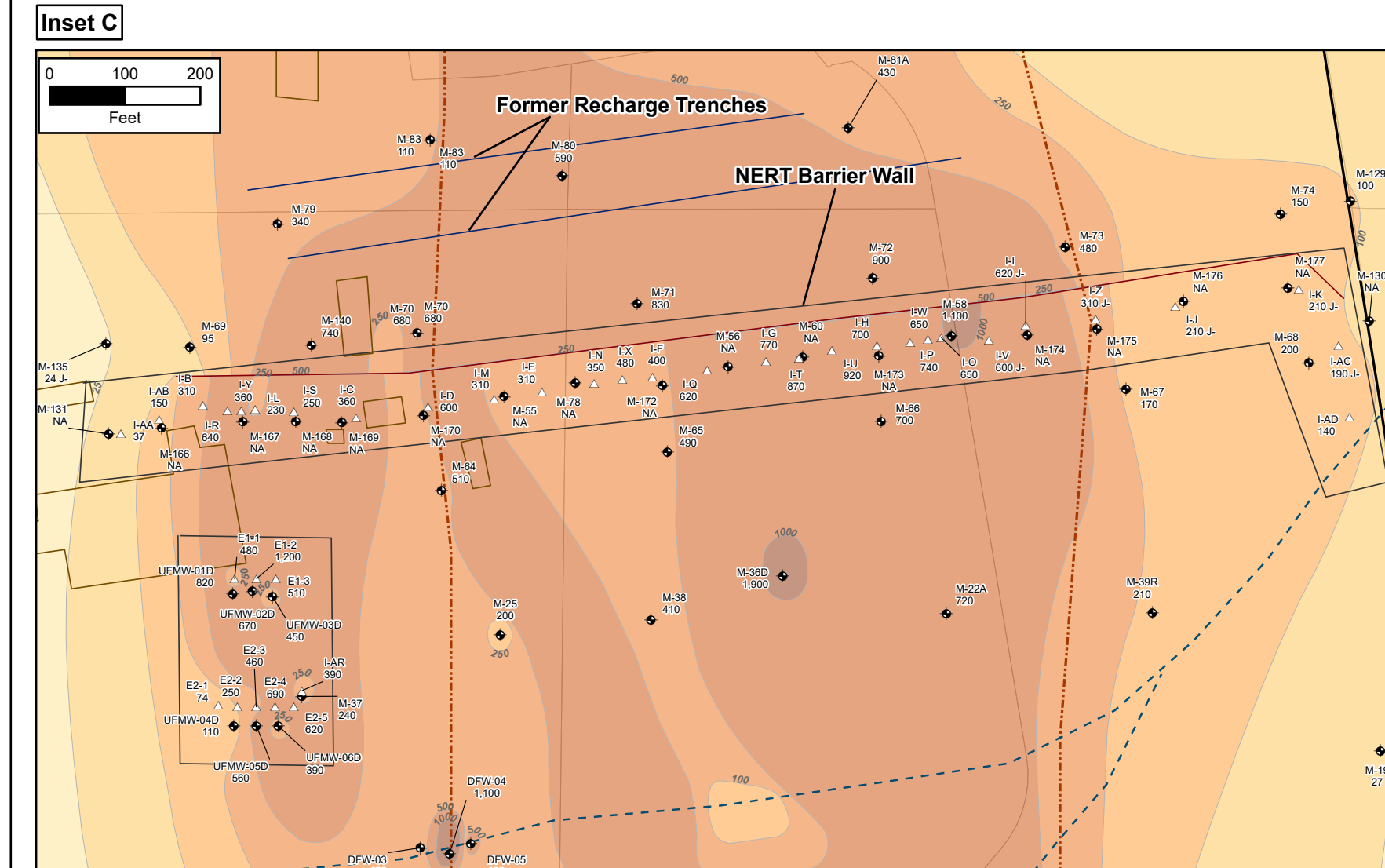
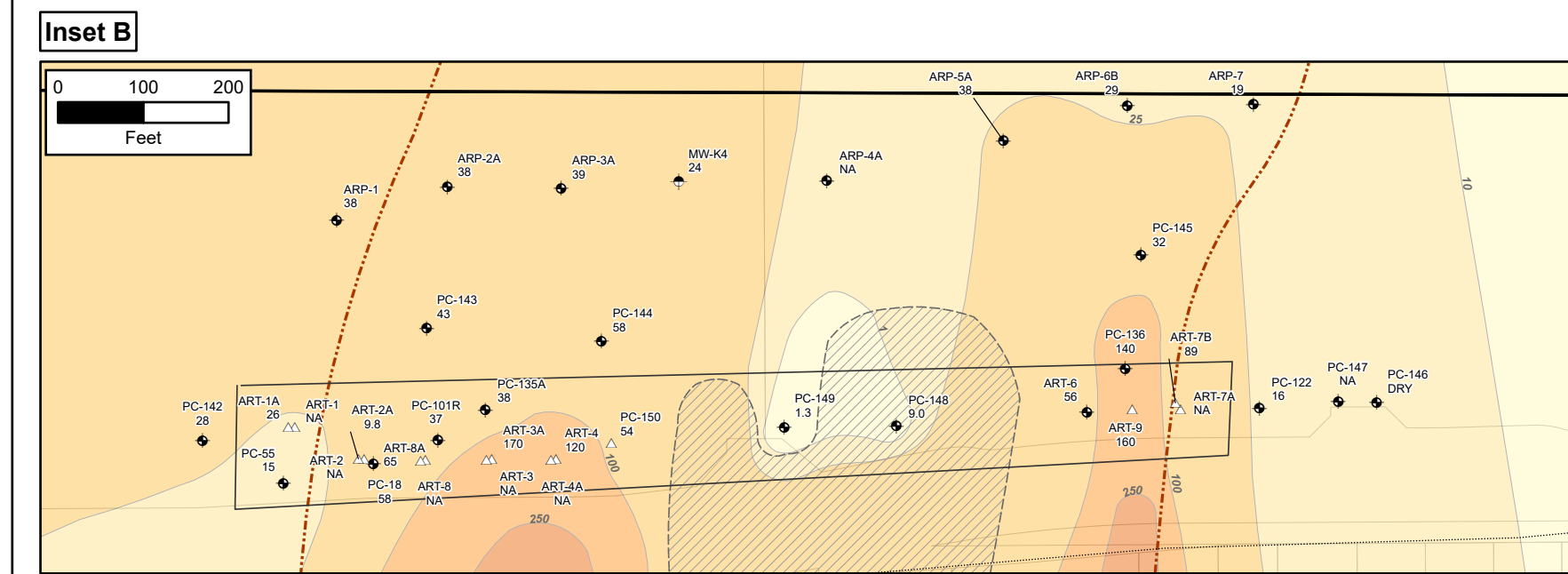
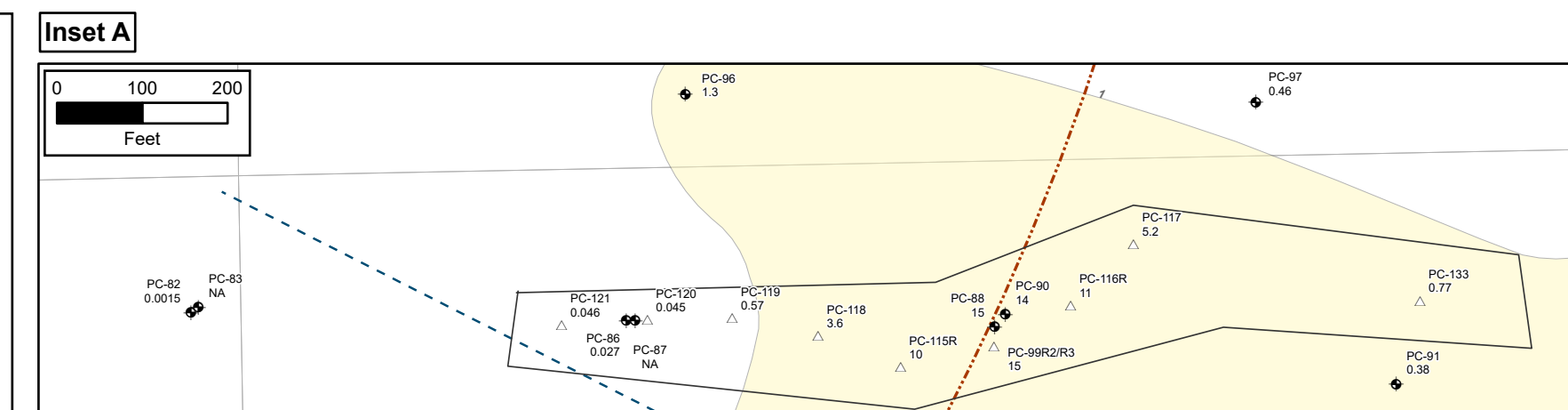
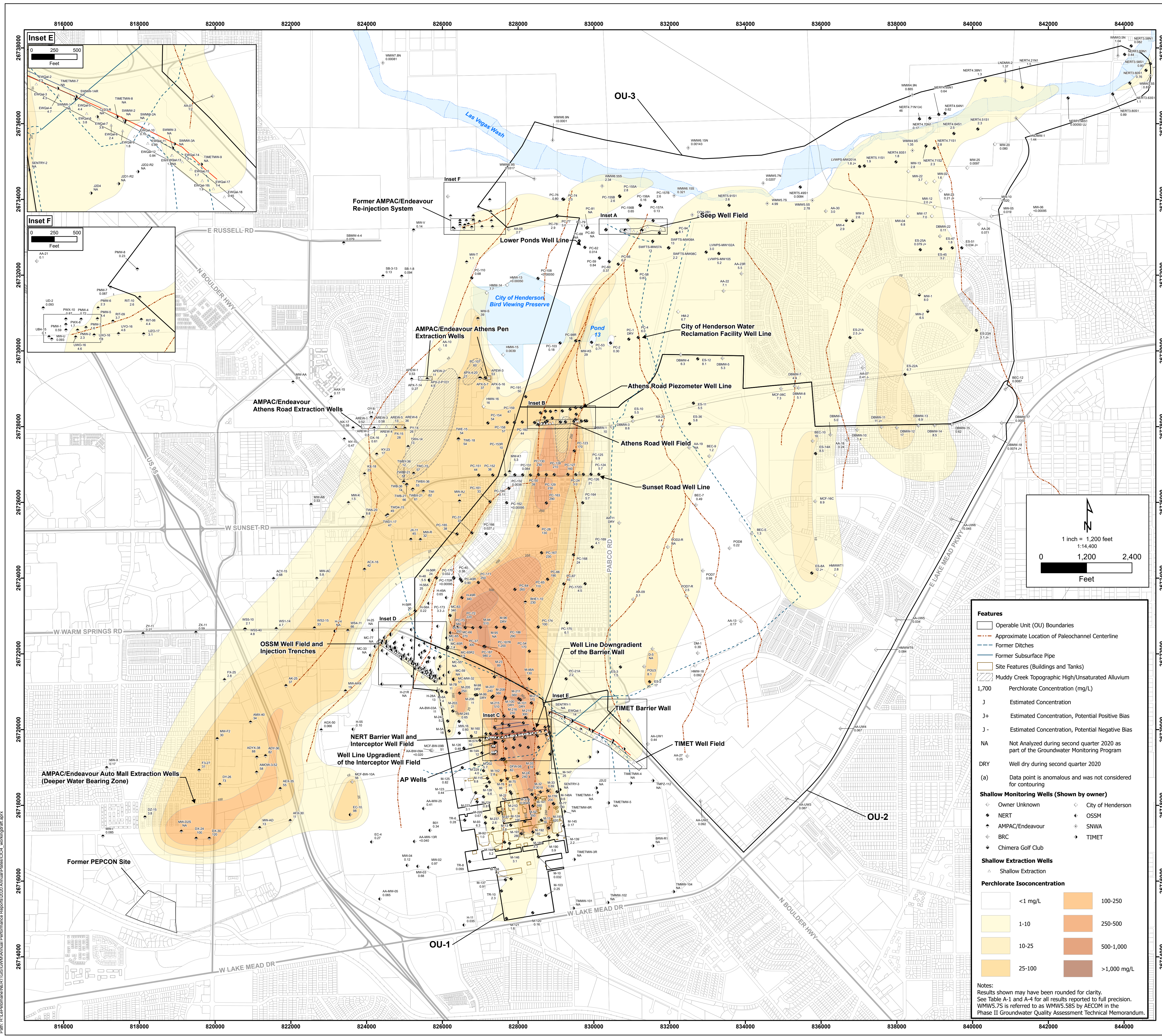
Shallow Extraction Wells

- Shallow Extraction

Chromium Isoconcentration

- <20 ug/L
- 20-50
- 50-100
- 100-1,000
- 1,000-10,000
- 10,000-20,000
- 20,000-30,000 ug/L

Notes:
 Results shown may have been rounded for clarity. See Table A-1 and A-4 for all results reported to full precision. WMW5.75 is referred to as WMW5.585 by AECOM in the Phase II Groundwater Quality Assessment Technical Memorandum.



Features

- Operable Unit (OU) Boundaries
- Approximate Location of Paleochannel Centerline
- Former Ditches
- Former Subsurface Pipe
- Site Features (Buildings and Tanks)
- Muddy Creek Topographic High/Unsaturated Alluvium

1,700 Perchlorate Concentration (mg/L)
J Estimated Concentration
J+ Estimated Concentration, Potential Positive Bias
J- Estimated Concentration, Potential Negative Bias
NA Not Analyzed during second quarter 2020 as part of the Groundwater Monitoring Program
DRY Well dry during second quarter 2020
(a) Data point is anomalous and was not considered for contouring

Shallow Monitoring Wells (Shown by owner)

- Owner Unknown
- NERT
- AMPAC/Endeavour
- BRC
- Chimera Golf Club
- City of Henderson
- OSSM
- SNWA
- TIMET

Shallow Extraction Wells

- Shallow Extraction

Perchlorate Isoconcentration

<1 mg/L	100-250
1-10	250-500
10-25	500-1,000
25-100	>1,000 mg/L

Notes:
 Results shown may have been rounded for clarity. See Table A-1 and A-4 for all results reported to full precision. WMW5.75 is referred to as WMW5.585 by AECOM in the Phase II Groundwater Quality Assessment Technical Memorandum.

Plate 6

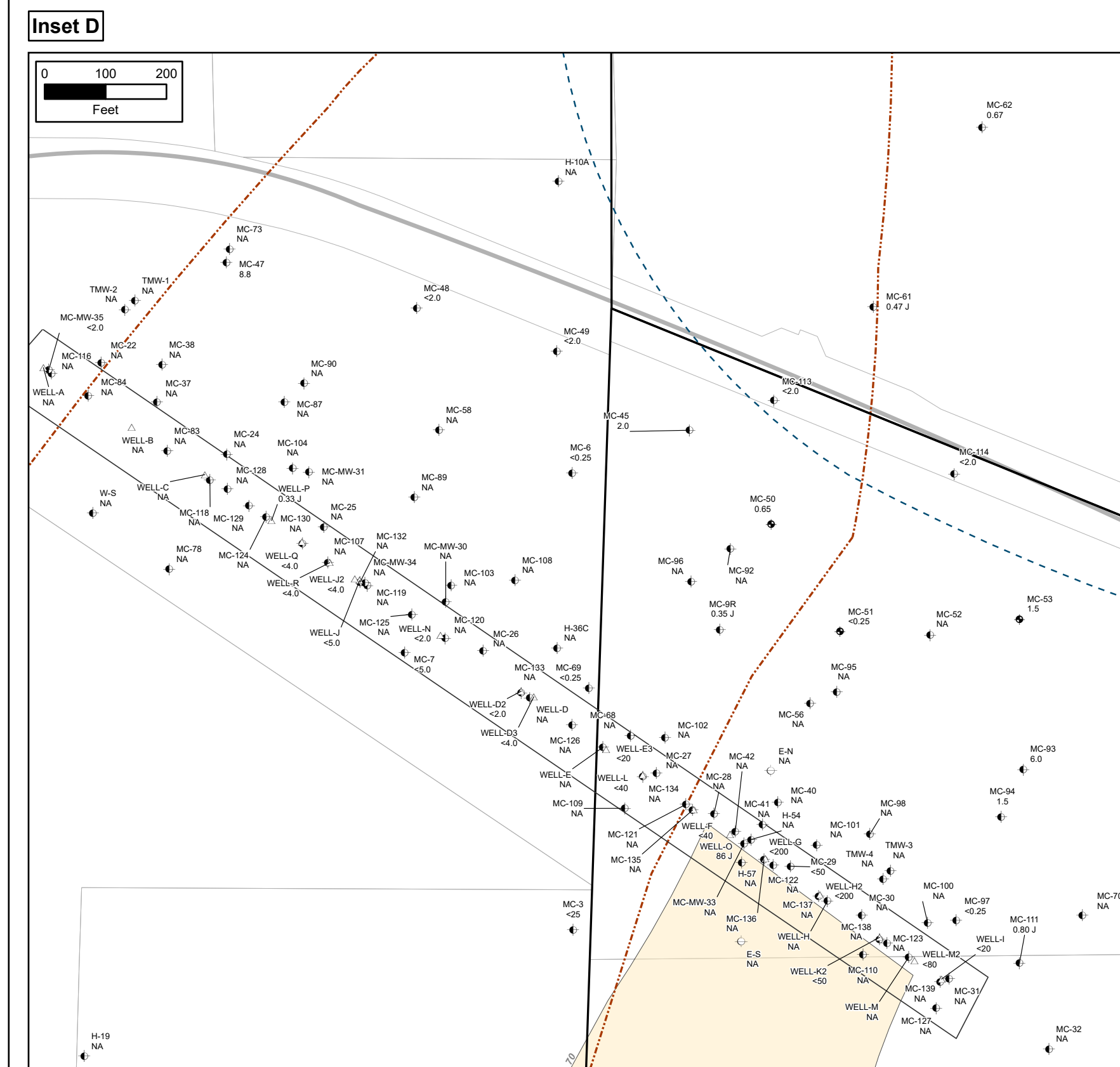
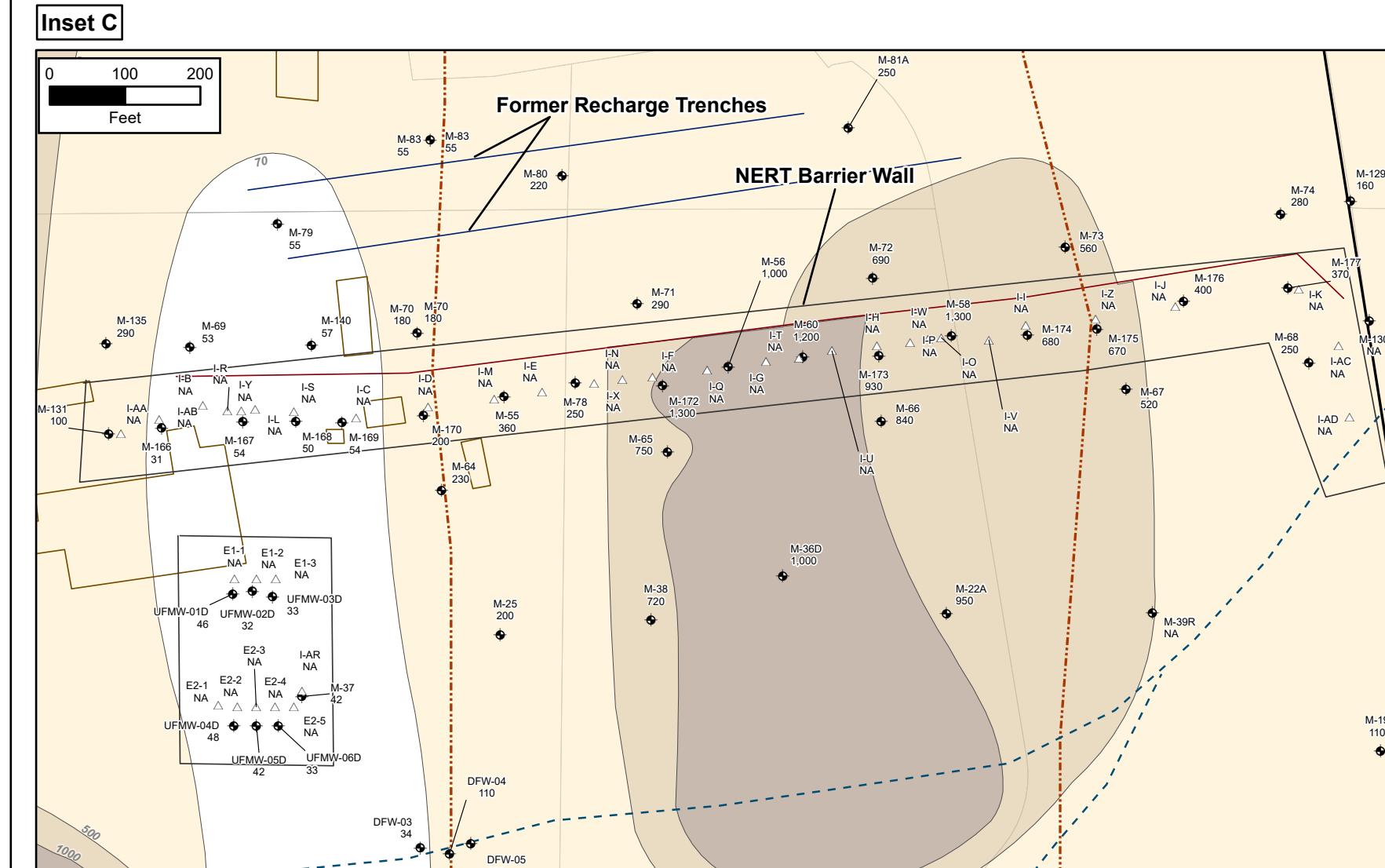
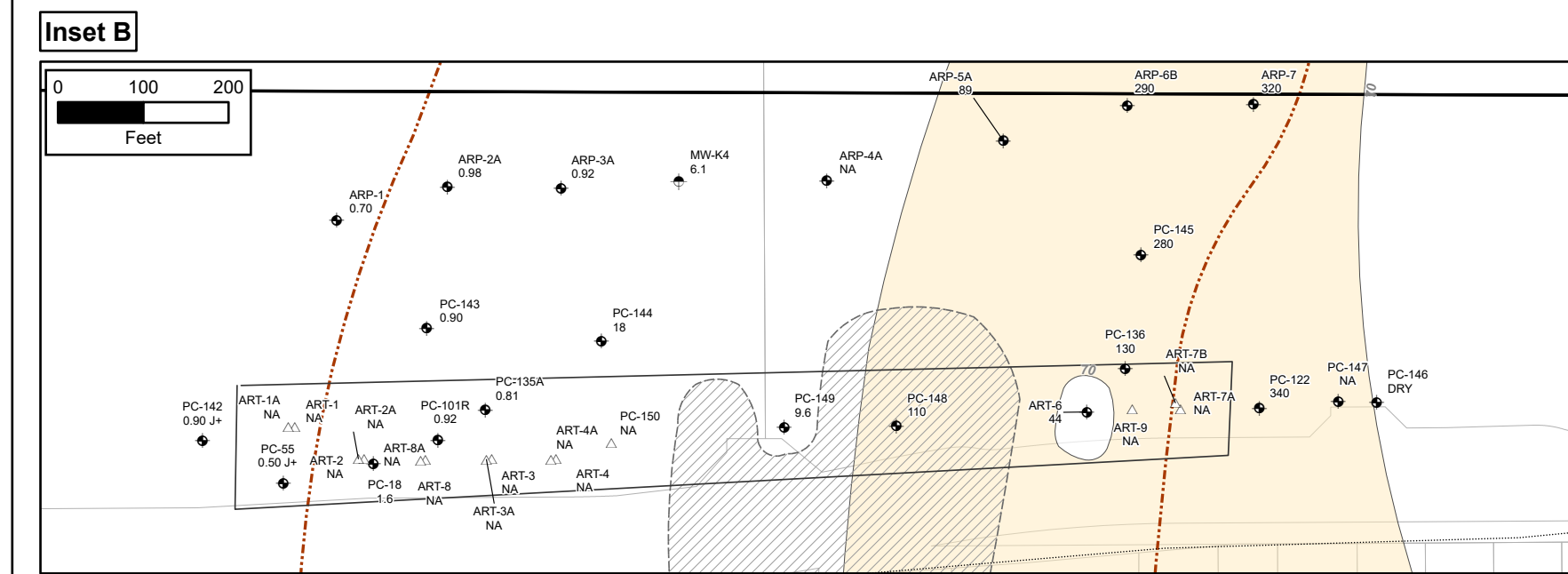
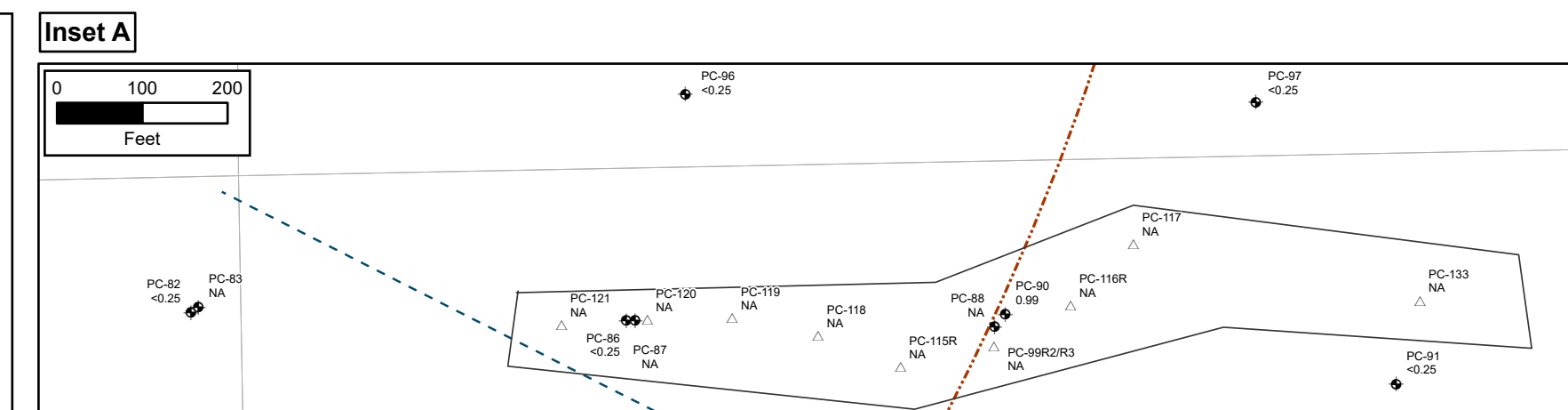
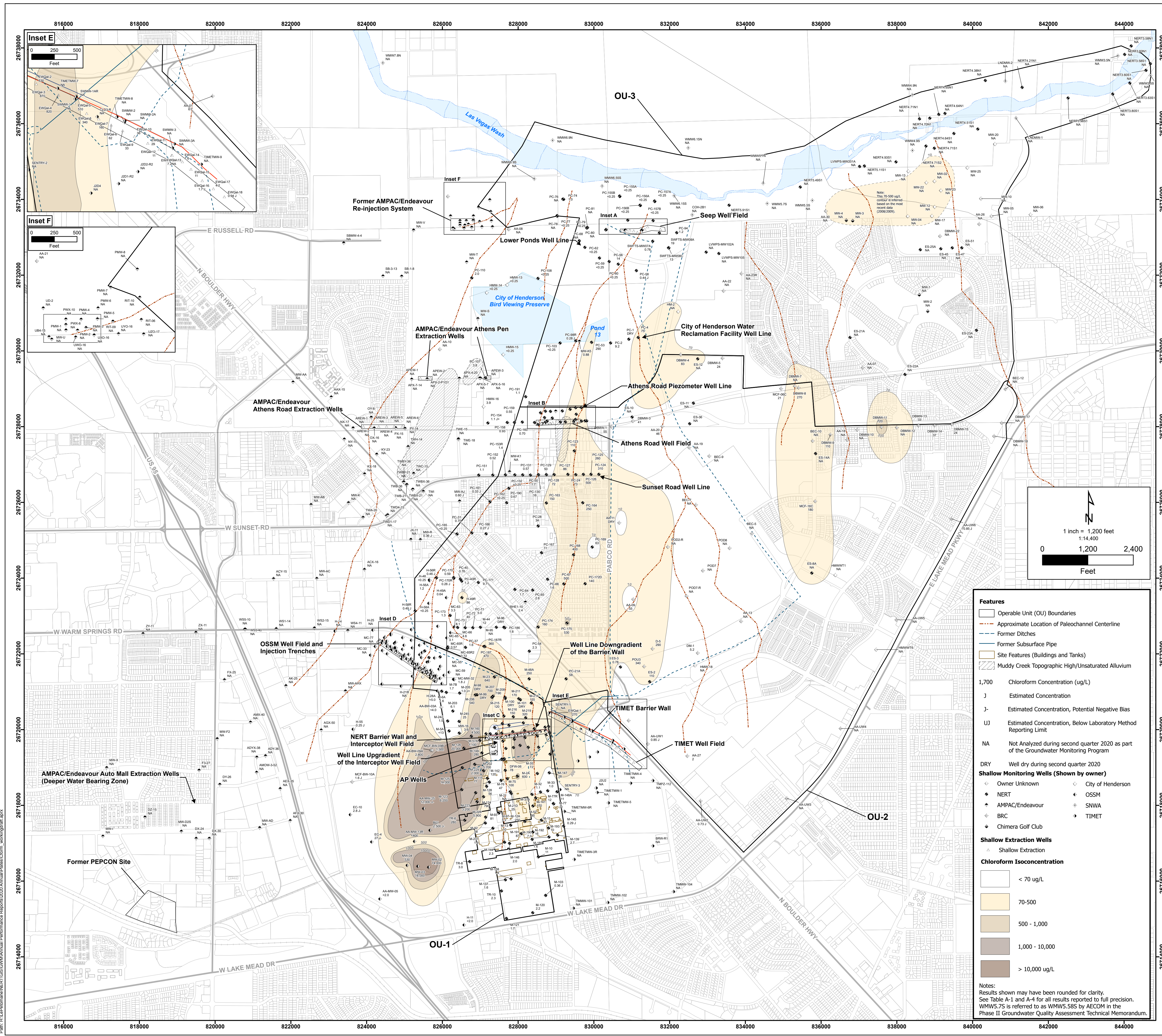
**GROUNDWATER PERCHLORATE MAP
 SHALLOW WATER-BEARING ZONE
 SECOND QUARTER 2020**

Annual Performance Report
 Nevada Environmental Response Trust (NERT)
 Henderson, Nevada

RAMBOLL

Coordinate System: NAD 1983 StatePlane Nevada East FIPS 2701 Feet
 Projection: Transverse Mercator
 Datum: North American 1983

PROJECT: 169001198-031
 DRAFTED BY: RZM/AD
 DATE: 11/30/2020



Features

- Operable Unit (OU) Boundaries
- Approximate Location of Paleochannel Centerline
- Former Ditches
- Former Subsurface Pipe
- Site Features (Buildings and Tanks)
- Muddy Creek Topographic High/Unsaturated Alluvium

1,700 Chloroform Concentration (ug/L)

J Estimated Concentration

J- Estimated Concentration, Potential Negative Bias

UJ Estimated Concentration, Below Laboratory Method Reporting Limit

NA Not Analyzed during second quarter 2020 as part of the Groundwater Monitoring Program

DRY Well dry during second quarter 2020

Shallow Monitoring Wells (Shown by owner)

- Owner Unknown
- NERT
- AMPAC/Endeavour
- BRC
- Chimera Golf Club
- City of Henderson
- OSSM
- SNWA
- TIMET

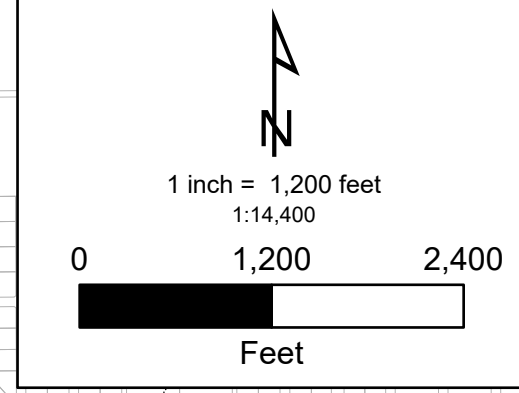
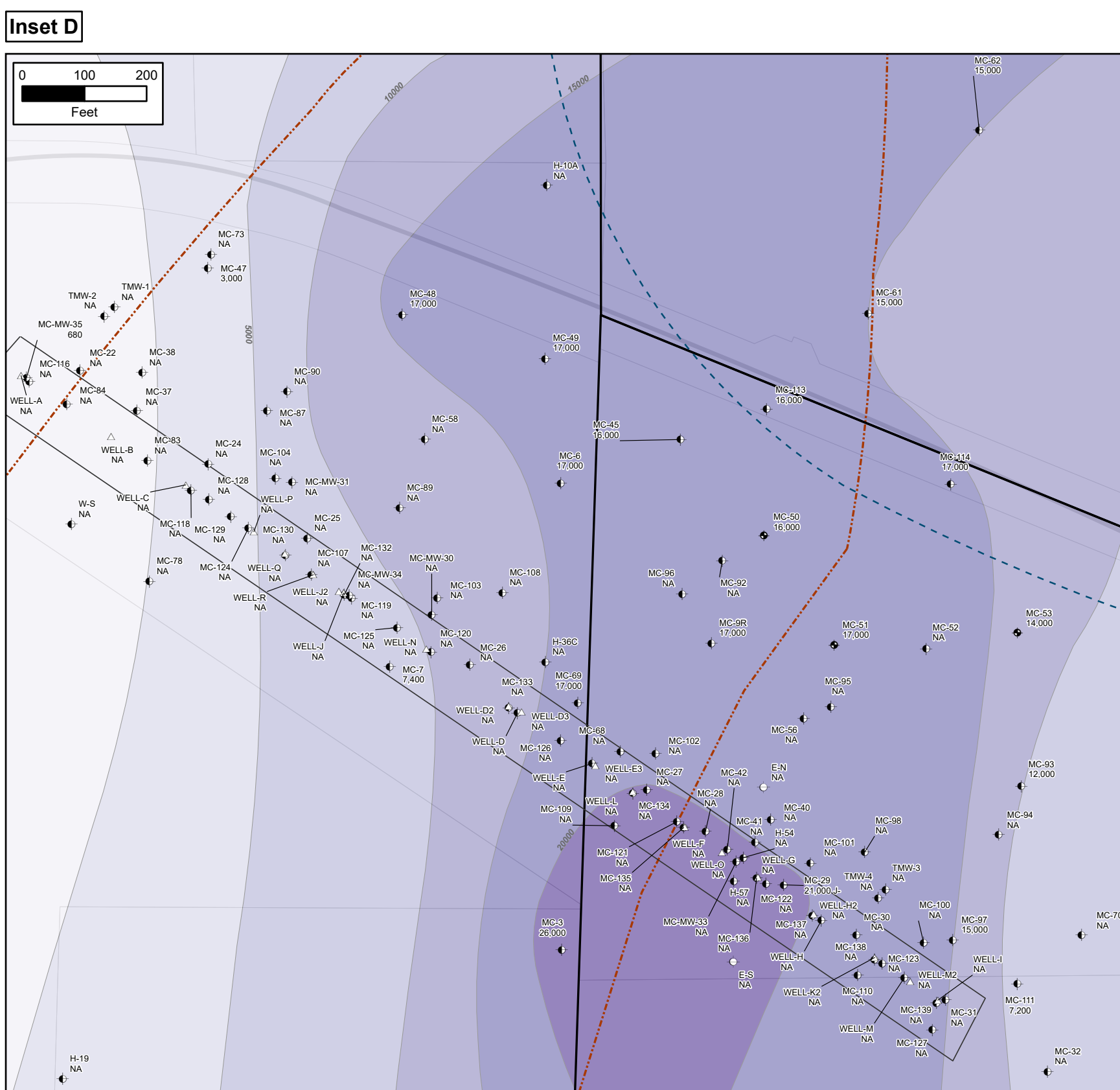
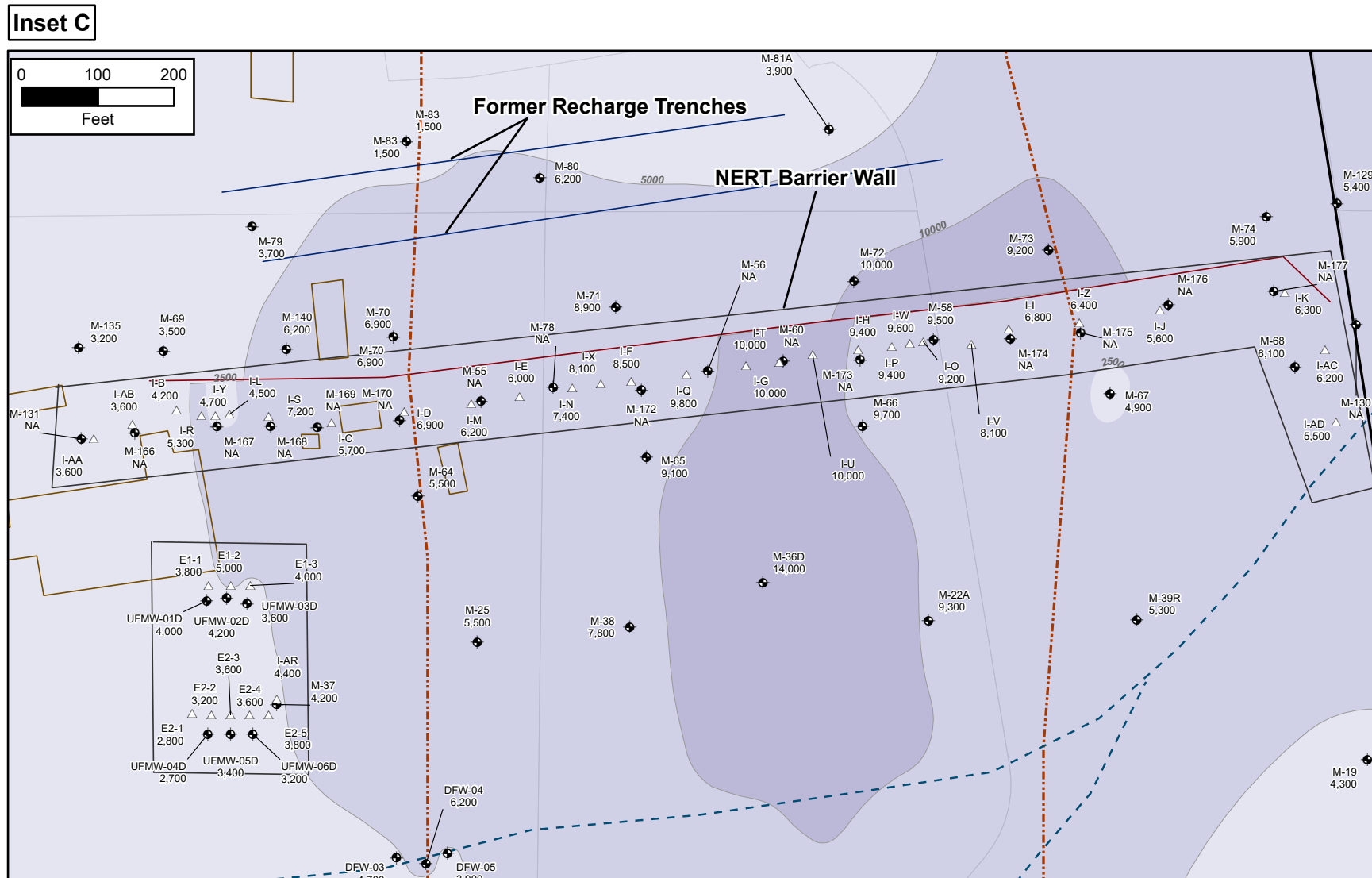
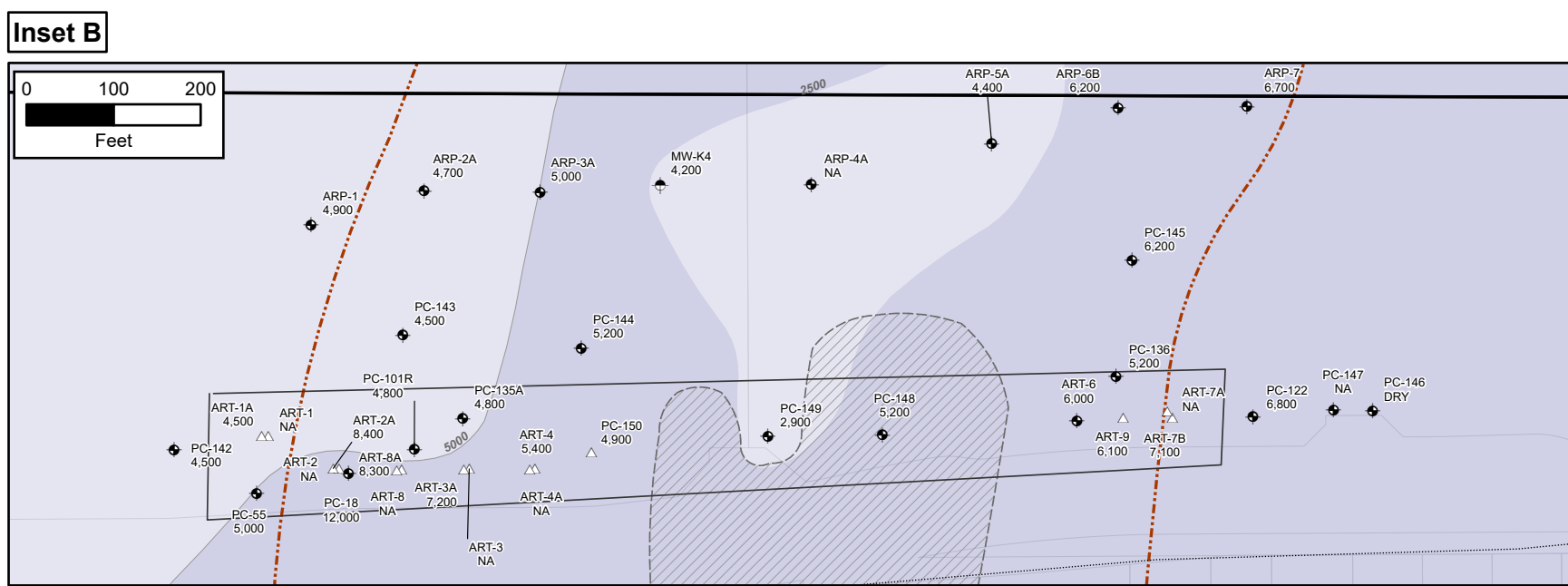
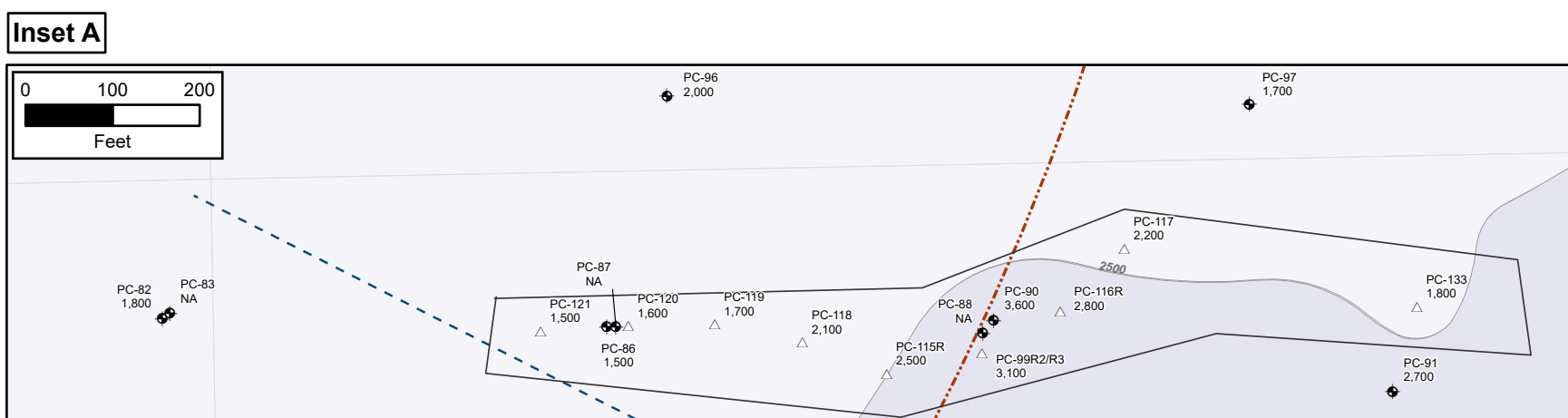
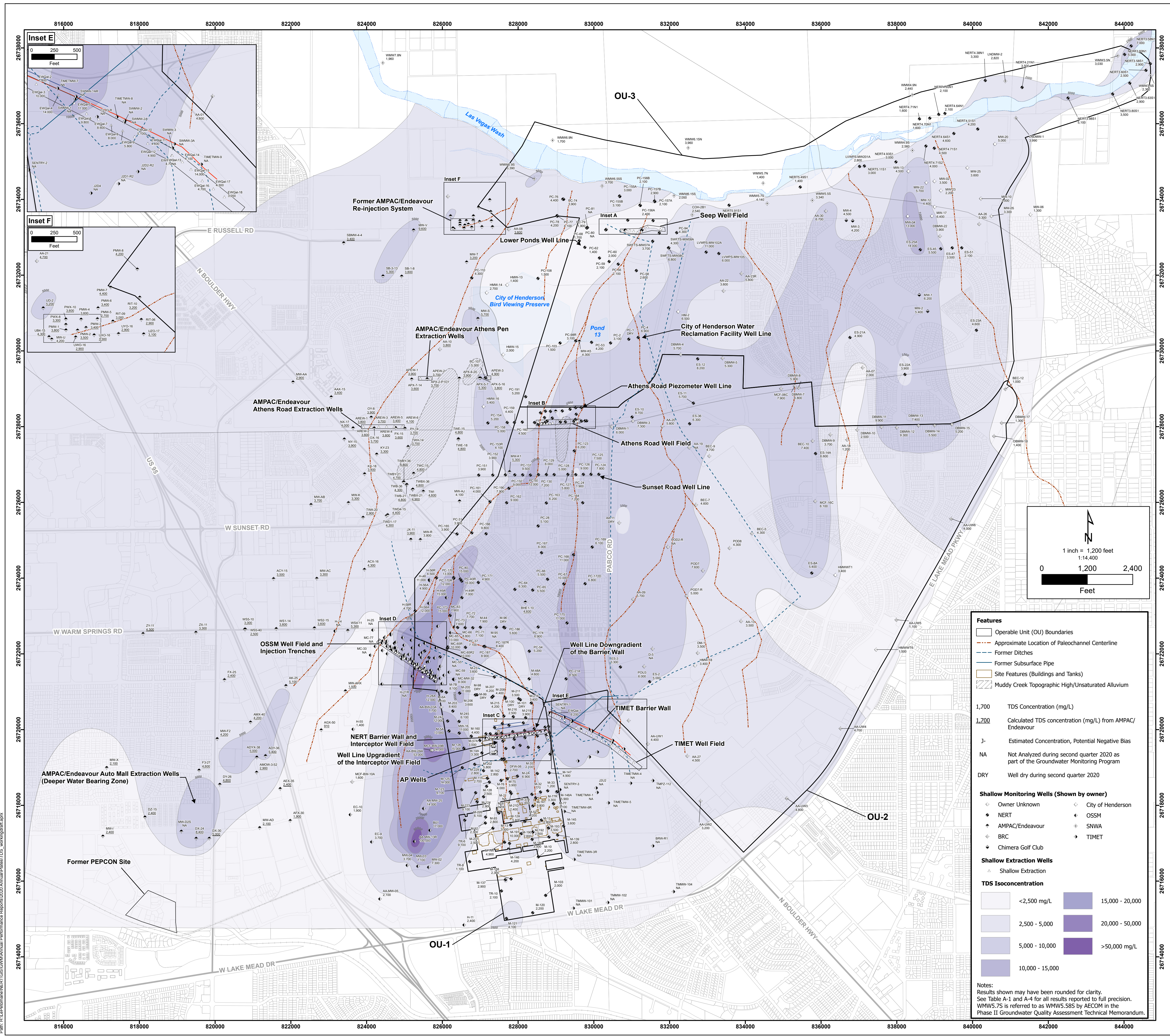
Shallow Extraction Wells

- Shallow Extraction

Chloroform Isoconcentration

- < 70 ug/L
- 70-500
- 500 - 1,000
- 1,000 - 10,000
- > 10,000 ug/L

Notes:
 Results shown may have been rounded for clarity. See Table A-1 and A-4 for all results reported to full precision. WNW5.7S is referred to as WNW5.5BS by AECOM in the Phase II Groundwater Quality Assessment Technical Memorandum.



Features

- Operable Unit (OU) Boundaries
- Approximate Location of Paleochannel Centerline
- Former Ditches
- Former Subsurface Pipe
- Site Features (Buildings and Tanks)
- Muddy Creek Topographic High/Unsaturated Alluvium

1,700 TDS Concentration (mg/L)
 1,200 Calculated TDS concentration (mg/L) from AMPAC/Endeavour
 J- Estimated Concentration, Potential Negative Bias
 NA Not Analyzed during second quarter 2020 as part of the Groundwater Monitoring Program
 DRY Well dry during second quarter 2020

Shallow Monitoring Wells (Shown by owner)

- Owner Unknown
- City of Henderson
- AMPAC/Endeavour
- BRC
- Chimera Golf Club
- OSSM
- SNWA
- TIMET

Shallow Extraction Wells

- Shallow Extraction

TDS Isoconcentration

- <2,500 mg/L
- 2,500 - 5,000
- 5,000 - 10,000
- 10,000 - 15,000
- 15,000 - 20,000
- 20,000 - 50,000
- >50,000 mg/L

Notes:
 Results shown may have been rounded for clarity. See Table A-1 and A-4 for all results reported to full precision. WMW5.75 is referred to as WMW5.585 by AECOM in the Phase II Groundwater Quality Assessment Technical Memorandum.

Plate 8

GROUNDWATER TOTAL DISSOLVED SOLIDS MAP
SHALLOW WATER-BEARING ZONE
SECOND QUARTER 2020

Annual Performance Report
 Nevada Environmental Response Trust (NERT)
 Henderson, Nevada

RAMBOLL

Coordinate System: NAD 1983 StatePlane Nevada East FIPS 2701 Feet
 Projection: Transverse Mercator
 Datum: North American 1983

PROJECT: 1690016062-019
 DRAFTED BY: RZ/MS/AD
 DATE: 12/1/2020

**ELECTRONIC MAP
(AVAILABLE ELECTRONICALLY ON USB FLASH DRIVE)**

Relevant well construction details available from Ramboll's All Wells Database are also included in the file. This information includes well owner, survey information (easting, northing, top of casing ["TOC"], and ground elevation ["Ground_Elv"]), borehole depth ("Bore_Depth"), well total depth ("Well_Depth"), screen depth below ground surface (top of screen depth ["TOS_bgs"] and bottom of screen depth ["BOS_bgs"]), installation date ("Installed"), current well status, well type, water-bearing zone ("WBZ"), and lithology.

Annual Groundwater Monitoring and
GWETS Performance Report
Nevada Environmental Response Trust Site
Henderson, Nevada

APPENDICES

Annual Groundwater Monitoring and
GWETS Performance Report
Nevada Environmental Response Trust Site
Henderson, Nevada

**APPENDIX A
GROUNDWATER ELEVATIONS
AND ANALYTICAL DATA**

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
AA-01	05/06/2019	1707.29						
	05/10/2019		4.8			19	1.3	4,900
	05/08/2020		4.9				1.2	
	05/28/2020	1706.90						
AA-11	05/06/2019	Dry						
	05/27/2020	Dry						
AA-18	05/27/2020	1621.14						
AA-30	05/22/2020		7.6	0.027			3.0	6,700
	05/27/2020	1514.90						
AA-UW2	05/20/2020		0.88				0.092	
	05/27/2020	1755.56						
ARP-1	05/06/2019	1582.98						
	05/09/2019		7.0	<0.0025		6.8	40	4,600
	11/04/2019	1583.61						
	11/07/2019		7.0	<0.0025		7.9	43	4,800
	(FD)		6.9	<0.0025		8.6	42	4,800
	05/06/2020		7.2	<0.0025		6.8 J-	38	4,900
ARP-2A	05/06/2019	1582.57						
	05/08/2019		7.3	0.0048 J		7.5	43	4,600
	11/04/2019	1583.21						
	11/06/2019		7.9	0.0049 J		9.3	49	4,900
	05/05/2020		8.0	0.0063		7.5	38	4,700
	05/29/2020	1583.91						
ARP-3A	05/06/2019	1582.49						
	05/08/2019		7.8	<0.0025		6.8	39	5,200
	11/04/2019	1583.04						
	11/08/2019		6.8	0.015		5.5	42	5,000
	05/06/2020		7.3	0.0048 J		7.2 J-	39	5,000
	(FD)		7.5	0.0060		5.8 J-	41	5,000
ARP-4A	05/06/2019	1582.79						
	11/04/2019	1582.28						
	05/29/2020	1583.94						
ARP-5A	05/06/2019	1582.59						
	05/08/2019		51	0.47		6.7	37 J+	4,200
	11/04/2019	1583.19						
	11/06/2019		110	1.7		14	94	5,200

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
ARP-5A	05/05/2020		55	0.78		8.1	38	4,400
	05/29/2020	1583.60						
ARP-6B	05/06/2019	1582.34						
	05/10/2019		200	0.25		19 J+	21	6,600
	11/04/2019	1582.92						
	11/06/2019		180	0.22		22	38	6,500
	05/05/2020		180	0.21		20	29	6,200
	05/29/2020	1583.41						
ARP-7	05/06/2019	1582.40						
	05/08/2019		150	0.16		23	18 J+	7,000
	11/04/2019	1583.01						
	11/05/2019		140	0.15		23	21	7,100
	05/06/2020		150	0.14		24	19	6,700
	05/29/2020	1583.53						
ART-1	04/11/2019	1582.86						
	05/21/2019	1582.92						
	06/18/2019	1582.96						
	07/10/2019	1582.86						
	08/20/2019	1582.60						
	09/17/2019	1583.96						
	10/01/2019	1583.56						
	11/07/2019	1582.11						
	12/03/2019	1582.41						
	01/06/2020	1583.76						
	02/10/2020	1585.21	1.8	<0.0025	<0.00025	3.0	23	4,700
	03/05/2020	1584.61	1.8	<0.0025	<0.00025	2.2	25	4,400
	04/01/2020	1584.36	1.8	0.0058	<0.00025	2.8	27	4,500
	05/11/2020	1583.99						
06/03/2020	1582.15							
ART-1A	04/11/2019	1581.14	1.4	<0.0025	<0.00025	2.2	22	4,700
	05/21/2019	1581.33	1.5	<0.0025	0.00033 J	2.5	23	4,700
	06/18/2019	1581.50	1.7	<0.0025	<0.00025	2.2	24	4,700
	07/10/2019	1581.24	1.5	<0.0025	<0.00025	3.1	22	4,800
	(FD)		1.5	<0.0025	<0.00025	3.0	24	4,800
	08/20/2019	1580.86	1.5	<0.0025	<0.00025	2.6	28	4,700
	09/17/2019	1581.44	1.7	<0.0025	<0.00025	4.2	28	4,700
	10/01/2019	1581.57	1.6	<0.0025	<0.00025	2.8	27	4,600
	11/05/2019	1581.04	1.6	<0.0025	<0.00025	3.0	27	4,700

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
ART-1A	12/03/2019	1580.28	1.7	<0.0025	<0.00025	2.2	22	4,600
	01/06/2020	1582.20	1.7	<0.0025	<0.00025	2.7	24	4,600
	02/10/2020	1583.39						
	03/05/2020	1582.06						
	04/01/2020	1581.97						
	05/11/2020	1581.33	1.9	<0.0025	<0.00025	3.0 J+	26	4,500
	06/02/2020	1581.91	1.6	<0.0025	<0.00025	3.1	23	4,600
ART-2	04/11/2019	1581.70	12	0.0058	0.0064	<2.8	13	8,800
	(FD)		12	0.0064	0.0069	<2.8	14	8,800
	05/21/2019	1581.90	11	0.0065	0.0071 J-	<2.8	12	8,900
	06/18/2019	1581.79	11	0.0063	0.0062	<2.8	12	8,800
	07/10/2019	1582.00	11	0.0060	0.0061	<2.8	11	9,200
	08/20/2019	1581.74	11	0.0058	0.0067	<2.8		9,000
	(FD)		11	0.0062	0.0065	<2.8		8,900
	08/29/2019						15	
	(FD)						14	
	09/17/2019	1582.22	10	0.0072	0.0060	<2.8	15	8,800
	10/01/2019	1582.30	9.9	0.0058	0.0057	<2.8	14	8,800
	11/05/2019	1582.62	9.8	0.0059	0.0057	<2.8	13	9,000
	12/03/2019	1581.34	10	0.0045 J	0.0053	<2.8	10	8,700
	(FD)		8.7	0.0053	0.0052	<2.8	9.7	8,700
	01/06/2020	1582.64	6.4	0.0042 J	0.0032	<2.8	8.8	8,400
	02/10/2020	1583.60	7.3	0.0047 J	0.0034	<2.8	9.3	8,300
	03/05/2020	1582.12	7.1	0.0044 J	0.0036	<2.8	10	8,000
	04/01/2020	1580.55	7.1	0.0038 J	0.0036	<2.8	11	8,200
05/11/2020	1584.05							
06/02/2020	1582.92							
ART-2A	04/11/2019	1580.97						
	05/21/2019	1581.12						
	06/18/2019	1581.26						
	07/10/2019	1581.23						
	08/20/2019	1581.94						
	09/17/2019	1581.43						
	10/01/2019	1581.51						
	11/07/2019	1581.58						
	12/03/2019	1580.16						
	01/06/2020	1580.41						
02/10/2020	1583.01							

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
ART-2A	03/05/2020	1582.60						
	04/01/2020	1582.80						
	05/11/2020	1581.79	7.8	0.0049 J	0.0041	<2.8	9.8	8,400
	(FD)		7.7	0.0060	0.0042	<2.8	9.0	8,500
	06/02/2020	1581.97	8.8	0.0048 J	0.0049 J+	<2.8	9.3	8,700
ART-3	04/11/2019	1581.42						
	05/21/2019	1581.52						
	06/18/2019	1581.59						
	07/10/2019	1581.72						
	08/20/2019	1581.18						
	09/17/2019	1581.84						
	10/01/2019	1581.92						
	11/07/2019	1582.04						
	12/03/2019	1579.43						
	01/06/2020	1580.81						
	02/10/2020	1581.52	200	0.30	0.30	19	160	7,200
	03/05/2020	1581.61	210	0.28	0.31	16	170	7,100
	04/01/2020	1582.20	200	0.33	0.31	17	190	6,900
	05/11/2020	1581.98						
06/02/2020	1582.16							
ART-3A	04/11/2019	1565.98	250	0.34	0.33	20	200	7,000
	05/21/2019	1566.02	240	0.35	0.36	19	200	7,000
	06/18/2019	1566.06	240	0.34	0.34	19	200	7,100
	07/10/2019	1565.67	240	0.34	0.32	18	190	7,500
	08/20/2019	1565.63	240	0.34	0.35	18	220	7,200
	09/17/2019	1565.67	230	0.32	0.34	20	220	7,000
	10/01/2019	1565.97	250	0.31	0.33	19	260	7,000
	11/05/2019	1565.12	220	0.31	0.31	19	210	7,100
	12/03/2019	1566.49	210	0.33	0.31	17	180	7,100
	01/06/2020	1566.13	180	0.33	0.32	17	160	7,200
	(FD)		180	0.32	0.31	17	160	7,300
	02/10/2020	1574.19						
	03/05/2020	1565.31						
	04/01/2020	1574.29						
	05/11/2020	1571.99	210	0.32	0.32	17 J+	170	7,200
06/02/2020	1572.98	200	0.31	0.36 J+	18	210 J+	7,000	
ART-4	04/11/2019	1579.05	160	0.16	0.16	12	130	5,600
	05/21/2019	1579.03	160	0.17	0.17	12	130	5,500

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
ART-4	06/18/2019	1578.89	160	0.15	0.16	12	130	5,600
	07/10/2019	1578.93	160	0.15	0.14	12	130	5,900
	08/20/2019	1578.82	160	0.15	0.16	12	150	5,600
	09/17/2019	1579.03	150	0.15	0.15	14	150	5,500
	(FD)		150	0.15	0.15	12	160	5,500
	10/01/2019	1578.83	150	0.14	0.15	13	130	5,300
	11/05/2019	1578.83	150	0.14	0.15	13	140	5,700
	12/03/2019	1577.41	200	0.16	0.15	11	120	5,600
	01/06/2020	1577.51	140	0.16	0.15	12	110	5,600
	02/10/2020	1578.76	150	0.15	0.16	14	110	6,200
	03/05/2020	1578.75	150	0.24	0.16	11	120	5,600
	04/01/2020	1579.23	160	0.18	0.16	14	140	5,400
	05/11/2020	1578.83	170	0.21	0.18	13 J+	120	5,400
	06/02/2020	1578.21	170	0.16	0.19 J+	13	140 J+	6,200
	(FD)		160	0.17	0.19 J+	13	140 J+	5,800
ART-4A	04/11/2019	1582.10						
	05/21/2019	1582.10						
	06/18/2019	1581.86						
	07/10/2019	1582.01						
	08/20/2019	1581.46						
	09/17/2019	1580.56						
	10/01/2019	1582.50						
	11/07/2019	1582.40						
	12/03/2019	1580.25						
	01/06/2020	1579.02						
	02/10/2020	1582.37						
	03/05/2020	1583.33						
	04/01/2020	1582.39						
	05/11/2020	1582.42						
06/02/2020	1582.80							
ART-6	04/11/2019	1585.07	170	5.8	4.6	17	120	6,500
	05/21/2019	1584.72	140	7.0	7.5	17	110	6,500
	06/18/2019	1585.17	140	6.8	0.067	18	120	6,600
	07/10/2019	1585.17	150	6.8	6.6	17	110	7,300
	08/20/2019	1585.13	150	6.7	6.5	17 J+	140	6,500
	09/17/2019	1585.17	140	6.1	6.4	18	120	6,500
	10/01/2019	1585.26	130	6.1	6.2	16	130	6,400
	11/05/2019	1580.77	320	6.5	6.8	19	140	6,500

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
ART-6	12/03/2019	1583.87	140	7.3	7.2	20	110	6,600
	01/06/2020	1585.07						
	01/15/2020		100	6.9	6.8	20	74	6,300
	02/10/2020	1585.91	89	5.4	5.3	18	63	6,100
	(FD)		87	5.3	5.4	20	61	6,000
	03/05/2020	1584.85	110	7.0	7.0	18	84	6,300
	04/01/2020	1586.22						
	05/07/2020		81	4.4		17	56	6,000
	05/11/2020	1584.88						
	05/27/2020	1581.12						
	06/02/2020	1580.62						
ART-7A	04/11/2019	1584.22						
	05/21/2019	1584.17						
	06/18/2019	1584.43						
	07/10/2019	1584.23						
	08/20/2019	1583.90						
	09/17/2019	1584.52						
	10/01/2019	1573.97						
	11/07/2019	1574.04						
	12/03/2019	1584.64						
	01/06/2020	1584.62						
	02/10/2020	1585.59						
	03/05/2020	1584.34						
	04/01/2020	1585.43						
	05/11/2020	1584.72						
06/02/2020	1585.11							
ART-7B	04/11/2019	1572.38	330	0.53	0.51	27 J+	96	7,600
	05/21/2019	1572.03	330	0.52	0.55	25	93	7,600
	(FD)		330	0.52	0.51	25	100	7,700
	06/18/2019	1571.99	330	0.51	0.52	26	97	7,800
	07/10/2019	1571.87	330	0.49	0.52	25	98	8,300
	08/20/2019	1570.98	330	0.52	0.55	25	110	7,700
	09/17/2019	1577.03	310	0.53	0.53	30	120	7,500
	10/01/2019	1584.44	300	0.52	0.52	27	120	7,500
	(FD)		290	0.53	0.51	25	120	7,500
	11/05/2019	1583.80	280	0.49	0.53	28	110	7,500
	12/03/2019	1576.68	300	0.55	0.50	23	90	7,500
	01/06/2020	1576.91	300	0.54	0.53	25	88	7,100

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
ART-7B	02/10/2020	1569.21	290	0.53	0.53	25	85	6,900
	03/05/2020	1571.86	310	0.51	0.55	22	97	7,200
	04/01/2020	1576.94	310	0.57	0.54	28	110	7,000
	05/11/2020	1574.20	330	0.57	0.54	25 J+	89	7,100
	06/02/2020	1575.14	320	0.51	0.58 J+	26	93	7,600
ART-8	04/11/2019	1581.42						
	05/21/2019	1581.57						
	06/18/2019	1581.48						
	07/10/2019	1581.72						
	08/20/2019	1581.60						
	09/17/2019	1582.82						
	10/01/2019	1581.88						
	11/07/2019	1581.71						
	12/03/2019	1579.41						
	01/06/2020	1578.88						
	02/10/2020	1582.58	62	0.081	0.071	8.8	61	8,300
	03/05/2020	1581.58	66	0.070	0.072	9.2	66	8,600
	(FD)		61	0.068	0.075	7.4	66	8,700
	04/01/2020	1582.55	59	0.077	0.068	8.2	65	8,300
05/11/2020	1582.21							
06/02/2020	1582.47							
ART-8A	04/11/2019	1571.19	82	0.096	0.091	9.1 J+	83	8,500
	05/21/2019	1571.71	84	0.096	0.095	7.7	82	8,600
	06/18/2019	1572.11	79	0.089	0.086	7.9	82	8,600
	(FD)		80	0.088	0.085	8.0	86	8,600
	07/10/2019	1572.34	79	0.094	0.087	10	77	9,300
	08/20/2019	1572.54	77	0.095	0.093	8.4	90	8,700
	09/17/2019	1575.51	75	0.085	0.086	8.9	76	8,700
	10/01/2019	1574.06	78	0.083	0.083	11	94	8,300
	11/05/2019	1576.17	73	0.082	0.086	8.7	83	8,700
	12/03/2019	1569.14	70	0.082	0.078	7.9	71	8,800
	01/06/2020	1569.04	61	0.074	0.077	9.5	66	8,600
	02/10/2020	1575.72						
	03/05/2020	1572.76						
	04/01/2020	1576.24						
05/11/2020	1576.22	64	0.077	0.075	5.8	65	8,300	
06/02/2020	1571.00	65	0.082	0.084 J+	7.2	68	8,700	
ART-9	04/11/2019	1579.93	370	0.65	0.63	23 J+	200	6,500

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
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Nevada Environmental Response Trust Site
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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
ART-9	05/21/2019	1579.98	370	0.66	0.70	21	180	6,400
	06/18/2019	1580.03	370	0.63	0.62	21	190	6,700
	07/10/2019	1579.95	370	0.62	0.61	20	180	6,800
	08/20/2019	1579.91	350	0.61	0.64	20 J+		6,500
	09/17/2019	1581.83	340	0.61	0.63	22	200	6,300
	10/01/2019	1582.43	350	0.60	0.61	20	220	6,300
	11/05/2019	1582.23	320	0.56	0.56	20	170	6,200
	(FD)		330	0.59	0.56	21	160	6,200
	12/03/2019	1580.28	360	0.59	0.61	21	170	6,300
	01/06/2020	1581.43	290	0.63	0.63	21	150	6,200
	02/10/2020	1579.83	330	0.61	0.61	20	150	5,700
	03/05/2020	1583.18	320	0.59	0.63	21	170	5,700
	04/01/2020	1583.39	320	0.62	0.59	21	180	5,800
	05/11/2020	1582.02	340	0.67	0.62	22 J+	160	6,100
	06/02/2020	1582.21	330	0.63	0.68 J+	24	180 J+	6,300
BEC-12	05/18/2020		0.051				0.0087	
	05/28/2020	1632.63						
C1-E	04/04/2019		5.0				2.4	3,700
	05/02/2019		5.4				2.5	3,700
	06/05/2019		4.9				2.4	4,500
	(FD)		4.9				2.4	4,400
	07/10/2019		5.2				2.5	4,300
	08/08/2019		4.4				2.2	4,000
	09/05/2019		4.1				2.2	3,800
	(FD)		4.1				2.3	3,800
	10/10/2019		4.3				2.0	4,000
	11/14/2019		4.8				2.0	4,100
	(FD)		4.7				2.2	4,100
	12/06/2019		4.4 J+				2.1	4,100
	(FD)		4.4 J+				2.1	4,100
	01/14/2020		6.0				2.0	3,700
	02/05/2020		5.3				2.1	3,900
	03/05/2020		5.0				2.2	3,600
	04/14/2020		5.1				2.2	3,900
05/01/2020		5.3				2.2	3,800	
06/09/2020		5.4				2.5	3,900	
C1-W	04/04/2019		5.2				2.4	3,700
	05/02/2019		5.2				2.4	3,800

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
C1-W	06/05/2019		5.1				2.4	4,500
	07/10/2019		5.0				2.6	4,300
	08/08/2019		4.6				1.6	4,000
	09/05/2019		4.0				2.2	3,700
	10/10/2019		4.2				2.0	4,000
	(FD)		4.3				2.0	4,000
	11/14/2019		5.3 J+				2.1	4,000
	12/06/2019		4.4 J+				1.9	4,100
	01/14/2020		4.6				2.0	3,700
	02/05/2020		4.9				2.0	3,900
	03/05/2020		5.1				2.2	3,600
	04/14/2020		5.0				2.3	3,900
	05/01/2020		5.1				2.3	3,800
	06/09/2020		5.1				2.4	3,900
DBMW-4	05/06/2019	1580.48						
	05/08/2019		73	0.086		17	6.3	5,800
	05/05/2020		79				6.3	
	05/29/2020	1581.08						
DBMW-5	05/19/2020		78				5.3	
	05/29/2020	1583.49						
DBMW-7	05/19/2020		7.5				4.4	
	05/29/2020	1576.51						
DBMW-8	05/18/2020		8.6				5.1	
	05/29/2020	1577.67						
DBMW-9	05/21/2020		10				5.0	
	05/28/2020	1605.07						
DBMW-10	05/28/2020	1609.16						
DBMW-11	05/22/2020		27				11 J+	
	05/28/2020	1634.68						
DBMW-13	05/21/2020		11				6.9	
	05/28/2020	1636.28						
DBMW-14	05/21/2020		14				8.5	
	05/28/2020	1652.57						
DBMW-15	05/19/2020		1.1				0.62	
	05/28/2020	1658.14						
DBMW-16	05/18/2020		0.048				0.010	
	05/28/2020	1612.84						
DBMW-17	05/18/2020		0.20				0.0050	

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Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
DBMW-17	05/28/2020	1649.33						
DBMW-18	05/22/2020		0.12				0.0074 J+	
	(FD)		0.12				0.0070 J+	
	05/28/2020	1654.55						
DFW-03	05/06/2019	1732.75						
	05/15/2019		200	0.58		65 J+	1,100	6,900
	05/13/2020		180	0.53		40	420	4,700
	05/29/2020	1733.30						
DFW-04	05/06/2019	1733.04						
	05/15/2019		500	1.7		37 J+	1,000	6,900
	05/13/2020		450	1.6		35 J-	1,100	6,200
	05/29/2020	1733.71						
DFW-05	05/06/2019	1733.27						
	05/15/2019		1,100	3.6		15 J+	170	5,200
	(FD)		1,100	3.8		16 J+	160	5,300
	05/13/2020		1,000	3.0		9.1 J-	180	3,900
	05/29/2020	1733.84						
DFW-06	05/06/2019	1737.27						
	05/15/2019		810	2.6		8.4	92	3,900
	05/14/2020		690	1.7		5.7	82	2,700
	05/29/2020	1737.75						
E1-1	04/24/2019	1711.83	7.9	0.044	0.041	33	570	3,700
	05/23/2019	1712.63	16	0.044	0.042	42	500	3,900
	06/25/2019	1713.24	15	0.040	0.040	42 J+	460	4,100
	07/23/2019	1712.40	16	0.037	0.038	43	350	3,700
	08/21/2019	1713.34	15	0.038	0.038	43	520	3,700
	09/19/2019	1710.50	15	0.041	0.040	40	510	3,700
	10/15/2019	1714.62	15	0.039	0.040	37 J+	520	3,700
	11/11/2019	1711.58	16	0.042	0.041	36	490	3,600
	12/02/2019	1711.24	16	0.041	0.042	30	600	3,500
	01/07/2020	1711.33	15	0.047	0.047	37	490	3,600
	02/11/2020	1714.53	17	0.046	0.045	33	460	3,500
	03/03/2020	1712.94	19	0.064	0.047	33	500	3,700
	04/07/2020	1711.98	18	0.045	0.047	40	440	3,500
	05/05/2020	1710.74	19	0.049	0.046	36	480	3,800
06/04/2020	1711.33	19	0.048	0.048	39 J+	510	3,400	
E1-2	04/24/2019	1710.18	83	0.22	0.20	83	1,500	5,200
	05/23/2019	1710.33	91	0.20	0.22	93	1,600	11,000

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
E1-2	06/25/2019	1711.36	92	0.21	0.19	90 J+	1,400	6,400
	07/23/2019	1713.82	89	0.20	0.18	93	1,400	5,700
	(FD)		87	0.20	0.20	88	1,400	5,800
	08/21/2019	1712.36	88	0.20	0.21	98	1,600	5,900
	09/19/2019	1713.82	92	0.23	0.22	99	1,600	5,600
	10/15/2019	1709.84	95	0.21	0.22	90 J+	1,600	5,300
	11/11/2019	1711.76	97	0.23	0.24	98	1,400	5,200
	(FD)		96	0.23	0.23	95	1,300	5,200
	12/02/2019	1713.06	95	0.22	0.24	82	1,700	5,600
	01/07/2020	1712.96	100	0.25	0.25	99	1,100	5,300
	02/11/2020	1712.40	100	0.25	0.26	95	1,200	5,100
	03/03/2020	1711.05	99	0.25	0.26	96	1,300	5,000
	(FD)		100	0.25	0.25	92	1,300	5,100
	04/07/2020	1710.16	100	0.26	0.24	110	1,300	5,300
05/05/2020	1709.55	110	0.28	0.26	100	1,200	5,000	
06/04/2020	1710.14	110	0.27	0.29	110 J+	1,200	5,200	
E1-3	04/24/2019	1711.71	130	0.45	0.40	86	740	4,300
	05/23/2019	1710.62	130	0.42	0.44	87	680	4,500
	06/25/2019	1713.11	130	0.38	0.38	84 J+	560	4,900
	07/23/2019	1711.98	120	0.37	0.36	81	500	4,500
	08/21/2019	1710.78	130	0.38	0.41	93	850	4,700
	09/19/2019	1711.93	110	0.41	0.40	95	680	4,600
	10/15/2019	1711.77	120	0.37	0.38	68 J+	720	4,300
	11/11/2019	1712.39	120	0.38	0.40	92	630	4,300
	12/02/2019	1711.16	120	0.37	0.38	78	760	4,700
	01/07/2020	1710.62	120	0.39	0.41	93	570	4,300
	02/11/2020	1713.02	140	0.38	0.39	94	510	3,900
	03/03/2020	1713.27	140	0.41	0.41	88	570	4,100
	04/07/2020	1711.66	130	0.42	0.39	100	460	4,000
	05/05/2020	1709.65	140	0.48	0.44	94	510	4,000
06/04/2020	1714.02	140	0.45	0.54	92 J+	500	3,900	
E2-1	04/24/2019	1716.12	12	0.030	0.027	17	96	2,900
	(FD)		12	0.032	0.028	17	100	2,900
	05/23/2019	1717.07	13	0.031	0.030	15	99	3,000
	06/25/2019	1718.07	13	0.029	0.032	15 J+	77	3,200
	07/23/2019	1714.62	13	0.029	0.033	14	63	2,900
	08/21/2019	1715.76	14	0.029	0.030	13	110	3,000
	(FD)		14	0.032	0.031	13	120	2,900

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E2-1	09/19/2019	1713.36	14	0.036	0.030	15	130	3,000
	10/15/2019	1715.59	14	0.030	0.029	9.3 J+	130	3,000
	11/11/2019	1709.40	14	0.032	0.029	13	110	3,100
	12/02/2019	1715.50	14	0.036	0.027	17	100	3,100
	01/07/2020	1727.07	13	0.023	0.018	15	67	3,000
	02/11/2020	1711.92	14	0.031	0.025	14	120	3,000
	03/03/2020	1714.62	19	0.044	0.043	15	140	2,800
	04/07/2020	1712.56	18	0.048	0.025	17	110	3,000
	(FD)		17	0.044	0.022	17	110	3,000
	05/05/2020	1718.00	13	0.026	0.021	13	74	2,800
06/04/2020	1716.01	13	0.030	0.011	13 J+	99	2,900	
E2-2	04/24/2019	1719.08	10	0.028	0.024	24	320	3,200
	05/23/2019	1717.52	11	0.025	0.027	20	290	3,300
	(FD)		11	0.026	0.027	21	280	3,400
	06/25/2019	1716.72	11	0.027	0.026	18 J+	250	3,500
	07/23/2019	1716.67	12	0.026	0.026	17	300	3,400
	08/21/2019	1715.72	13	0.026	0.027	16	320	3,300
	09/19/2019	1715.68	14	0.030	0.027	17	320	3,400
	10/15/2019	1718.33	13	0.044	0.024	14 J+	320	3,400
	11/11/2019	1714.41	13	0.030	0.025	17	300	3,400
	12/02/2019	1719.83	13	0.030	0.025	17	320	3,500
	(FD)		14	0.030	0.025	20	330	3,600
	01/07/2020	1716.29	13	0.028	0.028	20	270	3,300
	02/11/2020	1712.09	13	0.026	0.027	19	280	3,100
	03/03/2020	1714.61	13	0.028	0.027	21	330	3,200
	04/07/2020	1714.97	12	0.027	0.026	21 J+	280	3,200
05/05/2020	1720.80	12	0.026	0.020	25	250	3,200	
06/04/2020	1714.49	12	0.029	0.021	20 J+	290	3,200	
E2-3	04/24/2019	1717.37	11	0.028	0.024	43	800	4,000
	05/23/2019	1718.25	11	0.025	0.026	41	750	4,000
	06/25/2019	1714.93	12	0.026	0.026	35 J+	690	4,500
	07/23/2019	1715.45	12	0.025	0.024	33	630	3,900
	08/21/2019	1715.04	14	0.023	0.026	30	750	4,200
	09/19/2019	1713.74	15	0.034	0.028	31	690	3,900
	(FD)		15	0.032	0.026	32	690	3,900
	10/15/2019	1719.43	15	0.046	0.025	30	650	3,600
	11/11/2019	1719.45	14	0.028	0.024	33	540	3,600
	12/02/2019	1717.58	14	0.036	0.026	33	690	4,000

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
E2-3	01/07/2020	1718.50	14	0.028	0.029	32	410	3,500
	(FD)		14	0.027	0.030	43	410	3,600
	02/11/2020	1715.79	15	0.039	0.030	49	600	3,300
	03/03/2020	1716.73	15	0.032	0.031	52	590	3,700
	04/07/2020	1716.64	15	0.033	0.032	50 J+	560	3,600
	05/05/2020	1724.37	13	0.041	0.022	78	460	3,600
	(FD)		13	0.041	0.022	78	460	3,700
	06/04/2020	1718.48	16	0.042	0.034	53 J+	640	3,700
E2-4	04/24/2019	1717.05	14	0.037	0.035	79	1,100	4,000
	05/23/2019	1716.11	14	0.038	0.039	82	1,400	4,900
	06/25/2019	1717.26	14	0.035	0.036	76 J+	880	4,800
	(FD)		14	0.036	0.036	75	900	4,800
	07/23/2019	1715.80	16	0.037	0.044	77	940	4,500
	08/21/2019	1714.22	17	0.039	0.040	57	1,100	4,600
	09/19/2019	1713.92	17	0.048	0.042	60	980	3,800
	10/15/2019	1718.03	17	0.042	0.038	65	920	3,900
	11/11/2019	1716.40	19	0.048	0.043	69	880	4,000
	12/02/2019	1717.23	19	0.054	0.043	66	1,100	4,300
	01/07/2020	1721.58	17	0.046	0.048	77	740	4,000
	02/11/2020	1716.42	19	0.046	0.041	79	800	3,400
	03/03/2020	1716.89	19	0.052	0.045	74	840	3,800
	04/07/2020	1715.09	20	0.064	0.045	89 J+	820	3,700
	05/05/2020	1722.61	19	0.043	0.038	94	690	3,600
06/04/2020	1714.35	22	0.057	0.056	84 J+	760	3,800	
E2-5	04/24/2019	1716.42	35	0.11	0.096	130	1,500	4,600
	05/23/2019	1717.12	36	0.094	0.098	150	1,300	5,100
	06/25/2019	1709.37	33	0.10	0.098	130	1,400	6,000
	07/23/2019	1715.12	31	0.087	0.092	150	1,100	5,000
	08/21/2019	1715.31	33	0.096	0.094	140	1,300	5,300
	09/19/2019	1717.09	32	0.10	0.095	130	1,200	4,800
	10/15/2019	1714.06	36	0.10	0.10	120	1,500	4,600
	(FD)		36	0.11	0.11	120	1,500	4,600
	11/11/2019	1714.44	42	0.27	0.12	110	1,400	4,700
	12/02/2019	1720.44	30	0.24	0.087	120	1,300	5,600
	01/07/2020	1718.32	27	0.12	0.10	110	830	4,300
	02/11/2020	1713.31	34	0.11	0.098	120	990	4,200
	(FD)		34	0.10	0.099	120	990	4,600
	03/03/2020	1713.72	35	0.10	0.098	110	1,000	4,700

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Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
E2-5	04/07/2020	1713.33	36	0.11	0.099	110 J+	990	4,200
	05/05/2020	1723.34	43	0.10	0.069	94	620	3,800
	06/04/2020	1715.20	44	0.14	0.13	86 J+	1,100	4,700
	(FD)		44	0.14	0.13	83 J+	1,100	4,600
ES-1	05/18/2020		45				39	
	05/28/2020	1707.21						
ES-2	05/18/2020		74				17	
	05/27/2020	1691.43						
ES-3	05/18/2020		7.2				1.5	
	05/27/2020	1687.47						
ES-4	05/19/2020		310				38	
	05/27/2020	1687.79						
ES-5	05/18/2020		56				4.6	
	05/27/2020	1655.78						
ES-6	05/18/2020		17				3.7	
	05/27/2020	1628.33						
ES-7	05/19/2020		5.1				3.5 J+	
	05/27/2020	1628.04						
ES-8A	05/21/2020		20				12 J+	
	05/27/2020	1671.19						
ES-8B	05/21/2020		5.9				3.5	
	05/27/2020	1670.71						
ES-9	05/21/2020		0.15 J				0.42 J+	
	05/27/2020	1619.72						
ES-10	05/21/2020		13				5.5	
	05/29/2020	1587.67						
ES-11	05/21/2020		61 J				5.5	
	(FD)		14 J				5.4	
	05/29/2020	1593.80						
ES-12	05/19/2020		33				8.1	
	05/29/2020	1578.24						
ES-13	05/19/2020		2.7				3.5	
	05/29/2020	1573.56						
ES-14A	05/21/2020		14				8.5	
	05/28/2020	1611.70						
ES-14B	05/21/2020		<0.10				<0.0025	
	05/28/2020	1590.90						
ES-15	05/21/2020		1.6				1.5	

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
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Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
ES-15	05/28/2020	1598.56						
ES-16	05/22/2020		0.17 J				<0.0025	
	05/28/2020	1607.76						
ES-17	05/22/2020		<0.10				<0.0025	
	05/27/2020	1617.45						
ES-18	05/22/2020		<0.020				<0.0025	
	05/28/2020	1639.64						
ES-19	05/22/2020		0.091 J				0.25	
	05/27/2020	1623.57						
ES-20	05/18/2020		0.17				0.0072	
	05/28/2020	1655.10						
ES-21A	05/19/2020		4.7	0.032			2.5 J+	
	05/28/2020	1563.99						
ES-21B	05/19/2020		4.1	0.028			2.0 J+	
	05/28/2020	1560.60						
ES-22A	05/19/2020		11	0.024			6.7	
	05/28/2020	1598.70						
ES-22B	05/19/2020		19	0.056			8.8	
	05/28/2020	1596.86						
ES-23A	05/19/2020		4.4	0.015			3.1 J+	
	05/28/2020	1573.99						
ES-23B	05/19/2020		<0.010	<0.0025			0.00050 UJ	
	05/28/2020	1567.90						
ES-24	05/19/2020		<0.10	<0.0025			0.0025 UJ	
	(FD)		<0.10	<0.0025			0.0025 UJ	
	05/28/2020	1537.85						
ES-25A	05/22/2020		<0.10	<0.013			0.079 J+	
	05/28/2020	1519.12						
ES-25B	05/22/2020		<0.10	<0.025			<0.0050	
	05/28/2020	1511.42						
ES-26	05/21/2020		5.6	0.020			3.2	
	05/28/2020	1516.94						
ES-27	05/21/2020		0.064 J	0.016			0.019	
	05/27/2020	1496.28						
ES-28	05/18/2020		0.085				0.058	
	05/28/2020	1697.50						
ES-30	05/18/2020		51				4.9	
	05/27/2020	1613.97						

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Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
ES-31	05/18/2020		120				8.5	
	(FD)		120				8.5	
	05/27/2020	1602.85						
ES-32	05/19/2020		34				7.3	
	05/27/2020	1649.19						
ES-45	05/21/2020		5.7	0.017			3.2	
	05/28/2020	1518.77						
ES-46	05/21/2020		<0.20	<0.013			<0.0050	
	05/28/2020	1434.29						
ES-47	05/21/2020		2.7	0.012			1.8	
	05/28/2020	1510.22						
ES-48	05/21/2020		1.7	0.012			1.1	
	05/28/2020	1510.42						
ES-49	05/21/2020		<0.010	0.0067			<0.00050	
	05/28/2020	1512.08						
ES-50	05/21/2020		0.017 J	0.020			<0.00050	
	05/28/2020	1514.27						
ES-51	05/21/2020		0.067 J	0.014			0.034 J+	
	05/28/2020	1519.02						
ES-52	05/21/2020		0.20	0.0083			0.16 J+	
	05/28/2020	1521.98						
H-28A	05/06/2019	1694.36						
	05/13/2019		<0.020	<0.0025		<2.8	16	12,000
	08/05/2019	1694.55						
	08/07/2019			<0.025			15	12,000
	05/11/2020		<0.040	<0.013		<2.8	13	12,000
H-56R	05/28/2020	1694.74						
	05/06/2019	1659.91						
	05/14/2019		4.0	<0.0025		5.1 J+	21	4,100
	05/08/2020		3.7	<0.0025		5.7	24	4,500
H-58R	05/27/2020	1660.83						
	05/06/2019	1665.68						
	05/14/2019		4.3	<0.0025		2.7 J+	23	4,300
	05/11/2020		6.3	<0.0025		3.2	30	4,700
HM-2	05/27/2020	1666.50						
	05/16/2019	1560.82	44	0.053		17	6.7	6,500
	05/06/2020		46	0.053			6.7	6,500
	05/29/2020	1561.06						

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April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
HMW-13	05/06/2019	1579.70						
	05/08/2019		<0.010			<0.11	0.016 J+	1,300
	05/08/2020		<0.010			<0.11	<0.00050	1,400
	05/27/2020	1580.53						
HMW-14	05/06/2019	1582.67						
	05/08/2019		0.067			0.31	1.1 J+	1,600
	05/08/2020		0.95			2.8	7.7	2,700
	05/27/2020	1583.69						
HMW-15	05/06/2019	1598.94						
	05/07/2019		<0.0040			0.19 J	<0.00050	1,700
	05/08/2020		<0.0040			0.37	0.0039	2,000
	05/27/2020	1602.12						
HMW-16	05/06/2019	1611.76						
	05/09/2019		3.7			12	26	5,100
	05/07/2020		2.7			8.3	16	5,400
	05/27/2020	1611.86						
I-AA	04/18/2019	1709.26	15	0.061	0.055	14	50	3,500
	(FD)		15	0.059	0.052	12	57	3,500
	05/14/2019	1710.15	17	0.069	0.059	15	40	3,600
	06/20/2019	1713.12	18	0.079	0.055	12	42	3,500
	07/18/2019	1714.22	17	0.054	0.051	12	46	3,400
	08/14/2019	1714.04	17	0.063	0.050	12	160	3,600
	09/18/2019	1713.94	18	0.13	0.053	12	55	3,500
	10/08/2019	1712.57	18	0.057	0.055	12	50	3,500
	11/08/2019	1713.07	19	0.060	0.056	15	44	3,400
	12/03/2019	1713.29	18	0.068	0.057	13	47	3,500
	01/09/2020	1713.36	18	0.057	0.060	12	46	3,400
	02/12/2020	1709.42	17	0.059	0.054	13	32	3,400
	03/10/2020	1709.85	18	0.063	0.057	12	36	3,200
	04/02/2020	1715.90	18	0.054	0.053	12 J+	38	3,700
	05/14/2020	1715.26	18	0.061	0.057 J+	12	37	3,600
06/04/2020	1715.91	16	0.056	0.056	13	38	3,400	
(FD)			16	0.068	0.057	13	40	3,400
I-AB	04/18/2019	1720.90	13	0.022	0.020	26	170	3,400
	05/14/2019	1721.35	12	0.021	<0.00025	25	160	3,500
	06/20/2019	1721.30						
	06/26/2019		13	0.021	0.014	22	160	3,300
	07/18/2019	1721.64	13	0.019	0.017	20	150	3,500

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
I-AB	08/14/2019	1722.09	13	0.020	0.015	22	160	3,500
	09/18/2019	1721.67	13	0.027	0.018	22	230	3,400
	10/08/2019	1721.14	13	0.020	0.0087	21	160	3,500
	11/08/2019	1721.34	13	0.018	0.015	24	94	3,400
	12/03/2019	1720.32	13	0.021	0.00033 J	24		3,400
	12/04/2019						120	
	01/09/2020	1714.24	13	0.021	0.0070	25	140	3,400
	02/12/2020	1716.91	12	0.024	0.0018	28	120	3,400
	03/10/2020	1720.84	13	0.022	<0.00025	28	120	3,300
	04/02/2020	1721.46	13	0.024	<0.00025	27 J+	150	3,800
	05/14/2020	1721.25	14	0.041	0.036 J+	25	150	3,600
06/04/2020	1720.39	12	0.024	0.00029 J	28	140	3,400	
I-AC	04/16/2019	1723.98	730	2.2	2.3	11	260	6,400
	05/23/2019	1723.96	750	2.3	2.4	12	240	6,500
	06/26/2019	1724.84	720	2.3	2.4	11	240	6,400
	07/16/2019	1724.83	710	2.1	2.1	11	260	6,400
	08/22/2019	1724.76	730	2.3	2.3	10 J+	270	6,600
	09/19/2019	1724.67	710	2.3	2.3	12	260	6,400
	10/09/2019	1725.40	710	2.1	2.1	11	230	6,300
	11/05/2019	1725.67	700	2.1	2.3	11	250	6,800
	12/05/2019	1722.60	620	2.3	2.3	9.8 J+	230	6,600
	01/08/2020	1722.92	720	2.1	1.2	11	220	6,500
	02/13/2020	1722.44	700	2.3	2.1	13	210	6,000
	03/09/2020	1722.82	720	2.3	2.3	9.9 J+	240	6,100
	04/02/2020	1722.68	700	2.1	2.2	12	240	6,600
	05/13/2020	1724.08	690	2.0	2.0	9.9	190 J-	6,200
06/08/2020	1722.38	990	2.2	2.1	9.5	250	6,500	
I-AD	04/16/2019	1725.49	430	1.3	1.3	10	140	6,000
	05/23/2019	1725.37	460	1.3	1.4	11	140	5,700
	06/26/2019	1725.41	490	1.3	1.3	10	140	5,700
	07/16/2019	1725.59	420	1.2	1.3	9.7	140	5,800
	08/22/2019	1725.55	440	1.3	1.3	9.7 J+	160	5,700
	09/19/2019	1725.56	410	1.3	1.3	10	160	5,800
	10/09/2019	1725.21	450	1.3	1.3	10	130	5,800
	11/05/2019	1725.28	420	1.2	1.4	10	140	5,900
	12/05/2019	1725.84	440	1.3	1.3	8.9 J+	130	5,700
	01/08/2020	1726.56	420	1.3	0.64	9.8	140	5,900
	02/13/2020	1723.09	420	1.3	1.3	9.6	130	5,700

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
I-AD	03/09/2020	1724.29	420	1.3	1.4	9.2 J+	140	5,600
	04/02/2020	1722.54	460	1.4	1.4	9.8	170	6,000
	05/13/2020	1726.39	440	1.4	1.5	9.2	140	5,500
	06/08/2020	1725.12	460	1.5	1.5	9.0	150	6,100
I-AR	04/18/2019	1724.21	200	5.5	0.30	81	690	4,700
	05/23/2019	1723.84	190	9.1 J	0.31	85	640	4,500
	(FD)		180	16 J	0.30	85	660	4,600
	06/20/2019	1723.71	170	1.6	0.049	120	620	4,900
	07/16/2019	1726.74	150	11	0.029	150	600	5,100
	08/22/2019	1724.89	150	2.2	0.021	150 J+	470	4,800
	09/19/2019	1724.75	140	2.3	0.026	140	620	4,600
	10/09/2019	1726.60	140	7.9	0.010	130	560	4,700
	11/08/2019	1728.29	150	2.3	0.014 J	120	530	4,400
	12/03/2019	1725.87	140	3.4	0.012	100	660	4,800
	01/09/2020	1728.61	98	1.5	0.0053	160	490	4,500
	02/12/2020	1722.62	120	0.80	0.019	140	420	4,500
	03/10/2020	1724.31	140	0.44	0.014	140 J+	440	4,300
	04/02/2020	1723.72	180	0.47	0.012	130 J+	270	4,600
	05/14/2020	1722.58	180	0.66	0.40 J+	110	390	4,400
06/04/2020	1723.37	190	22	0.34	100	400	4,300	
I-B	04/18/2019	1709.49	40	0.29	0.12	49	260	3,800
	05/14/2019	1715.42	29	0.094	0.11	59	240	3,900
	06/20/2019	1715.91	20	0.058	0.062	51	170	3,700
	07/18/2019	1715.88	17	0.049	0.052	55	200	3,700
	08/14/2019	1715.79	15	0.043	0.039	55	170	3,800
	09/18/2019	1715.75	17	0.059	0.052	52	260	3,700
	10/08/2019	1714.12	19	0.057	0.057	51	230	3,900
	11/08/2019	1711.89	12	0.049	0.049	57	150	3,700
	12/03/2019	1709.14	26	0.10	0.079	50	260	3,900
	01/09/2020	1709.97	41	0.16	0.15	53	280	3,900
	02/12/2020	1708.32	48	0.18	0.16	52	260	4,000
	03/10/2020	1708.60	60	0.20	0.20	64	270	3,700
	04/02/2020	1717.36	68	0.24	0.21	63 J+	350	4,300
	05/14/2020	1710.80	74	0.25	0.24 J+	62	310	4,200
06/04/2020	1709.07	44	0.29	0.29	70	400	4,200	
I-C	04/17/2019	1711.14	700	2.6	2.6	72	520	5,900
	05/09/2019	1711.84	690	2.6	2.1	69	610	5,400
	06/19/2019	1708.33	660	2.1		68	480	6,400

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
I-C	(FD)		650	2.2		67	510	6,500
	06/24/2019				2.3			
	(FD)				2.4			
	07/18/2019	1708.55	680	2.3	2.3	57	510	5,900
	08/14/2019	1708.47	620	2.3	2.1	66	550	5,900
	09/18/2019	1708.49	660	2.3	2.4	64	580	5,800
	10/08/2019	1708.26	660	2.2	2.3	63	470	5,800
	11/08/2019	1717.16	660 J+	2.5	2.3	61	440	5,500
	12/05/2019	1714.04	770	2.3	2.5	62 J+	450	6,100
	01/09/2020	1721.07	700	2.6	2.7	64 J+	400	5,500
	02/12/2020	1717.30	700	2.9	2.8	60	410	5,900
	03/10/2020	1720.81	830	2.8	2.9	54 J+	390	5,500
	04/02/2020	1720.68	770	3.0	2.9	57 J+	400	6,200
	05/14/2020	1721.80	820	2.9	3.0 J-	51 J+	360	5,700
06/09/2020	1721.27	800	3.2	2.7	52 J+	410	6,000	
I-D	04/17/2019	1720.71	1,200	4.3	4.5	52	480	6,600
	05/09/2019	1721.30	1,100	4.8	3.5	46	470	6,100
	06/19/2019	1721.50	1,100	3.9		48	420	7,000
	06/24/2019				4.2			
	07/18/2019	1721.77	1,200	4.0	5.0	50	450	6,400
	08/14/2019	1722.28	1,200	4.2	4.0	54	530	6,600
	09/18/2019	1722.47	1,200	4.1	4.2	47	560	6,500
	10/08/2019	1722.69	1,100	3.9	3.9	40	410	6,500
	11/08/2019	1723.05	260	4.0	3.9	49	510	6,200
	12/05/2019	1723.10	1,000	4.1	4.3	50 J+	520	6,900
	01/09/2020	1724.13	1,200	4.5	4.4	54	520	6,400
	02/12/2020	1721.12	1,100	4.7	4.5	61	580	7,000
	03/10/2020	1724.18	1,200	4.4	4.5	54 J+	550	6,600
	04/02/2020	1724.80	1,000	4.7	4.7	59 J+	620	7,300
05/14/2020	1724.54	1,200	4.4	4.5 J-	56 J+	600	6,900	
06/09/2020	1724.88	1,300	4.7	4.7	55 J+	640	7,200	
I-E	04/17/2019	1711.27	1,600	6.1	6.1	38	460	6,900
	05/09/2019	1711.25	1,600	6.6	5.0	31	370	6,700
	06/19/2019	1711.09	1,500	5.4		28	370	7,200
	06/24/2019				5.5			
	07/18/2019	1711.39	1,500	5.4	5.2	32	360	6,800
	08/14/2019	1712.50	1,600	5.6	5.5	27 J+	440	6,900
	09/18/2019	1712.45	1,400	5.3	5.3	33	460	6,700

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
I-E	10/08/2019	1720.45	1,400	5.1	5.2	35	360	6,800
	11/08/2019	1720.32	340	5.1	5.1	34	370	6,400
	12/05/2019	1720.51	1,300	5.2	5.3	33 J+	360	6,600
	01/09/2020	1722.13	1,700	5.2	5.1	35	350	6,100
	02/12/2020	1721.54	1,300	5.4	4.8	37	350	6,500
	03/10/2020	1721.58	1,400	5.5	5.2	33 J+	310	6,200
	04/02/2020	1723.38	1,500	5.1	5.3	32	350	6,700
	05/14/2020	1721.60	1,300	5.0	4.9 J-	35 J+	310	6,000
	06/09/2020	1720.89	1,300	5.2	5.0	34	340	6,400
I-F	04/17/2019	1716.28	2,700	13	12	53	620	8,900
	05/09/2019	1716.89	2,700	12	9.6	45	660	8,400
	06/19/2019	1716.77	2,700	12		46	490	9,500
	06/24/2019				14			
	07/18/2019	1716.44	2,800	10	11	47	500	8,800
	(FD)		2,400	10	10	42	520	8,800
	08/14/2019	1716.67	2,600	11	11	51	590	8,900
	09/18/2019	1716.87	2,500	11	11	47	590	8,700
	10/08/2019	1720.20	2,600	12	11	44	460	8,600
	11/08/2019	1721.16	2,600	11	11	45	500	8,100
	12/05/2019	1721.03	2,500	11	11	43 J+	480	8,700
	01/09/2020	1722.01	2,600	11	11	46	570	7,900
	02/12/2020	1719.61	2,500	11	10	50	420	8,200
	03/10/2020	1722.46	2,400	10	11	43 J+	420	7,700
	04/02/2020	1722.91	2,300	11	11	46	410	8,900
05/14/2020	1721.37	2,300	10	9.5 J-	46 J+	400	8,500	
06/09/2020	1722.82	2,400	10	10	42	450	7,600	
I-G	04/17/2019	1714.64	4,100	21	18	59	1,400	12,000
	05/08/2019	1715.81	4,100	22	21	61	1,200	12,000
	06/19/2019	1716.68	4,000	18		69	1,100	13,000
	06/24/2019				19			
	07/19/2019	1716.64	3,700	18	19	60 J+	1,100	12,000
	08/14/2019	1716.91	4,100	20	17	66 J+	1,200	12,000
	(FD)		4,400	20	17	69 J+	1,300	12,000
	09/18/2019	1716.64	3,700	16	17	73	1,100	11,000
	10/08/2019	1717.31	3,400	17	16	72	1,100	11,000
	11/08/2019	1719.73	3,300	15	15	62	1,200	10,000
	12/06/2019	1719.74	3,400	14	16	59		10,000
	12/23/2019						810	

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
I-G	01/13/2020	1721.95	3,900	20	15	64	720	10,000
	02/13/2020	1722.38	3,000	14	14	64 J+	730	10,000
	03/11/2020	1722.00	3,400	14	17	73	710	10,000
	04/02/2020	1723.00	4,000	16	15	79 J+	730	10,000
	05/13/2020	1723.65	3,100	14	15	81 J-	770	10,000
	06/09/2020	1721.74	3,100	14	15	64	750	11,000
I-H	04/17/2019	1709.19	3,200	17	15	95	1,000	11,000
	05/08/2019	1716.45	3,000	15	16	100	910	10,000
	06/19/2019	1708.43	3,100	13		99	880	12,000
	06/24/2019				15			
	07/19/2019	1708.35	3,100	14	14	100 J+	870	10,000
	08/14/2019	1708.62	3,200	14	14	99	930	11,000
	09/18/2019	1709.10	3,100	14	14	86	1,300	10,000
	10/08/2019	1720.44	2,800	14	14	93	990	11,000
	11/08/2019	1719.09	3,000	14	14	95	940	9,800
	12/06/2019	1717.76	3,100	14	15	88		10,000
	12/23/2019						850	
	01/13/2020	1719.68	3,000	16	15	87	780	9,800
	02/13/2020	1719.91	3,000	14	14	84 J+	710	9,200
	03/11/2020	1719.95	3,100	14	15	81	690	9,800
	04/02/2020	1721.49	3,200	15	14	90 J+	720	10,000
05/13/2020	1721.70	3,100	14	15	79 J-	700	9,400	
06/09/2020	1721.22	3,100	14	13	78	710	11,000	
I-I	04/16/2019	1720.41	1,900	9.0	9.7	14	770	7,500
	05/23/2019	1720.28	2,400	8.8	9.3	15	650	7,500
	06/20/2019	1719.95	1,800	8.9	8.2	14	640	7,400
	07/16/2019	1719.89	1,900	8.8	8.9	12	650	7,400
	08/22/2019	1719.84	1,900	8.6	8.3	13 J+	780	7,700
	09/19/2019	1719.04	1,900	8.4	8.8	14	700	7,100
	(FD)		1,900	8.3	8.8	14	660	7,200
	10/09/2019	1721.11	1,900	8.8	8.3	14	620	7,200
	11/05/2019	1721.59	1,800	8.2	8.7	13	670	7,200
	12/05/2019	1720.46	1,900	8.4	8.6	12 J+	630	7,100
	01/08/2020	1722.38	1,900	8.3	9.2	16	580	7,100
	02/13/2020	1721.31	1,900	9.0	8.5	15	630	7,300
	03/09/2020	1721.80	2,000	9.0	9.1	15 J+	590	6,800
	04/02/2020	1722.84	1,900	9.4	8.5	19	680	7,200
	05/13/2020	1722.77	2,100	8.5	8.3	16	620 J-	6,800

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
I-I	06/08/2020	1721.63	2,000	8.9	7.6	17	670	6,900
I-J	04/16/2019	1708.87	1,100	4.1	4.0	8.8	290	6,400
	05/23/2019	1708.94	1,100	3.8	3.9	9.6	300	6,400
	06/20/2019	1708.00	1,000	3.7	3.6	8.5	260	6,400
	07/16/2019	1707.90	970	4.1	3.7	8.7	300	6,300
	08/22/2019	1707.83	1,100	3.7	3.8	8.0 J+	320	6,400
	09/19/2019	1707.96	980	3.9	4.0	8.6	300	6,000
	10/09/2019	1707.39	750	3.9	3.8	8.6	230	6,000
	11/05/2019	1707.32	980	3.7	4.0	7.9	270	6,400
	12/05/2019	1713.70	1,000	3.9	3.9	7.6 J+	250	6,200
	01/08/2020	1710.89	1,000	3.9	4.0	10	250	6,100
	02/13/2020	1706.96	970	4.0	3.9	6.5 J+	230	5,500
	03/09/2020	1706.83	980	4.1	4.2	7.2 J+	260	5,500
	04/02/2020	1706.67	960	4.2	3.9	9.1	260	6,100
	05/13/2020	1713.85	950	4.1	4.4	6.9	210 J-	5,600
06/08/2020	1712.65	920	4.2	4.0	6.3	240	5,600	
I-K	04/16/2019	1709.87	710	2.3	2.4	11	220	6,500
	05/23/2019	1709.93	740	2.3	2.4	12	240	6,400
	06/20/2019	1710.02	750	2.2	2.1	11	210	6,600
	07/16/2019	1709.84	710	2.4	2.2	11	240	6,300
	08/22/2019	1709.77	850	2.4	2.3	9.9 J+	270	6,700
	09/19/2019	1709.02	710	2.3	2.4	10	270	6,400
	10/09/2019	1709.53	640	2.1	2.2	11	230	6,400
	(FD)		690	2.3	2.3	11	240	6,500
	11/05/2019	1710.07	700	2.2	2.3	11	250	6,600
	12/05/2019	1711.91	600	2.2	2.3	9.4 J+	230	6,600
	01/08/2020	1711.05	720	2.2	1.2	13	220	6,500
	02/13/2020	1709.51	710	2.4	2.2	13	230	6,000
	03/09/2020	1711.52	730	2.4	2.4	9.9 J+	240	6,100
	04/02/2020	1712.68	730	2.4	2.2	12	280	6,500
05/13/2020	1711.50	730	2.4	2.3	9.8	210 J-	6,300	
06/08/2020	1711.65	730	2.4	2.2	9.2	270	6,400	
I-L	04/18/2019	1719.01	93	0.84	0.60	62	310	4,700
	05/14/2019	1719.58	160	0.51	0.59	70	280	4,500
	06/20/2019	1718.71	140	0.47	0.48	68	280	4,500
	07/18/2019	1718.14	140	0.44	0.48	83	280	4,400
	08/14/2019	1718.54	120	0.40	0.38	84	310	4,500
	09/18/2019	1718.05	130	0.50	0.47	83	350	4,600

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
I-L	10/08/2019	1721.20	150	0.49	0.50	82	320	4,700
	11/08/2019	1721.58	190	0.59	0.62	83	270	4,600
	12/03/2019	1716.04	180	0.71	0.69	64	340	4,900
	01/09/2020	1720.52	200	0.70	0.74	57	270	4,600
	02/12/2020	1719.32	210	0.85	0.82	62	210	4,400
	03/10/2020	1721.01	260	0.95	0.93	64	230	4,500
	04/02/2020	1722.32	240	0.88	0.81	68 J+	290	4,800
	05/14/2020	1721.62	280	0.96	0.94 J+	64	230	4,500
06/04/2020	1719.31	280	1.1	1.0	80	270	4,600	
I-M	04/17/2019	1719.64	1,500	5.7	5.8	45	740	7,400
	05/09/2019	1719.99	1,500	5.9	4.6	39	690	6,900
	06/19/2019	1719.63	1,400	5.4		35	550	7,600
	06/24/2019				5.2			
	07/18/2019	1719.20	1,400	4.9	5.6	40	570	6,900
	08/14/2019	1719.08	1,400	5.0	4.8	39	560	7,100
	09/18/2019	1718.94	1,400	5.1	5.0	37	510	6,600
	10/08/2019	1722.05	1,300	4.9	5.1	36	410	6,600
	11/08/2019	1722.09	1,300 J+	5.0	4.9	33	440	6,400
	(FD)		1,400 J+	4.9	4.7	33	420	6,400
	12/05/2019	1723.15	1,300	4.7	4.9	31 J+	380	6,500
	01/09/2020	1723.66	1,300	4.9	4.7	35	340	5,900
	02/12/2020	1720.26	1,300	5.0	4.7	39	370	6,400
	03/10/2020	1722.67	1,300	4.8	4.9	33 J+	330	6,000
	04/02/2020	1724.28	1,300	4.8	5.2	29	330	6,900
05/14/2020	1724.46	1,300	4.9	4.7 J-	36 J+	310	6,200	
06/09/2020	1723.50	1,200	5.2	5.0	35 J+	340	6,000	
I-N	04/17/2019	1718.00	1,800	6.0	6.0	57	480	6,600
	05/09/2019	1717.45	1,500	5.1	4.6	46	440	6,200
	06/19/2019	1717.83	1,400	4.5		45	350	6,700
	06/24/2019				5.2			
	07/18/2019	1717.20	1,300	4.4	4.5	48	400	6,300
	08/14/2019	1716.38	1,200	4.6	4.4	40	450	6,400
	09/18/2019	1716.33	1,200	4.3	4.6	51	450	6,100
	10/08/2019	1711.25	1,300	4.3	4.4	45	340	6,100
	11/08/2019	1711.14	1,300 J+	4.8	4.4	42	360	5,900
	12/05/2019	1720.96	1,300	4.6	4.9	43 J+	340	6,200
	01/09/2020	1720.98	1,400	5.1	5.4	55	350	6,100
	02/12/2020	1721.48	1,500	5.9	5.2	92	380	6,700

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
I-N	03/10/2020	1723.52	1,500	5.8	5.7	86 J+	380	6,500
	04/02/2020	1722.46	1,500	6.0	6.0	77	370	7,200
	05/14/2020	1722.85	1,500	5.9	5.1 J-	140 J+	350	7,400
	06/09/2020	1722.69	1,600	6.0	6.0	110	410	7,000
I-O	04/17/2019	1719.80	3,000	16	15	43	780	9,900
	05/08/2019	1719.64	3,200	14	15	43	710	9,400
	06/19/2019	1719.45	3,200	13		41	720	10,000
	06/24/2019				17			
	07/19/2019	1719.10	2,900	14	13	44 J+	580	9,300
	08/14/2019	1714.97	4,000	13	14	45	790	9,600
	09/18/2019	1715.05	3,100	14	15	43	820	9,700
	10/08/2019	1721.77	3,200	17	14	43	800	9,600
	11/08/2019	1722.29	3,000	14	14	43	740	9,300
	12/06/2019	1720.87	3,200	15	15	37		9,600
	(FD)		3,100	15	15	38		9,600
	12/23/2019						740	
	(FD)						790	
	01/13/2020	1722.33	3,200	16	15	42	760	9,300
	02/13/2020	1719.66	3,700	14	14	47	560	8,600
	03/11/2020	1721.60	2,900	14	15	47	590	9,100
	04/02/2020	1724.52	3,000	14	12	57 J-	590	9,900
05/13/2020	1723.91	5,100	13	13	58 J-	650	9,200	
06/09/2020	1723.40	2,900	13	12	63	680	9,800	
I-P	04/17/2019	1719.28	3,100	15	14	72	950	10,000
	05/08/2019	1719.19	3,000	16	15	79	830	9,900
	06/19/2019	1718.92	3,000	12		74	800	11,000
	06/24/2019				15			
	07/19/2019	1718.95	3,100	14	13 J-	60 J+	780	9,900
	08/14/2019	1718.59	3,100	13	14	82	880	10,000
	09/18/2019	1717.82	3,100	14	15	76	840	10,000
	10/08/2019	1721.12	3,000	15	14	78	930	10,000
	11/08/2019	1721.82	3,100	14	14	77	830	9,800
	12/06/2019	1719.22	3,200	14	15	64		10,000
	12/23/2019						840 J+	
	01/13/2020	1720.67	3,100	15	14	75	740	9,800
	02/13/2020	1721.92	3,500	14	14	86	680	9,300
	03/11/2020	1722.40	3,200	14	16	76	700	9,600
04/02/2020	1723.34	3,200	14	14	85 J-	730	10,000	

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April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
I-P	05/13/2020	1723.39	2,900	14	14	81 J-	740	9,400
	06/09/2020	1722.84	2,800	14	13	79	760	11,000
I-Q	04/17/2019	1715.58	1,700	17	17	54	880	9,800
	05/08/2019	1715.76	3,400	16	15	56	690	9,300
	06/19/2019	1714.86	3,300	14		59	700	11,000
	06/24/2019				16			
	07/19/2019	1713.47	2,800	15	15	55 J+	720	10,000
	08/14/2019	1717.59	3,400	16	13	70 J+	790	10,000
	09/18/2019	1718.40	4,000	14	15	58	850	10,000
	10/08/2019	1718.87	3,400	14	14	62	820	10,000
	11/08/2019	1718.99	3,200	14	15	58	770	9,800
	12/06/2019	1719.73	3,300	15	15	55		10,000
	12/23/2019						850	
	01/13/2020	1719.46	3,300	16	15	59	690	10,000
	(FD)		3,300	16	15	61	690	10,000
	02/13/2020	1720.67	2,700	15	14	55 J+	650	9,900
	03/11/2020	1720.78	3,200	15	17	59	620	9,800
	04/02/2020	1721.23	2,600	14	15	65 J+	630	11,000
05/13/2020	1722.51	2,100	14	13	61 J-	620	9,800	
06/09/2020	1721.02	3,100	14	14	55	690	11,000	
I-R	04/18/2019	1716.57	130	0.49	0.44	81	820	5,200
	05/14/2019	1721.10	230	0.36	0.41	85	740	5,300
	06/20/2019	1720.46	100	0.35	0.33	75	710	5,100
	07/18/2019	1720.36	89	0.27	0.31	88	690	5,000
	08/14/2019	1720.21	75	0.24	0.26	86	770	5,000
	09/18/2019	1719.91	82	0.26	0.22	76	780	4,800
	10/08/2019	1718.91	89	0.27	0.26	99	690	5,000
	11/08/2019	1719.00	91	0.29	0.29	89	640	4,600
	12/03/2019	1719.05	88	0.29	0.30	75	820	4,800
	01/09/2020	1720.32	110	0.36	0.37	86	730	5,100
	02/12/2020	1717.99	120	0.44	0.43	91	700	5,200
	03/10/2020	1719.79	150	0.48	0.51	86	640	4,900
	04/02/2020	1720.85	170	0.56	0.53	100 J+	630	5,600
	05/14/2020	1732.89	180	0.61	0.58 J+	90	640	5,300
06/04/2020	1720.90	180	0.64	0.67	92	640	4,900	
I-S	04/18/2019	1705.83	140	1.1	0.93	64	380	5,000
	05/14/2019	1708.23	240	0.77	0.77	70	320	4,900
	06/20/2019	1708.17	210	0.70	0.73	66	340	4,600

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April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
I-S	07/18/2019	1706.28	200	0.68	0.63	80	340	4,700
	08/14/2019	1706.22	180	0.60	0.60	79	380	4,600
	09/18/2019	1706.04	220	0.73	0.69	78	410	4,900
	10/08/2019	1706.09	220	0.73	0.71	77	400	5,100
	11/08/2019	1706.04	250	0.83	0.81	96	310	4,700
	12/03/2019	1705.16	250	0.82	1.0	61	390	5,100
	01/09/2020	1712.45	280	1.0	1.0	57	290	4,700
	02/12/2020	1717.86	310	1.1	1.1	62	240	4,900
	(FD)		310	1.3	1.2	62	240	4,800
	03/10/2020	1719.96	360	1.2	1.3	67 J+	230	4,400
	04/02/2020	1720.08	330	1.3	1.2	73 J+	290	5,100
	05/14/2020	1721.36	330	1.4	1.4 J+	57	250	7,200
06/04/2020	1720.40	350	1.5	1.5	71	300	4,700	
I-T	04/17/2019	1708.76	3,800	19	18	60	1,400	11,000
	05/08/2019	1708.75	4,800	19	20	64	1,200	11,000
	06/19/2019	1708.15	3,800	17		70	1,200	13,000
	06/24/2019				18			
	07/19/2019	1708.77	3,200	17	18	73 J+	1,100	12,000
	08/14/2019	1709.10	3,700	16	16	62 J+	1,300	12,000
	09/18/2019	1709.25	3,800	16	17	69	1,500	12,000
	10/08/2019	1708.61	3,700	17	16	76	1,200	12,000
	11/08/2019	1708.96	3,500	16	16	68	1,300	11,000
	12/06/2019	1708.24	3,600	17	17	62		12,000
	12/23/2019						1,100	
	01/13/2020	1715.18	3,500	17	17	70	980	11,000
	02/13/2020	1715.64	3,300	16	16	76 J+	910	11,000
	03/11/2020	1717.70	3,200	15	17	73	890	11,000
	04/02/2020	1719.93	420	16	15	81 J+	850	11,000
05/13/2020	1720.87	2,900	14	15	77 J-	870	10,000	
06/09/2020	1721.18	2,800	15	14	72	840	11,000	
I-U	04/17/2019	1714.87	3,700	19	17	72	1,400	12,000
	05/08/2019	1715.31	3,800	19	19	83	1,200	12,000
	06/19/2019	1714.91	3,700	16		82	1,200	14,000
	06/24/2019				18			
	07/19/2019	1714.83	3,900	16	17	88 J+	1,200	12,000
	08/14/2019	1715.07	3,300	16	17	85 J+	1,300	12,000
	09/18/2019	1714.98	3,600	16	17	77	1,400	12,000
	10/08/2019	1714.62	3,200	17	16	86	1,300	12,000

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
I-U	11/08/2019	1713.16	3,400	16	16	89	1,300	11,000
	12/06/2019	1712.15	3,300	16	17	73		12,000
	12/23/2019						1,200	
	01/13/2020	1715.35	3,600	17	17	80	1,000	11,000
	02/13/2020	1716.51	3,400	16	17	85 J+	1,000	11,000
	03/11/2020	1717.56	3,400	16	18	81	1,000	11,000
	(FD)		3,400	16	17	87	1,000	11,000
	04/02/2020	1719.87	3,600	16	16	90 J+	990	11,000
	05/13/2020	1717.51	3,100	16	15	90 J-	920	10,000
06/09/2020	1716.99	3,300	15	14	79	980	12,000	
I-V	04/16/2019	1718.04	2,200	12	13	23	860	8,600
	05/23/2019	1717.93	3,100	12	13	21	780	8,400
	06/20/2019	1718.13	2,600	11	11	25	740	8,500
	07/16/2019	1717.95	2,600	13	12	22	830	8,600
	08/22/2019	1718.13	2,700	12	11	27 J+	870	8,600
	09/19/2019	1718.17	2,600	12	12	26	810	8,100
	10/09/2019	1719.69	2,700	12	12	26	680	8,300
	11/05/2019	1720.18	3,000	11	12	25	770	8,500
	12/05/2019	1720.06	2,500	12	12	24 J+	640	8,700
	01/08/2020	1720.76	2,700	12	13	28	660	8,600
	02/13/2020	1720.84	2,700	13	12	32	670	8,100
	03/09/2020	1721.49	2,700	13	13	37	630	8,300
	04/02/2020	1724.03	2,700	13	12	45 J-	670	8,800
	05/13/2020	1722.44	2,400	12	11	40	600 J-	8,100
06/08/2020	1720.73	2,700	12	11	43	670	8,300	
I-W	04/17/2019	1700.41	3,000	17	15	46	870	9,500
	05/08/2019	1700.28	3,300	14	15	47	730	9,100
	06/19/2019	1700.19	3,100	12		44	700	10,000
	06/24/2019				16			
	07/19/2019	1720.08	3,200	14	13 J-	45 J+	750	9,700
	08/14/2019	1700.47	3,100	14	13	49	780	9,700
	09/18/2019	1701.60	3,000	15	15	50	800	9,300
	10/08/2019	1700.49	2,900	15	14	49	760	9,700
	11/08/2019	1706.43	3,100	14	13	45	750	12,000
	12/06/2019	1719.51	3,200	15	16	43		9,600
	12/23/2019						780	
	01/13/2020	1699.83	3,500	15	14	46	750	9,300
	02/13/2020	1717.45	3,000	14	14	59	610	8,700

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
I-W	03/11/2020	1718.60	2,700	16	15	50	620	9,200
	04/02/2020	1721.13	2,500	14	13	61 J-	660	9,700
	(FD)		3,000	14	14	67 J+	650	9,900
	05/13/2020	1723.09	6,900	13	13	63 J-	650	9,600
	06/09/2020	1722.61	850	13	12	62	630	10,000
I-X	04/17/2019	1698.03	2,200	8.9	8.3	89	780	8,400
	05/09/2019	1698.02	2,200	8.0	6.3	83	810	8,100
	06/19/2019	1697.67	2,000	6.8		85	630	9,000
	06/24/2019				7.6			
	07/18/2019	1698.37	1,800	6.5	6.6	88	630	7,900
	08/14/2019	1698.22	1,700	6.9	6.6	88	690	7,700
	09/18/2019	1698.14	1,700	6.1	6.6	96	700	7,700
	10/08/2019	1717.24	1,700	6.8	6.4	91	570	7,500
	11/08/2019	1717.58	1,600 J+	6.4	6.3	84	570	7,100
	12/05/2019	1718.38	1,800	6.1	6.6	84 J+	560	7,600
	01/09/2020	1719.28	2,200	6.5	6.5	87	540	7,000
	02/12/2020	1718.85	1,700	7.2	6.5	130	580	7,900
	03/10/2020		1,700	6.7	6.9	130 J+	540	7,100
	03/11/2020	1718.96						
	04/02/2020	1720.29	1,700	7.1	7.2	130	580	8,100
05/14/2020	1720.86	1,700	6.7	5.9 J-	160 J+	480	8,100	
06/09/2020	1720.21	1,700	7.0	6.9	140	590	8,700	
I-Y	04/18/2019	1712.37	200	0.71	0.66	87	590	5,100
	05/14/2019	1714.57	87	0.59	0.64	83	580	5,300
	06/20/2019	1714.17	160	0.51	0.53	86	520	5,100
	07/18/2019	1716.41	140	0.45	0.49	93	540	5,100
	08/14/2019	1717.17	150	0.44	0.43	100	660	5,200
	09/18/2019	1711.91	140	0.46	0.44	92	710	5,100
	10/08/2019	1713.83	140	0.46	0.46	100	650	5,100
	11/08/2019	1713.73	170	0.50	0.49	120	530	4,800
	12/03/2019	1715.92	160	0.53	0.56	84	680	5,200
	01/09/2020	1717.00	170	0.58	0.58	81	580	4,900
	02/12/2020	1715.00	180	0.67	0.65	82	430	4,800
	03/10/2020	1716.53	180	0.69	0.72	77	380	4,500
	04/02/2020	1719.13	220	0.75	0.70	87 J+	410	5,000
	05/14/2020	1717.10	230	0.74	0.77 J+	78	360	4,700
	(FD)		230	0.78	0.76 J+	70	370	4,700
06/04/2020	1718.08	230	0.79	0.86	87	380	4,500	

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
I-Z	04/16/2019	1710.24	1,500	7.3	8.0	9.1	330	6,400
	05/23/2019	1710.26	1,700	7.3	7.7	9.4	310	6,200
	06/20/2019	1710.27	1,400	7.0	6.8	9.2	250	6,200
	07/16/2019	1708.34	1,500	7.2	7.0	8.3	320	6,100
	08/22/2019	1717.58	1,200	6.5	6.4	7.2 J+	280	6,000
	09/19/2019	1717.50	1,500	7.1	7.2	8.9	320	6,100
	10/09/2019	1714.92	1,400	7.5	7.1	9.5	290	6,000
	11/05/2019	1714.61	1,400	7.0	7.5	8.8	310	6,400
	12/05/2019	1710.22	1,400	7.2	7.5	8.5 J+	300	6,400
	01/08/2020	1711.03	1,500	7.0	8.0	12	300	6,400
	02/13/2020	1713.51	1,500	7.7	7.2	8.9 J+	300	6,100
	03/09/2020	1715.08	1,500	7.8	7.9	9.5 J+	350	6,100
	04/02/2020	1715.73	1,500	7.8	7.3	13	390	6,800
	05/13/2020	1716.53	1,700	7.1	8.0	10	310 J-	6,400
06/08/2020	1715.36	1,500	7.4	6.9	9.9	410	6,200	
LVW 0.55	04/03/2019		0.23				0.056	1,400
	(FD)		0.23				0.055	1,400
	05/01/2019		0.22				0.045	1,300
	(FD)		0.22				0.046	1,300
	06/05/2019		0.16				0.043	1,500
	(FD)		0.15				0.042	1,500
	07/10/2019		0.20				0.051	1,400
	(FD)		0.19				0.048	1,400
	08/09/2019		0.20				0.047	1,400
	(FD)		0.21				0.048	1,400
	09/04/2019		0.18				0.054	1,300
	10/10/2019		0.18				0.044	1,400
	11/14/2019		0.15				0.045	1,400
	12/05/2019		0.12				0.034	970
	01/13/2020		0.20				0.057	1,400
	(FD)		0.20				0.058	1,400
	02/05/2020		0.22				0.050	1,400
	(FD)		0.22				0.050	1,400
03/05/2020		0.17				0.053	1,400	
(FD)		0.16				0.053	1,400	
04/14/2020		0.16				0.052	1,400	
(FD)		0.15				0.053	1,400	
05/01/2020		0.20				0.069	1,400	

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
LVW 0.55	(FD)		0.20				0.069	1,400
	06/09/2020		0.20				0.068	1,400
	(FD)		0.22				0.068	1,400
LVW 3.5-1	04/03/2019		0.25				0.069	1,400
	05/01/2019		0.27				0.064	1,300
	06/05/2019		0.19				0.055	1,500
	07/10/2019		0.24				0.063	1,400
	08/08/2019		0.25				0.058	1,300
	09/04/2019		0.23				0.074	1,300
	10/10/2019		0.22				0.063	1,400
	11/14/2019		0.19				0.054 J+	1,400
	12/05/2019		0.15				0.055	1,000
	01/13/2020		0.22				0.051 J+	1,400
	02/05/2020		0.27				0.069	1,400
	03/05/2020		0.21				0.067	1,400
	04/14/2020		0.18				0.061	1,400
	05/01/2020		0.22				0.084	1,400
06/09/2020		0.21				0.076	1,400	
LVW 3.5-2	04/03/2019		0.25				0.068	1,400
	05/01/2019		0.26				0.061	1,300
	06/05/2019		0.17				0.051	1,400
	07/10/2019		0.22				0.063	1,400
	08/08/2019		0.24				0.054	1,300
	09/04/2019		0.22				0.071	1,300
	10/10/2019		0.20				0.060	1,400
	11/14/2019		0.18				0.055	1,400
	12/05/2019		0.14				0.052	1,000
	01/13/2020		0.23				0.053 J+	1,400
	02/05/2020		0.26				0.068	1,400
	03/05/2020		0.20				0.056	1,400
	04/14/2020		0.17				0.060	1,400
	05/01/2020		0.22				0.084	1,400
06/09/2020		0.22				0.076	1,400	
LVW 3.5-3	04/03/2019		0.24				0.065	1,400
	05/01/2019		0.26				0.060	1,300
	06/05/2019		0.17				0.050	1,500
	07/10/2019		0.21				0.060	1,400
	08/08/2019		0.24				0.055	1,300

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
LVW 3.5-3	09/04/2019		0.20				0.069	1,300
	10/10/2019		0.21				0.055	1,400
	11/14/2019		0.18				0.053	1,400
	12/05/2019		0.16				0.055	1,000
	01/13/2020		0.22				0.056 J+	1,400
	02/05/2020		0.27				0.067	1,400
	03/05/2020		0.19				0.058	1,400
	04/14/2020		0.18				0.057	1,400
	05/01/2020		0.22				0.083	1,500
	06/09/2020		0.21				0.072	1,400
LVW 3.5-4	04/03/2019		0.23				0.062	1,400
	05/01/2019		0.25				0.058	1,300
	06/05/2019		0.16				0.048	1,500
	07/10/2019		0.22				0.059	1,400
	08/08/2019		0.23				0.053	1,300
	09/04/2019		0.22				0.073	1,300
	10/10/2019		0.21				0.056	1,300
	11/14/2019		0.17				0.051	1,400
	12/05/2019		0.14				0.051	1,000
	01/13/2020		0.22				0.056 J+	1,400
	02/05/2020		0.24				0.062	1,400
	03/05/2020		0.17				0.055	1,400
	04/14/2020		0.20				0.073	1,400
	05/01/2020		0.21				0.080	1,500
	06/09/2020		0.23				0.073	1,400
LVW 3.5-5	04/03/2019		0.23				0.061	1,400
	05/01/2019		0.23				0.053	1,300
	06/05/2019		0.17				0.049	1,500
	07/10/2019		0.20				0.056	1,400
	08/08/2019		0.22				0.051	1,300
	09/04/2019		0.20				0.071	1,300
	10/10/2019		0.19				0.052	1,400
	11/14/2019		0.17				0.052	1,400
	12/05/2019		0.13				0.048	1,000
	01/13/2020		0.20				0.054 J+	1,400
	02/05/2020		0.22				0.060	1,400
	03/05/2020		0.19				0.061	1,400
	04/14/2020		0.19				0.059	1,400

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
LVW 3.5-5	05/01/2020		0.21				0.080	1,400
	06/09/2020		0.22				0.073	1,400
LVW 3.5-6	04/03/2019		0.23				0.062	1,400
	05/01/2019		0.22				0.049	1,300
	06/05/2019		0.15				0.046	1,500
	07/10/2019		0.20				0.057	1,400
	08/08/2019		0.23				0.051	1,300
	09/04/2019		0.21				0.068	1,300
	10/10/2019		0.18				0.047	1,400
	11/14/2019		0.17				0.053	1,400
	12/05/2019		0.13				0.047	1,000
	01/13/2020		0.20				0.049 J+	1,400
	02/05/2020		0.22				0.058	1,400
	03/05/2020		0.16				0.053	1,400
	04/14/2020		0.17				0.065	1,400
	05/01/2020		0.21				0.080	1,400
06/09/2020		0.23				0.073	1,400	
LVW 4.2-1	04/03/2019		0.30				0.076	1,400
	05/01/2019		0.30				0.071	1,300
	06/06/2019		0.20				0.057	1,400
	07/09/2019		0.23				0.062	1,500
	08/08/2019		0.26				0.066	1,300
	09/05/2019		0.25				0.067	1,300
	10/10/2019		0.27				0.071	1,400
	11/14/2019		0.23				0.071	1,400
	12/05/2019		0.21				0.066	1,100
	01/13/2020		0.26				0.070 J+	1,400
	02/05/2020		0.29				0.080	1,500
	03/05/2020		0.24				0.071	1,400
	04/14/2020		0.23				0.080	1,500
	05/01/2020		0.28				0.064	1,400
06/09/2020		0.26				0.077	1,400	
LVW 4.2-2	04/03/2019		0.26				0.063	1,400
	05/01/2019		0.27				0.065	1,400
	06/06/2019		0.17				0.050	1,400
	07/09/2019		0.22				0.052	1,500
	08/08/2019		0.23				0.056	1,300
	09/05/2019		0.23				0.062	1,300

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
LVW 4.2-2	10/10/2019		0.26				0.069	1,400
	11/14/2019		0.20				0.061	1,400
	12/05/2019		0.19				0.074	1,100
	01/13/2020		0.23				0.054 J+	1,400
	02/05/2020		0.30				0.080	1,500
	03/05/2020		0.24				0.071	1,400
	04/14/2020		0.21				0.073	1,500
	05/01/2020		0.19				0.064	1,400
	06/09/2020		0.15				0.049	1,300
LVW 4.2-3	04/03/2019		0.15				0.037	1,400
	05/01/2019		1.6				0.033	1,300
	06/06/2019		0.079				0.031	1,400
	07/09/2019		0.14				0.038	1,400
	08/08/2019		0.16				0.033	1,300
	09/05/2019		0.14				0.035	1,300
	10/10/2019		0.14				0.037	1,400
	11/14/2019		0.11				0.034	1,400
	12/05/2019		0.087				0.043	1,100
	01/13/2020		0.12				0.040 J+	1,400
	02/05/2020		0.21				0.055	1,400
	03/05/2020		0.17				0.054	1,400
	04/14/2020		0.13				0.048	1,400
	05/01/2020		0.17				0.064	1,400
	06/09/2020		0.15				0.049	1,400
LVW 4.2-4	04/03/2019		0.14				0.031	1,400
	05/01/2019		0.14				0.029	1,300
	06/06/2019		0.060				0.024	1,400
	07/09/2019		0.10				0.028	1,400
	08/08/2019		0.14				0.025	1,300
	09/05/2019		0.12				0.029	1,300
	10/10/2019		0.12				0.034	1,400
	11/14/2019		0.095				0.029	1,400
	12/05/2019		0.081				0.041	1,100
	01/13/2020		0.11				0.035 J+	1,400
	02/05/2020		0.14				0.039	1,400
	03/05/2020		0.094				0.034	1,400
	04/14/2020		0.087				0.049	1,400
	05/01/2020		0.13				0.054	1,400

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
LVW 4.2-4	06/09/2020		0.13				0.047	1,300
LVW 4.75-1	04/03/2019		0.25				0.060	1,400
	05/01/2019		0.31				0.072	1,400
	06/06/2019		0.19				0.058	1,400
	07/09/2019		0.25				0.069	1,500
	08/08/2019		0.26				0.058	1,300
	09/05/2019		0.24				0.061	1,400
	10/10/2019		0.25				0.069	1,400
	11/14/2019		0.19				0.058	1,400
	12/05/2019		0.20				0.094	1,200
	01/13/2020		0.25				0.059 J+	1,400
	02/05/2020		0.28				0.075	1,500
	03/05/2020		0.24				0.074	1,500
	04/14/2020		0.27				0.082	1,500 J-
	05/01/2020		0.25				0.062	1,500
06/09/2020		0.25				0.072	1,400	
LVW 4.75-2	04/03/2019		0.25				0.055	1,500
	05/01/2019		0.31				0.072	1,400
	06/06/2019		0.18				0.057	1,400
	07/09/2019		0.21				0.064	1,400
	08/08/2019		0.25				0.057	1,300
	09/05/2019		0.23				0.062	1,300
	10/10/2019		0.25				0.067	1,400
	11/14/2019		0.21				0.049	1,400
	12/05/2019		0.18				0.10	1,200
	01/13/2020		0.22				0.063 J+	1,400
	02/05/2020		0.25				0.070	1,500
	03/05/2020		0.23				0.072	1,500
	04/14/2020		0.22				0.081	1,500 J-
	05/01/2020		0.26				0.067	1,500
06/09/2020		0.27				0.075	1,400	
LVW 4.75-3	04/03/2019		0.19				0.042	1,400
	05/01/2019		0.16				0.036	1,300
	06/06/2019		0.17				0.055	1,400
	07/09/2019		0.12				0.033	1,500
	08/08/2019		0.21				0.045	1,300
	09/05/2019		0.21				0.054	1,300
	10/10/2019		0.20				0.052	1,400

TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
LVW 4.75-3	11/14/2019		0.11				0.034	1,400
	12/05/2019		0.13				0.098	1,200
	01/13/2020		0.17				0.042 J+	1,400
	02/05/2020		0.19				0.050	1,500
	03/05/2020		0.16				0.051	1,400
	04/14/2020		0.18				0.067	1,500
	05/01/2020		0.21				0.054	1,500
	06/09/2020		0.23				0.060	1,400
LVW 4.75-4	04/03/2019		0.13				0.028	1,400
	05/01/2019		0.15				0.033	1,300
	06/06/2019		0.073				0.030	1,400
	07/09/2019		0.10				0.031	1,400
	08/08/2019		0.14				0.029	1,300
	09/05/2019		0.13				0.034	1,300
	10/10/2019		0.13				0.036	1,400
	11/14/2019		0.091				0.029	1,400
	12/05/2019		0.085				0.089	1,200
	01/13/2020		0.11				0.037 J+	1,400
	02/05/2020		0.15				0.042	1,400
	03/05/2020		0.11				0.040	1,400
	04/14/2020		0.11				0.054	1,400
	05/01/2020		0.12				0.042	1,400
06/09/2020		0.14				0.047	1,400	
LVW 4.75-5	04/03/2019		0.13				0.029	1,400
	05/01/2019		0.15				0.035	1,400
	06/06/2019		0.070				0.025	1,400
	07/09/2019		0.11				0.034	1,400
	08/08/2019		0.14				0.027	1,300
	09/05/2019		0.13				0.034	1,300
	10/10/2019		0.13				0.035	1,400
	11/14/2019		0.088				0.029	1,400
	12/05/2019		0.081				0.082	1,200
	01/13/2020		0.11				0.048 J+	1,400
	02/05/2020		0.15				0.052	1,400
	03/05/2020		0.10				0.045	1,400
	04/14/2020		0.095				0.057	1,500
	05/01/2020		0.11				0.041	1,400
06/09/2020		0.14				0.049	1,400	

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
LVW 5.3-1	04/03/2019		0.14				0.022	1,400
	05/01/2019		0.17				0.032	1,400
	06/06/2019		0.088				0.028	1,400
	07/09/2019		0.13				0.040	1,500
	08/08/2019		0.20				0.041	1,400
	09/05/2019		0.17				0.042	1,400
	10/10/2019		0.16				0.020	1,400
	11/14/2019		0.099				<0.00095	1,400
	12/05/2019		0.098				0.070	1,200
	01/13/2020		0.14				0.033 J+	1,400
	02/05/2020		0.17				0.039	1,400
	03/05/2020		0.14				0.035	1,500
	04/14/2020		0.14				0.060	1,500
	05/01/2020		0.15				0.044	1,500
06/09/2020		0.18				0.047	1,400	
LVW 5.3-2	04/03/2019		0.12				0.015	1,500
	05/01/2019		0.15				0.024	1,400
	06/06/2019		0.059				0.020	1,400
	07/09/2019		0.11				0.025	1,500
	08/08/2019		0.14				0.021	1,400
	09/05/2019		0.11				0.023	1,300
	10/10/2019		0.12				0.019	1,400
	11/14/2019		0.087				0.017	1,400
	12/05/2019		0.079				0.10	1,200
	01/13/2020		0.11				0.025 J+	1,400
	02/05/2020		0.14				0.028	1,400
	03/05/2020		0.10				0.029	1,500
	04/14/2020		0.094				0.043	1,500
	05/01/2020		0.11				0.028	1,500
06/09/2020		0.13				0.029	1,400	
LVW 5.3-3	04/03/2019		0.12				0.016	1,400
	05/01/2019		0.14				0.023	1,400
	06/06/2019		0.057				0.018	1,400
	07/09/2019		0.099				0.023	1,400
	08/08/2019		0.13				0.017	1,300
	09/05/2019		0.11				0.018	1,300
	10/10/2019		0.13				0.020	1,400
	11/14/2019		0.085				0.018	1,400

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
LVW 5.3-3	12/05/2019		0.074				0.12	1,200
	01/13/2020		0.11				0.025 J+	1,400
	02/05/2020		0.13				0.026	1,400
	03/05/2020		0.11				0.030	1,400
	04/14/2020		0.078				0.036	1,500
	05/01/2020		0.11				0.028	1,500
	06/09/2020		0.13				0.030	1,400
LVW 5.3-4	04/03/2019		0.12				0.015	1,400
	05/01/2019		0.14				0.023	1,400
	06/06/2019		0.057				0.022	1,400
	07/09/2019		0.10				0.020	1,500
	08/08/2019		0.13				0.017	1,300
	09/05/2019		0.10				0.016	1,300
	10/10/2019		0.12				0.017	1,300
	11/14/2019		0.082				0.020	1,400
	12/05/2019		0.072				0.15	1,200
	01/13/2020		0.11				0.020	1,400
	02/05/2020		0.13				0.029	1,400
	03/05/2020		0.10				0.029	1,500
	04/14/2020		0.074				0.033	1,500
	05/01/2020		0.11				0.025	1,400
06/09/2020		0.12				0.027	1,400	
LVW 5.3-5	04/03/2019		0.12				0.015	1,400
	05/01/2019		0.14				0.020	1,400
	06/06/2019		0.058				0.021	1,400
	07/09/2019		0.096				0.019	1,400
	08/08/2019		0.13				0.018	1,300
	09/05/2019		0.10				0.018	1,300
	10/10/2019		0.13				0.020	1,400
	11/14/2019		0.089 J+				0.019	1,400
	12/05/2019		0.072				0.13	1,200
	01/13/2020		0.11				0.022	1,400
	02/05/2020		0.13				0.029	1,400
	03/05/2020		1.0				0.030	1,400
	04/14/2020		0.077				0.033	1,500
	05/01/2020		0.11				0.025	1,400
06/09/2020		0.11				0.027	1,400	
LVW 5.3-6	04/03/2019		0.12				0.015	1,400

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
LVW 5.3-6	05/01/2019		0.13				0.020	1,300
	06/06/2019		0.058				0.021	1,400
	07/09/2019		0.11				0.022	1,400
	08/08/2019		0.13				0.017	1,300
	09/05/2019		0.11				0.018	1,300
	10/10/2019		0.12				0.019	1,300
	11/14/2019		0.089 J+				0.018	1,400
	12/05/2019		0.072 J+				0.13	1,200
	01/13/2020		0.11				0.024	1,400
	02/05/2020		0.13				0.028	1,400
	03/05/2020		0.10				0.030	1,400
	04/14/2020		0.077				0.034	1,500
	05/01/2020		0.11				0.024	1,500
	06/09/2020		0.13				0.028	1,400
LVW 6.05	04/04/2019		0.10				0.016	1,400
	(FD)		0.10				0.019	1,400
	05/01/2019		0.14				0.012	1,400
	(FD)		0.14				0.013	1,400
	06/05/2019		0.060				0.010	1,500
	(FD)		0.061				0.011	1,500
	07/10/2019		0.13				0.019	1,500
	08/08/2019		0.16				0.017	1,500
	(FD)		0.18				0.023	1,500
	09/05/2019		0.12				0.019	1,400
	(FD)		0.12				0.020	1,400
	10/10/2019		0.12				0.013	1,300
	(FD)		0.12				0.010	1,300
	11/15/2019		0.071				0.019	1,400
	(FD)		0.073				0.021	1,400
	12/05/2019		0.071 J+				0.013	1,200
	(FD)		0.073 J+				0.013	1,200
	01/14/2020		0.099				0.026	1,400
	(FD)		0.098				0.027	1,400
	02/06/2020		0.19				0.034	1,500
(FD)		0.19				0.033	1,500	
03/06/2020		0.094				0.048	1,600	
(FD)		0.090				0.050	1,600	
04/14/2020		0.086				0.044	1,600	

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
LVW 6.05	(FD)		0.082				0.044	1,600
	05/01/2020		0.076				0.037	1,400
	(FD)		0.073				0.034	1,400
	06/09/2020		0.090				0.043	1,400
	(FD)		0.090				0.043	1,400
LVW 6.6-1	04/04/2019		0.11				0.022	1,800
	05/01/2019		0.14				0.0096	1,500
	06/06/2019		0.061				0.0087	1,600
	07/09/2019		0.10				0.021	1,700
	08/08/2019		0.17				0.026	1,600
	09/05/2019		0.13				0.035	1,600
	10/11/2019		0.18				0.020	1,600
	11/15/2019		0.077				0.010	1,500
	12/05/2019		0.089 J+				0.049	1,400
	01/14/2020		0.11				0.028	1,700
	02/06/2020		0.20				0.036	1,700
	03/06/2020		0.098				0.038	1,600
	04/14/2020		0.086				0.019	1,500
	05/01/2020		0.11				0.040	1,600
06/09/2020		0.086				0.024	1,400	
LVW 6.6-2	04/04/2019		0.091				0.0015 J	1,100
	05/01/2019		0.13 J-				0.0011 J	1,200
	06/06/2019		0.046				<0.00095	1,200
	07/09/2019		0.086				0.0015 J	1,300
	08/08/2019		0.14				0.0048	1,300
	09/05/2019		0.13				0.0082	1,300
	10/11/2019		0.18				<0.00095	1,200
	11/15/2019		0.059				<0.00095	1,100
	12/05/2019		0.060 J+				0.0028 J	1,000
	01/14/2020		0.076				0.0023 J	1,300
	02/06/2020		0.19				0.0025 J	1,300
	03/06/2020		0.072				0.0042	1,400
	04/14/2020		0.072				0.0020 J	1,400
	05/01/2020		0.065				0.0018 J	1,300
06/09/2020		0.074				0.0024 J	1,200	
LVW 6.6-3	04/04/2019		0.091				0.0016 J	1,100
	05/01/2019		0.11 J-				0.0012 J	1,200
	06/06/2019		0.049				<0.00095	1,200

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
LVW 6.6-3	07/09/2019		0.068				0.0017 J	1,300
	08/08/2019		0.14				0.0022 J	1,100
	09/05/2019		0.12				<0.00095	1,200
	10/11/2019		0.17				<0.00095	1,200
	11/15/2019		0.061 J+				0.0012 J	1,100
	12/05/2019		0.065				0.0022 J	940
	01/14/2020		0.069				<0.00095	1,200
	02/06/2020		0.17				0.0015 J	1,200
	03/06/2020		0.069				0.0015 J	1,200
	04/14/2020		0.080				0.021	1,500
	05/01/2020		0.061				<0.00095	1,300
	06/09/2020		0.070				0.0036 J	1,200
LVW 7.2	04/04/2019		0.096				0.0013 J	1,300
	(FD)		0.096				0.0013 J	1,300
	05/01/2019		0.12 J-				<0.00095	1,400
	(FD)		0.12 J-				<0.00095	1,400
	06/06/2019		0.065				0.0015 J	2,100
	07/09/2019		0.086				0.0012 J	1,300
	(FD)		0.085				0.0014 J	1,300
	08/08/2019		0.12				0.0022 J	1,300
	09/05/2019		0.13				0.0024 J	1,900
	(FD)		0.13				0.0021 J	1,900
	10/11/2019		0.19				<0.00095	1,400
	(FD)		0.18				<0.00095	1,400
	11/15/2019		0.088 J+				<0.00095	1,100
	(FD)		0.085 J+				<0.00095	1,100
	12/06/2019		0.082				<0.00095	1,800
	(FD)		0.079				<0.00095	1,800
	01/14/2020		0.084				<0.00095	1,500
	(FD)		0.085				<0.00095	1,500
	02/06/2020		0.18				0.0012 J	1,500
	(FD)		0.18				0.0012 J	1,500
	03/06/2020		0.091				0.0021 J	1,400
	(FD)		0.093				0.0020 J	1,400
	04/16/2020		0.10				0.0011 J	1,300
	(FD)		0.10				0.0010 J	1,300
05/01/2020		0.067				0.0016 J	1,500	
(FD)		0.068				0.0016 J	1,500	

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
LVW 7.2	06/09/2020		0.078				0.0023 J	1,200
	(FD)		0.077				0.0026 J	1,200
LVW 8.85	04/04/2019		0.099				<0.00095	1,100
	05/01/2019		0.13 J-				<0.00095	1,100
	06/06/2019		0.045				<0.00095	1,100
	07/10/2019		0.15				0.0020 J	1,300
	(FD)		0.15				0.0016 J	1,300
	08/09/2019		0.11				0.0012 J	1,200
	(FD)		0.10				0.0015 J	1,200
	09/04/2019		0.12				<0.00095	1,200
	10/11/2019		0.094				<0.00095	1,100
	11/15/2019		0.067 J+				<0.00095	1,100
	12/06/2019		0.083				<0.00095	1,200
	01/14/2020		0.063				<0.00095	1,100
	02/06/2020		0.12				<0.00095	1,100
	03/06/2020		0.090				0.0011 J	1,200
	04/16/2020		0.14				0.0013 J	1,300
05/01/2020		0.067				<0.00095	1,200	
06/09/2020		0.12				0.0016 J	1,200	
LVWPS-MW102A	05/21/2020		11	0.059			3.0	11,000
	05/29/2020	1537.05						
LVWPS-MW102B	05/21/2020		<0.20	0.025 J			<0.0050	70,000
	05/29/2020	1541.93						
LVWPS-MW105	05/21/2020		45	0.038			5.2	6,000
	05/29/2020	1526.91						
LVWPS-MW201A	05/19/2020		8.2	0.0091			1.8 J+	2,800
	05/27/2020	1503.87						
LVWPS-MW201B	05/19/2020		0.68	0.0092			0.65 J+	13,000
	05/27/2020	1503.31						
LVWPS-MW224A	05/21/2020		2.9	0.016			1.8	3,900
	05/27/2020	1493.35						
LVWPS-MW224B	05/21/2020		0.25	0.0070			0.19 J+	6,200
	05/27/2020	1493.39						
M-2A	05/06/2019	1740.22						
	05/14/2019		1,800	6.6		9.5	180	6,200
	05/13/2020		2,300	9.5		10	240	6,900
	05/29/2020	1742.28						
M-5A	05/06/2019	1714.53						

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Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-5A	05/13/2019		<0.10	<0.025		<2.8	16	13,000
	08/05/2019	1714.90						
	08/07/2019			<0.025			120	13,000
	05/14/2020		<0.040	<0.0050		<2.8	18	13,000
	05/28/2020	1714.16						
M-6A	05/06/2019	1694.80						
	05/14/2019		9.7	<0.0025		<2.8	5.9	10,000
	08/05/2019	1695.07						
	08/07/2019			<0.0025			7.1	9,100
	05/11/2020		1.4	<0.013		<2.8	7.4	9,100
	05/28/2020	1695.24						
M-7B	05/06/2019	1697.06						
	05/13/2019		4.6	<0.0025		<2.8	12	7,700
	08/05/2019	1697.37						
	08/06/2019			<0.0025			11	8,000
	05/11/2020		4.5	<0.0025		<2.8	11	8,100
	05/28/2020	1697.50						
M-10	05/06/2019	1782.33						
	05/16/2019		0.48	0.0053	<0.00025	<0.11	2.1	2,300
	08/05/2019	1782.23						
	08/06/2019			<0.0025	<0.00025	<0.11	0.056	2,300
	11/04/2019	1781.00						
	11/05/2019		0.18	<0.0025	<0.00050	<0.28	0.047 J+	2,300
	02/03/2020	1781.32						
	02/04/2020			<0.0025	<0.00025	<0.11	0.020	2,200
	05/18/2020		0.18	<0.0025	<0.00025	<0.11	0.032	2,200
05/29/2020	1781.49							
M-11	05/06/2019	1770.29						
	05/15/2019		160	1.2	0.47	2.6 J+	14	3,000
	08/05/2019	1770.29						
	08/06/2019			2.3	0.67		15	3,300
	11/04/2019	1770.47						
	11/08/2019		180 J+	1.5	0.51	2.1	17	3,300
	(FD)		180 J+	1.6	0.58	2.0	16	3,300
	02/03/2020	1771.12						
	02/04/2020			1.6	0.61		17	3,000
	(FD)			1.5	0.62		16	3,100
	05/15/2020		180	0.98	0.25	2.4	16	2,800

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-11	05/29/2020	1771.50						
M-12A	05/06/2019	1769.97						
	05/13/2019		1,400	7.1	8.2	7.0	160	5,700
	08/05/2019	1770.03						
	08/06/2019			6.7	6.9		190	5,900
	11/04/2019	1769.90						
	11/08/2019		1,000 J+	7.2	6.9	6.7	210	5,800
	02/03/2020	1770.41						
	02/04/2020			7.1	6.9		170	5,600
	05/18/2020		1,400	6.9	6.8	39	190	5,400
05/27/2020	1770.55							
M-13	05/06/2019	1772.55						
	05/15/2019		43	0.059		2.0	9.2	3,200
	05/13/2020		15	0.019		<0.55	3.8	3,300
	05/29/2020	1769.43						
M-14A	05/06/2019	1731.18						
	05/16/2019		17	0.045		8.8	14	3,300
	08/05/2019	1731.55						
	11/04/2019	1731.32						
	11/07/2019		17	0.047		9.8 J+	15	3,500
	02/03/2020	1729.02						
	05/14/2020		15	0.040		7.3	12	3,300
05/29/2020	1728.66							
M-19	05/06/2019	1731.80						
	05/14/2019		110	0.37		9.9 J+	23	4,300
	08/05/2019	1731.84						
	11/04/2019	1732.02						
	11/08/2019		120	0.44		11 J	26	4,800
	02/03/2020	1732.59						
	05/13/2020		100	0.40		8.9	27	4,300
05/28/2020	1733.11							
M-21	05/06/2019	Dry						
	05/29/2020	1751.78						
M-22A	05/06/2019	1728.97						
	05/15/2019		3,300	17		53	770	9,700
	08/05/2019	1729.14						
	11/04/2019	1729.36						
	11/08/2019		3,100	15		51	720	9,800

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-22A	02/03/2020	1730.04						
	05/15/2020		3,200	14		53	720	9,300
	05/29/2020	1730.63						
M-23	05/06/2019	1685.50						
	05/14/2019		34	0.23		23	120	3,800
	11/04/2019	1686.43						
	11/07/2019		130	0.21		27 J+	130	4,000
	05/11/2020		77	0.20		22	89	3,600
	05/27/2020	1687.01						
M-25	05/06/2019	1726.86						
	05/15/2019		1,300	4.7		20	220	6,000
	08/05/2019	1727.29						
	11/04/2019	1727.34						
	11/05/2019		1,100	4.0		25	210 J+	5,800
	02/03/2020	1728.16						
	05/11/2020		1,000	4.1		25	200	5,500
	05/29/2020	1728.69						
M-31A	05/06/2019	1753.02						
	05/14/2019		1.9	0.013		0.62	1.1	660
	11/04/2019	1755.56						
	11/06/2019		0.087 J+	0.0066		0.57	0.031	690
	05/14/2020		0.019 J	0.0027 J		0.51	0.0048	650
	05/29/2020	1756.42						
M-32	05/06/2019	1751.75						
	05/14/2019		0.086	0.049		0.40	0.032	690
	05/14/2020		0.016 J	0.020		0.51	0.0018	770
	05/29/2020	1756.81						
M-33	05/06/2019	1751.33						
	05/14/2019		190	0.027		3.8 J+	80	4,000
	05/14/2020		0.59	0.051		1.2 J+	0.69	1,200
	05/29/2020	1756.11						
M-35	05/06/2019	1740.55						
	05/13/2019		330	1.8		2.4	70	2,600
	11/04/2019	1741.40						
	11/06/2019		300	1.2		2.5	59	2,500
	05/13/2020		79	0.53		1.4	16	2,100
	05/28/2020	1743.14						
M-37	05/06/2019	1727.90						

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-37	05/14/2019		40	0.11	0.096	240	340	4,600
	08/05/2019	1729.41						
	08/06/2019			0.0080	0.0077		370	5,600
	(FD)			0.0075	0.0075		380	5,600
	11/04/2019	1728.83						
	11/07/2019		30	0.091	0.075	230	350	4,600
	02/03/2020	1729.39						
	02/04/2020			0.29	0.27		240	4,500
	05/14/2020		220	0.76	0.79 J+	86	240	4,200
05/29/2020	1729.55							
M-38	05/06/2019	1728.63						
	05/15/2019		2,900	14	13	25 J+	420	8,600
	08/05/2019	1728.76						
	08/07/2019			12	12		450	8,400
	11/04/2019	1728.76						
	11/07/2019		3,600	12	11	26	420	8,300
	02/03/2020	1729.28						
	02/04/2020			11	10		370	7,700
	05/14/2020		2,800	11	12 J+	27	410	7,800
05/29/2020	1729.55							
M-44	05/06/2019	1672.99						
	05/08/2019		570	0.72	0.74	63	590 J+	8,100
	08/05/2019	1672.33						
	08/07/2019			0.75	0.69		630	8,600
	11/04/2019	1672.40						
	11/07/2019		590	0.78	0.71	63	660	8,600
	02/03/2020	1672.42						
	02/04/2020			0.71	0.65		530	7,900
	05/12/2020		550	0.71	0.71	57	510	7,900
05/27/2020	1672.80							
M-48A	05/06/2019	1688.65						
	05/10/2019		490	1.8		17 J+	140	4,000
	11/04/2019	1688.05						
	11/07/2019		460	1.6		16	140	4,900
	05/08/2020		580	2.0		17	130	4,600
	05/28/2020	1688.42						
M-52	05/06/2019	1760.86						
	05/15/2019		500	1.2		4.1 J+	320	4,100

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-52	11/04/2019	1761.63						
	11/08/2019		500	1.1		6.1	320	4,300
	05/18/2020		500 J-	1.1		3.9	350	4,200
	05/29/2020	1762.94						
M-55	05/06/2019	1721.82						
	08/05/2019	1722.56						
	11/04/2019	1723.42						
	02/03/2020	1724.56						
	05/27/2020	1725.39						
M-56	05/06/2019	1719.68						
	08/05/2019	1720.57						
	11/04/2019	1721.77						
	02/03/2020	1722.95						
	05/27/2020	1723.90						
M-57A	05/06/2019	1725.60						
	05/14/2019		16	0.053		6.4	9.8	3,100
	11/04/2019	1724.93						
	11/06/2019		14	0.056		6.1	9.0	3,100
	05/13/2020		14	0.049		7.3	10	3,000
	05/28/2020	1724.12						
M-58	05/06/2019	1721.10						
	08/05/2019	1721.63						
	11/04/2019	1722.39						
	02/03/2020	1723.05						
	05/27/2020	1724.10						
M-60	05/06/2019	1718.88						
	08/05/2019	1719.24						
	11/04/2019	1719.85						
	02/03/2020	1722.50						
	05/27/2020	1723.84						
M-64	04/05/2019	1723.12						
	05/06/2019	1723.38						
	05/14/2019		1,100	3.9		43 J+	370	6,100
	06/04/2019	1723.44						
	07/08/2019	1723.77						
	08/05/2019	1723.91						
	09/04/2019	1724.11						
	10/03/2019	1724.09						

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-64	11/04/2019	1724.05						
	11/07/2019		1,200	3.7		49 J+	460	6,100
	12/09/2019	1724.58						
	01/02/2020	1725.11						
	02/03/2020	1725.18						
	03/03/2020	1725.46						
	04/01/2020	1725.79						
	05/14/2020		870	3.5		46	510	5,500
	05/27/2020	1725.93						
06/08/2020	1725.91							
M-65	04/05/2019	1721.12						
	05/06/2019	1721.25						
	05/14/2019		3,200	16		61	540	9,600
	06/04/2019	1721.40						
	07/08/2019	1721.93						
	08/05/2019	1722.33						
	09/04/2019	1722.81						
	10/03/2019	1722.75						
	11/04/2019	1722.51						
	11/07/2019		3,000	13		58 J+	630	9,300
	12/09/2019	1723.55						
	01/02/2020	1724.11						
	02/03/2020	1724.45						
	03/03/2020	1724.67						
	04/01/2020	1725.03						
05/15/2020		3,000	13		43	490	9,100	
05/27/2020	1725.30							
06/08/2020	1725.28							
M-66	04/05/2019	1722.57						
	05/06/2019	1722.64						
	05/14/2019		3,100	17		110	850	11,000
	06/04/2019	1722.63						
	07/08/2019	1722.96						
	08/05/2019	1722.98						
	09/04/2019	1723.08						
	10/03/2019	1723.19						
	11/04/2019	1723.46						
11/07/2019		3,300 J+	13		91 J+	890	11,000	

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April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-66	12/09/2019	1723.52						
	01/02/2020	1723.82						
	02/03/2020	1724.23						
	03/03/2020	1724.53						
	04/01/2020	1724.80						
	05/15/2020		2,800	14		89	700	9,700
	(FD)		3,100	14		86	670	9,700
	05/27/2020	1725.18						
06/08/2020	1725.25							
M-67	04/05/2019	1723.67						
	05/06/2019	1723.62						
	05/09/2019		1,100	5.8		6.0 J+	190	5,000
	06/04/2019	1723.75						
	07/08/2019	1723.84						
	08/05/2019	1723.86						
	09/04/2019	1723.78						
	10/03/2019	1723.93						
	11/04/2019	1724.15						
	11/08/2019		1,800	5.1		5.6 J	180	4,800
	12/09/2019	1724.15						
	01/02/2020	1724.32						
	02/03/2020	1724.50						
	03/03/2020	1724.68						
	04/01/2020	1724.84						
	05/12/2020		1,100	5.1 J+		5.9	170	4,900
(FD)		1,000	5.3 J+		5.9	160	5,000	
05/28/2020	1725.07							
06/08/2020	1725.11							
M-68	04/05/2019	1723.72						
	05/06/2019	1723.57						
	05/10/2019		700	2.2		11 J+	200	6,300
	06/04/2019	1723.80						
	07/08/2019	1723.86						
	08/05/2019	1723.86						
	09/04/2019	1723.85						
	10/03/2019	1723.87						
	11/04/2019	1723.95						
11/08/2019		640	2.0		13 J	200	7,100	

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April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-68	12/09/2019	1724.06						
	01/02/2020	1724.20						
	02/03/2020	1724.32						
	03/03/2020	1724.44						
	04/01/2020	1724.55						
	05/12/2020		610	1.9 J+		0.47	200	6,100
	05/28/2020	1724.69						
	06/08/2020	1724.75						
M-69	04/05/2019	1717.70						
	05/06/2019	1717.99						
	05/15/2019		15	0.041		40 J+	140	3,700
	06/04/2019	1718.21						
	07/08/2019	1718.23						
	08/05/2019	1718.27						
	09/04/2019	1718.07						
	10/03/2019	1717.85						
	11/04/2019	1717.69						
	11/08/2019		15 J+	0.046		29	120	3,600
	12/09/2019	1717.52						
	01/02/2020	1717.54						
	02/03/2020	1717.51						
	03/03/2020	1717.46						
	04/01/2020	1717.58						
	05/13/2020		15	0.045		21	95	3,500
05/28/2020	1717.39							
06/08/2020	1717.31							
M-70	04/05/2019	1717.01						
	05/06/2019	1716.81						
	05/14/2019		1,200	4.0		95	600	7,100
	06/04/2019	1716.64						
	07/08/2019	1716.19						
	08/05/2019	1716.05						
	09/04/2019	1715.79						
	10/03/2019	1716.08						
	11/04/2019	1716.08						
	11/08/2019		1,200	4.3		78 J	640	7,300
	12/09/2019	1716.13						
01/02/2020	1716.21							

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April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-70	02/03/2020	1716.23						
	03/03/2020	1716.37						
	04/01/2020	1716.43						
	05/15/2020		1,200	4.5		75	680	6,900
	05/27/2020	1716.03						
	06/08/2020	1716.00						
M-71	04/05/2019	1711.80						
	05/06/2019	1711.90						
	05/13/2019		2,000	7.0		78	1,300	9,100
	06/04/2019	1711.90						
	07/08/2019	1711.93						
	08/05/2019	1711.96						
	09/04/2019	1712.03						
	10/03/2019	1712.05						
	11/04/2019	1712.06						
	11/08/2019		2,300	6.3		66 J	1,100	9,100
	12/09/2019	1712.14						
	01/02/2020	1712.18						
	02/03/2020	1712.18						
	03/03/2020	1712.24						
	04/01/2020	1712.30						
	05/15/2020		1,900	6.9		61	830	8,900
05/27/2020	1712.29							
06/08/2020	1712.29							
M-72	04/05/2019	1714.50						
	05/06/2019	1714.56						
	05/13/2019		3,100	12		62	1,000	10,000
	06/04/2019	1714.46						
	07/08/2019	1714.61						
	08/05/2019	1714.60						
	09/04/2019	1714.60						
	10/03/2019	1714.62						
	11/04/2019	1714.75						
	11/07/2019		3,200	9.9		55	1,200	12,000
	(FD)		3,200	9.4		55	1,200	12,000
	12/09/2019	1714.84						
	01/02/2020	1714.96						
	02/03/2020	1715.07						

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April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-72	03/03/2020	1715.20						
	04/01/2020	1715.27						
	05/14/2020		3,200	10		55	900	10,000
	05/27/2020	1715.18						
	06/08/2020	1715.13						
M-73	04/05/2019	1710.63						
	05/06/2019	1710.54						
	05/10/2019		2,200	22		17 J+	440	12,000
	06/04/2019	1710.55						
	07/08/2019	1710.60						
	08/05/2019	1710.64						
	09/04/2019	1710.63						
	10/03/2019	1712.59						
	11/04/2019	1712.66						
	11/06/2019		2,200	8.3		23	430	9,900
	12/09/2019	1712.67						
	01/02/2020	1712.70						
	02/03/2020	1712.77						
	03/03/2020	1712.86						
	04/01/2020	1712.98						
	05/11/2020		2,300	9.8		13 J-	480	9,200
05/22/2020					16			
05/28/2020	1712.93							
06/08/2020	1712.89							
M-74	04/05/2019	1716.85						
	05/06/2019	1716.83						
	05/10/2019		520	1.7		13 J+	170	6,300
	06/04/2019	1716.86						
	07/08/2019	1716.97						
	08/05/2019	1716.95						
	09/04/2019	1716.94						
	10/03/2019	1717.01						
	11/04/2019	1717.01						
	11/06/2019		610	1.7		12	170	6,300
	12/09/2019	1717.00						
	01/02/2020	1717.13						
	02/03/2020	1717.33						
03/03/2020	1717.39							

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April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-74	04/01/2020	1717.46						
	05/12/2020		400	1.6		12	150	5,900
	05/28/2020	1717.54						
	06/08/2020	1717.59						
M-75	05/06/2019	1742.69						
	05/16/2019		510	1.6		8.2	48	3,900
	05/13/2020		170	1.5		7.2	61	3,900
	05/29/2020	1742.54						
M-76	05/06/2019	1747.48						
	05/15/2019		220	0.80		8.8	85	4,000
	05/13/2020		250	0.98		10	86	4,000
	05/29/2020	1746.32						
M-77	05/06/2019	1764.72						
M-77R	05/14/2020		120	0.24		16	200	3,300
	05/29/2020	1763.48						
M-78	05/06/2019	1719.20						
	08/05/2019	1721.02						
	11/04/2019	1722.10						
	02/03/2020	1723.44						
	05/27/2020	1722.62						
M-79	05/06/2019	1716.34						
	05/10/2019		47	0.17		57 J+	380	3,800
	08/05/2019	1716.12						
	11/04/2019	1715.81						
	11/07/2019		54	0.18		69	420	4,700
	02/03/2020	1715.74						
	05/13/2020		54	0.18		84	340	3,700
	05/28/2020	1715.61						
M-80	05/06/2019	1709.26						
	05/13/2019		1,400	4.0		61	630	6,300
	(FD)		1,600	4.3		59	640	6,300
	05/16/2019				4.4			
	(FD)				4.1			
	08/05/2019	1710.95						
	08/06/2019			4.4	4.1		650	6,500
	11/04/2019	1711.04						
	11/07/2019		1,500	4.2	4.2	72	670	6,500
	02/03/2020	1711.15						

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-80	02/04/2020			4.3	3.7		600	6,200
	05/13/2020		1,400	4.0	4.0	79	590	6,200
	(FD)		1,500	4.0	3.6	79	570	6,300
	05/28/2020	1711.05						
M-81A	05/06/2019	1709.60						
	05/10/2019		850	2.7		8.5	360	3,200
	08/05/2019	1710.21						
	11/04/2019	1708.57						
	11/07/2019		640	1.6		43	520	4,400
	02/03/2020	1708.76						
	05/12/2020		600	1.6		41	430	3,900
05/28/2020	1708.79							
M-83	05/06/2019	1713.61						
	05/10/2019		190	0.76		56	420	3,800
	08/05/2019	1712.95						
	11/04/2019	1713.18						
	11/07/2019		280	1.2		38	400	3,800
	02/03/2020	1713.41						
	05/13/2020		94	0.35		12	110	1,500
	05/28/2020	1713.19						
M-92	05/06/2019	1768.52						
	05/13/2019		24	0.025		6.3	1.5	2,300
	05/18/2020		13 J-	0.013		3.5	1.0	2,300
	05/27/2020	1765.61						
M-93	05/06/2019	1765.19						
	05/10/2019		31	0.045		7.3 J+	4.3	2,500
	05/14/2020		26	0.046		7.9	6.3	2,800
	05/27/2020	1762.10						
M-95	05/06/2019	1674.32						
	08/05/2019	1674.56						
	11/04/2019	Dry						
	02/03/2020	1674.88						
	05/27/2020	1675.68						
M-96	05/06/2019	Dry						
	08/05/2019	Dry						
	11/04/2019	Dry						
	02/03/2020	Dry						
	05/27/2020	Dry						

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-97	05/06/2019	1762.85						
	05/15/2019		110	0.079		8.3	87	4,300
	05/14/2020		60	0.073		6.5	32	3,200
	05/27/2020	1761.66						
M-98	05/06/2019	Dry						
	08/05/2019	Dry						
	11/04/2019	Dry						
	02/03/2020	Dry						
	05/28/2020	Dry						
M-99	05/06/2019	Dry						
	08/05/2019	Dry						
	11/04/2019	Dry						
	02/03/2020	Dry						
	05/28/2020	Dry						
M-100	05/06/2019	Dry						
	08/05/2019	Dry						
	11/04/2019	Dry						
	02/03/2020	Dry						
	05/28/2020	Dry						
M-101	05/06/2019	Dry						
	08/05/2019	Dry						
	11/04/2019	Dry						
	02/03/2020	Dry						
	05/28/2020	Dry						
M-103	05/06/2019	1790.19						
	05/16/2019		0.43	0.0097		3.5	0.22	2,000
	05/15/2020		0.52	0.010		4.1	0.25	2,000
	05/28/2020	1790.25						
M-115	05/06/2019	1748.41						
	05/13/2019		24	0.029		8.3	8.8	2,600
	05/13/2020		25	0.030		8.4	8.8	2,700
	05/29/2020	1745.96						
M-117	05/06/2019	1811.19						
	05/15/2019		<0.0020	0.019		1.6	0.0016	710
	05/15/2020		<0.0020	0.019		1.6	<0.00050	730
	05/28/2020	1812.23						
M-118	05/06/2019	1813.37						
	05/16/2019		<0.0020	0.022		1.4	<0.00050	770

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-118	05/14/2020		<0.0020	0.027		1.5	<0.00050	770
	05/28/2020	1814.20						
M-120	05/06/2019	1794.41						
	05/15/2019		0.16	0.0093		1.8	0.10	2,100
	05/18/2020		0.14	0.0059		2.0	0.16	2,200
	05/28/2020	1794.31						
M-121	05/06/2019	1796.70						
	05/16/2019		6.5	0.037		18	1.2	5,000
	05/14/2020		12	0.058		17	1.6	4,100
	05/28/2020	1796.60						
M-123	05/06/2019	1747.27						
	05/16/2019		<0.020	0.0036 J		16	2.6	9,600
	05/13/2020		<0.020	0.0061		11	0.44	9,100
	05/29/2020	1741.77						
M-124	05/06/2019	1753.55						
	05/16/2019		18	0.028		5.1	0.99	3,300
	05/13/2020		16	0.032		4.9	0.81	2,900
	05/29/2020	1751.72						
M-125	05/06/2019	1736.70						
	05/13/2019		<0.040	<0.0025		8.0	0.71	14,000
	05/13/2020		<0.040	<0.0050		5.5 J-	0.82	14,000
	(FD)		<0.040	<0.0050		6.2 J-	0.84	14,000
	05/28/2020	1734.24						
M-126	05/06/2019	1726.20						
	05/14/2019		<0.020	<0.0025		3.2 J	0.63	17,000
	05/13/2020		<0.040	<0.0050		<2.8	0.48	15,000
	05/29/2020	1724.89						
M-129	05/06/2019	1718.30						
	05/15/2019		330	1.1		12	120	5,800
	08/05/2019	1718.35						
	11/04/2019	1718.40						
	02/03/2020	1718.69						
	05/18/2020		320 J+	1.1		12	100	5,400
	05/27/2020	1718.91						
M-132	05/06/2019	1718.46						
	05/10/2019		91	0.30		4.7 J+	18	1,500
	05/12/2020		150	0.42		3.9	29	1,800
	05/28/2020	1719.15						

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-133	05/06/2019	1717.11						
	05/14/2019		270	0.82		10 J+	41	5,800
	05/12/2020		390	1.3		9.5	69	5,000
	05/28/2020	1717.75						
M-134	05/06/2019	1719.08						
	05/15/2019		30	0.13		4.4	64	2,500
	(FD)		30	0.14		4.3 J+	53	2,400
	05/12/2020		29	0.13		4.1	130	2,500
	05/28/2020	1718.31						
M-135	05/06/2019	1718.78						
	05/10/2019		18	0.057		9.5	22	3,200
	11/04/2019	1718.49						
	11/08/2019		18 J+	0.057		8.6	26	3,200
	05/13/2020		17	0.054		7.8	24 J-	3,200
	05/29/2020	1718.01						
M-136	05/06/2019	1723.63						
	05/09/2019		13	0.066		2.0	44	1,100
	05/13/2020		13	0.078		2.0	45 J-	1,100
	05/28/2020	1722.88						
M-137	05/06/2019	1788.13						
	05/16/2019		4.7	0.032		11	0.98	2,800
	05/18/2020		4.5 J-	0.026		12	0.91	2,900
	05/28/2020	1788.32						
M-138	05/06/2019	1787.68						
	05/16/2019		10	0.068		5.3	1.2	2,100
	05/15/2020		9.0	0.057		7.2	1.3	2,300
	05/28/2020	1787.78						
M-139	05/06/2019	1775.29						
	05/15/2019		30	0.12		3.3	2.1	2,700
	05/14/2020		26	0.14		3.9	2.2	2,800
	05/29/2020	1776.30						
M-140	05/06/2019	1717.36						
	05/15/2019		270	1.0		130	790	6,300
	05/15/2020		240	0.65		180	740	6,200
	05/27/2020	1716.52						
M-141	05/06/2019	1755.46						
	05/14/2019		630	2.8		12	240	4,900
	05/14/2020		460	2.4		11	160	5,800

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-141	05/29/2020	1758.77						
M-142	05/06/2019	1747.11						
	05/13/2019		25	0.030		8.1	3.8	2,900
	05/14/2020		25	0.028		7.6 J+	2.8	2,800
	05/29/2020	1743.39						
M-144	05/06/2019	1775.05						
	05/15/2019		790	0.064		4.6	6.3	4,800
	05/15/2020		750	0.061		4.4	5.2	4,900
	05/29/2020	1774.93						
M-145	05/06/2019	1772.37						
	05/15/2019		0.33 J	0.0039 J		0.29 J	0.10	3,800
	05/14/2020		0.61	0.0047 J		1.5	0.17	3,600
	05/29/2020	1773.44						
M-147	05/06/2019	1742.04						
	05/13/2019		58	0.22		8.7	8.7	4,200
	05/14/2020		100	0.34		11	25	4,900
	05/28/2020	1744.86						
M-148A	05/06/2019	1753.35						
	05/14/2019		36	<0.0025		12	5.3	5,500
	05/14/2020		58	0.12		10	9.6	5,900
	05/29/2020	1755.71						
M-149	05/06/2019	1752.79						
	05/14/2019		540	1.4		2.9 J+	260	1,900
	05/14/2020		200	4.8		6.2	640	5,600
	05/29/2020	1755.79						
M-150	05/06/2019	1735.96						
	05/15/2019		0.056	0.041		2.4	0.024	500
	05/15/2020		0.049	0.041		2.1	0.015	530
	05/29/2020	1737.32						
M-151	05/06/2019	1712.57						
	05/10/2019		<0.0020	0.028		2.4	<0.00050	520
	05/11/2020		<0.0020	0.032		2.6	0.0057	510
	05/28/2020	1713.69						
M-152	05/06/2019	1670.42						
	05/08/2019		0.077 J	0.033		2.7	0.11 J+	610
	05/12/2020		0.077 J	0.032		2.4	0.061	610
	(FD)		0.080 J	0.031		2.4	0.054	610
	05/27/2020	1671.30						

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-153	05/06/2019	1767.61						
	05/14/2019		0.0087 J	0.028		1.5	0.0078	530
	05/14/2020		<0.0020	0.027		1.4 J+	0.0040	530
	05/29/2020	1768.98						
M-154	05/06/2019	1747.92						
	05/14/2019		0.0046 J	0.031		1.4	0.0020	550
	05/14/2020		<0.0020	0.035		1.4	0.0016	520
	05/29/2020	1748.90						
M-155	05/10/2019	1729.97	0.0060 J	0.11		1.5	<0.00050	520
	05/11/2020		0.0072 J	0.011		0.86	<0.00050	550
	05/28/2020	1732.74						
M-156	05/06/2019	1676.96						
	05/08/2019		<0.0020	0.0047 J		0.75	<0.00050	550
	05/12/2020		<0.0020	0.0058		0.98	0.00067 J	560
	05/27/2020	1677.77						
M-159	05/12/2020		7.0	0.068		1.7	4.9	2,500
	05/28/2020	1723.01						
M-160	05/13/2020		1.9	0.028		5.0 J-	12	4,400
	05/28/2020	1722.96						
M-161	05/06/2019	1729.50						
	05/14/2019		0.012 J	0.024		1.4 J+	0.0097	570
	05/12/2020		<0.0020	0.021		1.5	0.0040	540
	05/28/2020	1729.20						
M-161D	05/06/2019	1734.74						
	05/09/2019		0.0041 J	0.012		0.74	<0.050	550
	11/04/2019	1735.16						
	11/08/2019		0.029	0.015		0.95	0.0054	520
	05/12/2020		0.020	0.013 J+		0.65	0.0063	570
	05/28/2020	1735.02						
M-162	05/06/2019	1724.76						
	05/14/2019		100	0.031		5.4	67	950
	05/15/2020		100	0.034		5.6	59	910
	(FD)		100	0.033		5.6	58	900
	05/27/2020	1726.31						
M-162D	05/06/2019	1737.04						
	05/09/2019		0.10	0.020		1.9	<0.050	540
	11/06/2019	1737.41	0.11	0.023		1.8	0.039	530
	05/12/2020		0.096	0.023		1.8	0.018	510

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-162D	05/27/2020	1738.19						
M-163	05/06/2019	1720.13						
	05/10/2019		3.0	0.030		1.9	2.1	570
	05/11/2020		2.7	0.028		1.9	1.9	540
	05/27/2020	1721.88						
M-164	05/06/2019	1713.07						
	05/10/2019		1,300	4.7		29 J+	700	5,500
	05/15/2020		1,100	4.4		23	620	4,500
	05/27/2020	1714.26						
M-165	05/06/2019	1721.53						
	05/09/2019		0.014 J	0.034		3.1	0.015	500
	05/12/2020		0.013 J	0.031 J+		3.1	0.013	510
	05/28/2020	1722.26						
M-166	05/06/2019	1721.72						
	08/05/2019	1722.28						
	11/04/2019	1721.67						
	02/03/2020	1721.71						
	05/27/2020	1721.84						
M-167	04/05/2019	1721.26						
	05/06/2019	1721.52						
	06/04/2019	1721.77						
	07/08/2019	1721.93						
	08/05/2019	1722.04						
	09/04/2019	1721.55						
	10/03/2019	1721.49						
	11/04/2019	1721.92						
	12/09/2019	1721.82						
	01/02/2020	1722.22						
	02/03/2020	1722.39						
	03/03/2020	1722.43						
	04/01/2020	1722.78						
	05/27/2020	1722.91						
06/08/2020	1722.89							
M-168	05/06/2019	1721.97						
	08/05/2019	1722.22						
	11/04/2019	1722.26						
	02/03/2020	1722.70						
	05/27/2020	1723.47						

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-169	05/06/2019	1721.70						
	08/05/2019	1722.05						
	11/04/2019	1722.51						
	02/03/2020	1723.35						
	05/27/2020	1724.12						
M-170	04/05/2019	1721.57						
	05/06/2019	1721.97						
	06/04/2019	1721.96						
	07/08/2019	1722.44						
	08/05/2019	1722.50						
	09/04/2019	1722.78						
	10/03/2019	1722.88						
	11/04/2019	1723.23						
	12/09/2019	1723.45						
	01/02/2020	1724.09						
	02/03/2020	1724.27						
	03/03/2020	1724.59						
	04/01/2020	1724.90						
	05/27/2020	1725.03						
06/08/2020	1725.01							
M-172	04/05/2019	1717.27						
	05/06/2019	1717.59						
	06/04/2019	1717.90						
	07/08/2019	1719.21						
	08/05/2019	1719.93						
	09/04/2019	1720.62						
	10/03/2019	1720.61						
	11/04/2019	1721.22						
	12/09/2019	1721.69						
	01/02/2020	1722.31						
	02/03/2020	1722.67						
	03/03/2020	1722.99						
	04/01/2020	1723.34						
	05/27/2020	1723.67						
06/08/2020	1723.63							
M-173	04/05/2019	1720.59						
	05/06/2019	1720.69						
	06/04/2019	1720.57						

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-173	07/08/2019	1721.09						
	08/05/2019	1721.13						
	09/04/2019	1721.27						
	10/03/2019	1721.72						
	11/04/2019	1722.06						
	12/09/2019	1722.03						
	01/02/2020	1722.42						
	02/03/2020	1722.93						
	03/03/2020	1723.34						
	04/01/2020	1723.67						
	05/27/2020	1724.07						
06/08/2020	1724.20							
M-174	05/06/2019	1720.83						
	08/05/2019	1721.90						
	11/04/2019	1722.40						
	02/03/2020	1722.87						
	05/28/2020	1723.67						
M-175	04/05/2019	1721.35						
	05/06/2019	1721.33						
	06/04/2019	1721.39						
	07/08/2019	1721.51						
	08/05/2019	1721.51						
	09/04/2019	1721.57						
	10/03/2019	1721.69						
	11/04/2019	1721.94						
	12/09/2019	1721.74						
	01/02/2020	1721.92						
	02/03/2020	1722.10						
	03/03/2020	1722.31						
	04/01/2020	1722.47						
	05/28/2020	1722.70						
06/08/2020	1722.74							
M-176	05/06/2019	1721.27						
	08/05/2019	1721.38						
	11/04/2019	1721.57						
	02/03/2020	1721.75						
	05/28/2020	1722.08						
M-177	04/05/2019	1721.45						

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-177	05/06/2019	1721.44						
	06/04/2019	1721.50						
	07/08/2019	1721.55						
	08/05/2019	1721.55						
	09/04/2019	1721.55						
	10/03/2019	1721.57						
	11/04/2019	1721.68						
	12/09/2019	1721.69						
	01/02/2020	1721.80						
	02/03/2020	1721.89						
	03/03/2020	1722.00						
	04/01/2020	1722.10						
	05/28/2020	1722.18						
	06/08/2020	1722.22						
M-181	05/06/2019	1733.28						
	05/10/2019		0.0094 J	0.041		3.8 J+	<0.00050	510
	(FD)		0.0092 J	0.041		3.6	<0.00050	510
	05/12/2020		0.0057 J	0.040 J+		3.4	<0.00050	500
	05/28/2020	1734.41						
M-182	05/06/2019	1727.99						
	05/10/2019		390	1.1		20 J+	13	11,000
	05/12/2020		370	1.0 J+		0.38	14 J-	10,000
	05/28/2020	1729.24						
M-186	05/06/2019	1754.76						
	05/15/2019		2,400	9.2		7.8 J+	510	9,400
	05/14/2020		2,900	11		9.8	580	12,000
	05/29/2020	1757.04						
M-186D	05/06/2019	1769.76						
	05/14/2019		1.7	0.033		2.3	0.51	520
	11/04/2019	1769.66						
	11/06/2019		1.8	0.033		2.1	0.50	540
	05/15/2020		1.6	0.036		2.2	0.43	530
	05/29/2020	1770.74						
M-189	05/06/2019	1776.80						
	05/15/2019		12	0.041		3.0	4.2	3,100
	11/04/2019	1776.97						
	11/07/2019		11	0.048		3.3	3.8	3,000
	05/14/2020		12	0.041		3.4 J+	3.3	3,000

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
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Nevada Environmental Response Trust Site
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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-189	05/29/2020	1777.61						
M-190	05/06/2019	1776.22						
	05/15/2019		120	0.43		3.1	11	2,100
	11/04/2019	1776.66						
	11/07/2019		150	0.47		3.5	12	2,400
	05/14/2020		56	0.22		3.0	5.9	2,600
	05/29/2020	1777.40						
M-191	05/06/2019	1774.55						
	05/15/2019		650	2.7		6.4	47	3,800
	11/04/2019	1774.33						
	11/07/2019		190	8.9		13	160	6,500
	05/15/2020		2,800	17		19	280	10,000
	05/29/2020	1774.79						
M-192	05/06/2019	1774.54						
	05/13/2019		120	0.18		1.7	57	2,400
	11/04/2019	1774.50						
	11/07/2019		79	0.12		2.7	43	2,400
	05/15/2020		190	0.32		1.9	140	2,600
	05/29/2020	1775.38						
M-193	05/06/2019	1773.02						
	05/15/2019		220	0.39		3.8	550	2,900
	11/04/2019	1773.23						
	11/08/2019		250 J+	0.38		3.4	620	3,100
	05/14/2020		250	0.40		3.6	620	3,500
	05/29/2020	1774.19						
M-204	05/12/2020		0.0091 J	0.015		1.1	0.00074 J	560
	05/28/2020	1701.92						
M-205	05/12/2020		48	<0.0025		3.5 J	250	11,000
	05/28/2020	1699.70						
M-206	05/11/2020		10	0.051		2.9	11	3,600
	05/28/2020	1698.96						
M-207	05/12/2020		220	0.48 J+		22	240	4,200
	05/28/2020	1695.83						
M-208	05/13/2020		330	0.95		57	360	4,400
	05/28/2020	1696.07						
M-209	05/13/2020		360	0.69		13	500	5,000
	(FD)		370	0.72		13	530	5,100
	05/28/2020	1695.82						

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
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Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
M-210	05/12/2020		0.25	0.016		0.67	0.84	720
	05/28/2020	1695.78						
M-211	05/12/2020		680	2.0		21	360	3,500
	05/28/2020	1693.49						
M-212	05/12/2020		240	0.42 J+		6.4	280	2,300
	05/28/2020	1693.81						
M-213	05/13/2020		0.20	0.022		1.9	0.19	580
	05/28/2020	1694.25						
M-214	05/12/2020		640	2.3 J+		1.5	170	3,400
	05/28/2020	1696.90						
M-220	05/11/2020		1.2	0.033		3.5	0.071	780
	05/28/2020	1709.99						
M-260	05/11/2020		<0.010	0.0044 J		0.18	<0.00050	940
	05/28/2020	1696.52						
M-261	05/11/2020		4.1	0.0091		0.60	110	2,100
	05/28/2020	1699.76						
M-262	05/11/2020		<0.040	0.0070		0.19	0.0011	630
	05/28/2020	1700.22						
M-263	05/11/2020		12	0.028		3.2	57	4,200
	05/28/2020	1698.96						
M-264	05/11/2020		<0.0040	0.018		0.94	0.0067	590
	05/28/2020	1701.09						
M-265	05/12/2020		4.4	0.015 J+		0.64	7.6	930
	05/28/2020	1696.16						
M-266	05/12/2020		<0.0020	<0.0025		<0.055	<0.00050	530
	05/28/2020	1699.99						
M-267	05/11/2020		80	0.27		2.3 J+	64	1,000
	05/28/2020	1697.33						
M-268	05/12/2020		0.49	0.022 J+		2.0	0.43 J-	590
	05/28/2020	1696.23						
MC-3	05/06/2019	1691.84						
	05/14/2019		1.7			<5.5	3.0	24,000
	05/11/2020		4.5			<5.5	3.5	26,000
	05/27/2020	1692.06						
MC-6	05/06/2019	1685.24						
	05/10/2019		0.27 J			<5.5	0.34	16,000
	05/11/2020		0.31 J			<5.5	0.30	17,000
	05/27/2020	1685.47						

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April 2019 - June 2020
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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
MC-7	05/06/2019	1691.30						
	05/09/2019		1.0			<2.8	1.9	7,200
	05/11/2020		0.46			2.6	8.4	7,400
	(FD)		0.42			2.6	7.1	7,500
	05/27/2020	1691.33						
MC-50	05/06/2019	1683.68						
	05/14/2019		0.65			<2.8	0.79	17,000
	05/11/2020		0.41			<5.5	0.76	16,000
	05/28/2020	1684.18						
MC-51	05/06/2019	1685.08						
	05/10/2019		<0.040			<5.5	0.11	17,000
	05/11/2020		0.074 J			<5.5	0.32	17,000
	05/27/2020	1685.64						
MC-53	05/06/2019	1683.65						
	05/10/2019		13	0.0050		<5.5	1.8	16,000
	05/12/2020		15	0.0066 J+		<2.8	2.1	14,000
	(FD)		16	0.0073 J+		<2.8	2.1	15,000
	05/27/2020	1684.20						
MC-65R2	05/14/2019	1677.25	9.7	<0.0025		<2.8	3.4	11,000
	05/08/2020		12	<0.0025		<2.8	4.5	10,000
	05/27/2020	1677.83						
MC-69	05/06/2019	1687.24						
	05/10/2019		0.63			<5.5	0.55	17,000
	05/11/2020		0.50			<5.5	0.58	17,000
	05/27/2020	1687.70						
MC-93	05/06/2019	1686.02						
	05/10/2019		52			<2.8	17	10,000
	05/12/2020		35			<2.8	12 J-	12,000
	05/27/2020	1686.67						
MC-97	05/06/2019	1687.47						
	05/10/2019		0.31			<5.5	0.061	15,000
	05/11/2020		0.11 J			<5.5	0.015	15,000
	05/27/2020	1688.14						
MC-MW-37R2	05/08/2020		<0.010	<0.0025		<1.1	9.5	4,300
	05/27/2020	1678.26						
MCF-06B	05/20/2020		2.0				3.0	
	05/29/2020	1577.86						
MCF-06C	05/20/2020		12				7.3	

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
MCF-06C	05/29/2020	1577.91						
MW-02	05/21/2020		2.4	0.011			1.6	3,500
	05/27/2020	1493.63						
MW-3	05/18/2020		5.1	0.018			2.6	4,200
	05/28/2020	1520.47						
MW-4	05/19/2020		5.6	0.016			2.9	4,500
	05/28/2020	1520.35						
MW-13	05/21/2020		5.7	0.023			2.8	4,500
	(FD)		5.9	0.024			2.5	4,500
	05/28/2020	1494.73						
MW-16	05/06/2019	1719.45						
	05/13/2019		<0.020	<0.0025		<2.8	0.40	13,000
	05/14/2020		<0.10	<0.0050		<2.8	0.60	11,000
	05/29/2020	1718.70						
MW-20	05/21/2020		0.10	0.0040 J			0.080	5,000
	05/27/2020	1480.07						
MW-25	05/21/2020		0.085 J	0.016			0.0097	3,600
	05/27/2020	1492.47						
MW-K4	05/06/2019	1582.20						
	05/08/2019		23	0.018		5.7	23 J+	4,000
	11/04/2019	1582.90						
	11/05/2019		24	0.024		5.7	22	4,000
	05/06/2020		22	0.037		6.4	24	4,200
	05/29/2020	1583.51						
MW-K5	05/06/2019	1568.48						
	05/07/2019		16	0.0067		12	37	5,000
	08/05/2019	1569.47						
	11/04/2019	1569.96						
	11/05/2019		18	0.0056		12	33	4,800
	02/03/2020	1583.09						
	05/05/2020		56	0.0065		11	29	4,300
	05/28/2020	1570.92						
NERT3.35S1	05/19/2020		<0.020	<0.0025			0.0025 UJ	6,900
	05/27/2020	1453.19						
NERT3.40S1	05/19/2020		<0.020	<0.0025			0.0025 UJ	8,600
	05/27/2020	1436.13						
NERT3.58N1	05/15/2020		0.028 J	<0.0025			0.082	7,000
	05/27/2020	1436.94						

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
NERT3.58S1	05/20/2020		1.6	0.0057			0.80	2,900
	(FD)		1.9	0.0058			0.83	2,900
	05/27/2020	1442.60						
NERT3.60N1	05/18/2020		0.76 J-	0.012			0.44	5,300
	05/27/2020	1445.08						
NERT3.60S1	05/20/2020		2.2	0.0069			0.76	2,500
	05/27/2020	1439.83						
NERT3.63S1	05/20/2020		3.3	0.0090			1.1	2,900
	05/27/2020	1443.48						
NERT3.80S1	05/20/2020		1.7	0.0033 J			0.89	3,500
	05/27/2020	1451.24						
NERT3.98S1	05/20/2020		<0.010	<0.0025			0.00050 UJ	5,100
	05/27/2020	1455.77						
NERT4.21N1	05/18/2020		4.8	0.014			1.5	3,500
	05/27/2020	1467.17						
NERT4.38N1	05/19/2020		0.32	0.0036 J			1.3	3,300
	05/27/2020	1472.69						
NERT4.51S1	05/20/2020		6.0	0.019			2.3	4,200
	05/27/2020	1480.24						
NERT4.64N1	05/15/2020		0.042 J	<0.0025			0.62	2,100
	05/27/2020	1488.08						
NERT4.64S1	05/20/2020		6.1	0.019			2.5	4,600
	05/27/2020	1485.90						
NERT4.65N1	05/15/2020		0.019 J	0.0075			0.64	2,100
	05/27/2020	1488.51						
NERT4.70N1	05/18/2020		<0.0020	<0.0025			0.17	1,600
	05/27/2020	1489.96						
NERT4.71N1	05/18/2020		0.0020 UJ	<0.0025			46	1,600
	05/27/2020	1490.92						
NERT4.71S1	05/20/2020		6.4	0.021			2.8	4,500
	05/27/2020	1490.49						
NERT4.71S2	05/20/2020		12	0.025			2.3	4,000
	05/27/2020	1490.92						
NERT4.93S1	05/20/2020		9.4	0.013			1.8	3,000
	05/27/2020	1495.78						
NERT5.11S1	05/20/2020		9.4	0.011			1.9	3,000
	05/27/2020	1502.13						
NERT5.49S1	05/20/2020		<0.010	<0.0025			0.0084	1,400

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
NERT5.49S1	05/27/2020	1516.87						
NERT5.91S1	05/21/2020		0.35	<0.0025			2.6	2,900
	05/27/2020	1523.46						
PC-1	05/06/2019	Dry						
	05/28/2020	Dry						
PC-2	05/06/2019	1569.02						
	05/08/2019		4.7	0.0034 J		15	0.61	2,900
	05/06/2020		2.9	0.0035 J		17	0.30	3,100
	05/28/2020	1570.97						
PC-4	05/06/2019	1565.91						
	05/08/2019		66	0.075		17	6.5	7,100
	05/06/2020		67	0.072		18	6.0	6,900
	05/28/2020	1567.47						
PC-18	04/05/2019	1582.39						
	05/06/2019	1582.38						
	05/08/2019		56	0.084		8.4	73 J+	11,000
	06/04/2019	1582.71						
	07/08/2019	1582.69						
	08/05/2019	1582.66						
	09/04/2019	1582.68						
	10/03/2019	1583.08						
	11/04/2019	1581.06						
	11/06/2019		71	0.080		7.7	72	11,000
	12/09/2019	1584.11						
	01/02/2020	1584.47						
	02/03/2020	1584.54						
	03/03/2020	1584.52						
	04/01/2020	1584.47						
	05/06/2020		60	0.064		7.4 J-	58	12,000
05/29/2020	1583.74							
06/08/2020	1583.86							
PC-21A	05/06/2019	1692.72						
	05/10/2019		190	0.17		31 J+	2.1	9,200
	05/08/2020		170	0.17		25 J+	2.2	8,500
	05/28/2020	1692.33						
PC-24	05/09/2019	1612.25	20	0.029		3.0 J+	2.5	1,700
	05/07/2020		31	0.036		4.4	3.0	1,900
	05/27/2020	1612.53						

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
PC-28	05/09/2019	1637.66	180	0.30		14	110	4,600
	05/07/2020		210 J-	0.35		17	130	5,100
	(FD)		210 J-	0.32		18	130	5,000
	05/27/2020	1638.17						
PC-31	05/09/2019	1646.48	5.0	0.0091		4.2	35	3,800
	05/08/2020		4.9	0.0067		3.5 J+	33	3,900
	05/27/2020	1646.73						
PC-40R	05/06/2019	1656.24						
	05/14/2019		2.9	<0.0025		<2.8	2.7	16,000
	05/08/2020		1.5	<0.013		<5.5	0.90	16,000
	05/27/2020	1657.25						
PC-50	05/09/2019	1619.83	39	0.017		6.6	39	12,000
	05/07/2020		39	0.014		3.5 J	39	12,000
	05/27/2020	1620.22						
PC-53	05/06/2019	1567.75						
	05/07/2019		160	0.15		13	0.85	4,900
	08/05/2019	1569.06						
	11/04/2019	1569.66						
	11/05/2019		59	0.062		14	1.0	4,400
	(FD)		60	0.060		14	1.0	4,400
	02/03/2020	1584.48						
	05/06/2020		66	0.058		15	0.71	4,200
05/28/2020	1570.30							
PC-54	05/06/2019	1678.92						
	05/09/2019		560	2.0		32	210	5,200
	11/04/2019	1679.04						
	11/07/2019		600	2.0		32 J+	230	5,700
	05/08/2020		610	1.9		31	170	5,200
	05/27/2020	1679.62						
PC-55	04/05/2019	1583.65						
	05/06/2019	1583.62						
	05/10/2019		0.48	<0.0025		1.2 J+	11	5,600
	06/04/2019	1583.95						
	07/08/2019	1583.92						
	08/05/2019	1583.90						
	09/04/2019	1583.92						
	10/03/2019	1584.32						
11/04/2019	1584.11							

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
PC-55	11/07/2019		0.53	<0.0025		1.3 J	15	5,400
	12/09/2019	1585.39						
	01/02/2020	1585.76						
	02/03/2020	1585.81						
	03/03/2020	1585.79						
	04/01/2020	1585.76						
	05/06/2020		0.89	<0.0025		1.6 J	15	5,000
	05/29/2020	1585.03						
	06/08/2020	1585.17						
PC-56	05/06/2019	1555.46						
	05/08/2019		8.3	0.011		7.5	18 J+	3,200
	08/05/2019	1555.65						
	11/04/2019	1556.75	8.2	0.012		5.9	8.4	2,200
	02/03/2020	1560.77						
	05/05/2020		9.4	0.0089		9.3	6.7	2,100
	05/29/2020	1557.35						
PC-58	05/06/2019	1554.64						
	05/10/2019		15	0.026		11	1.4	3,400
	08/05/2019	1554.69						
	11/04/2019	1555.83						
	11/05/2019		9.9	0.013		12	1.4	2,600
	02/03/2020	1559.07						
	05/04/2020		7.6	0.015		8.0	0.87	2,600
	(FD)		7.6	0.015		7.4	0.84	2,600
	05/29/2020	1556.52						
PC-59	05/06/2019	1556.32						
	05/13/2019		0.12	<0.0025		0.42 J	1.3	2,100
	08/05/2019	1556.44						
	11/04/2019	1557.31						
	11/05/2019		0.047	<0.0025		0.15 J	0.77 J+	2,000
	02/03/2020	1560.07						
	05/06/2020		0.067	<0.0025		2.0	0.84	2,100
	05/28/2020	1557.94						
PC-60	05/06/2019	1555.79						
	05/07/2019		0.048	<0.0025		0.30	0.57	1,600
	08/05/2019	1555.99						
	11/04/2019	1557.09						
	11/05/2019		0.016 J-	0.013		0.20 J	0.26	1,700

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
PC-60	02/03/2020	1561.05						
	05/06/2020		0.067	<0.0025		8.8	0.37	2,000
	05/29/2020	1557.69						
PC-62	05/06/2019	1557.01						
	05/08/2019		<0.0020	<0.0025		0.49	0.0077	1,300
	08/05/2019	1557.08						
	11/04/2019	1557.76						
	11/05/2019		<0.0020	<0.0025		<0.11	0.011 J+	1,500
	02/03/2020	1560.11						
	05/06/2020		<0.0020	<0.0025		0.12	0.014	1,400
05/28/2020	1558.36							
PC-64	05/09/2019	1663.35						
	05/10/2019		300	0.69		90	290	6,800
	05/07/2020		270	0.65		88	260	6,300
	(FD)		270	0.62		89	260	6,400
	05/27/2020	1663.93						
PC-65	05/10/2019	1663.02	200	0.40		19 J+	120	5,500
	05/07/2020		200	0.44		20	110	5,500
	05/27/2020	1663.54						
PC-66	05/09/2019	1658.63	520	1.4		30	200	5,500
	05/07/2020		530 J-	1.3		28	190	5,500
	05/27/2020	1659.05						
PC-67	05/09/2019	1658.25						
	05/10/2019		230	0.25		34	9.6	9,900
	05/07/2020		230 J-	0.27		32	10	10,000
	05/27/2020	1658.43						
PC-71	05/06/2019	1669.60						
	05/07/2019		230	0.22		31	290	7,200
	(FD)		230	0.23		31	300	7,300
	11/07/2019	1670.24	230	0.26		33	340	7,300
	05/08/2020		220	0.22		33	250	7,100
	05/27/2020	1670.53						
PC-72	05/06/2019	1667.97						
	05/08/2019		190	0.16		22	280 J+	7,300
	11/04/2019	1668.12	140	0.15		21	290 J+	7,200
	05/08/2020		130	0.15		20	220	7,700
	05/27/2020	1668.89						
PC-74	05/06/2019	1554.08						

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
PC-74	05/07/2019		1.2			5.6	1.8	3,900
	05/15/2020		1.6			4.8	2.0	3,900
	05/28/2020	1554.47						
PC-76	05/06/2019	1553.97						
	05/28/2020	1554.41						
PC-77	05/06/2019	1560.43						
	05/07/2019		0.30			5.6	2.9	4,100
	05/06/2020		0.33			4.7	3.0	4,100
	05/27/2020	1561.37						
PC-78	05/06/2019	1560.88						
	05/27/2020	1561.65						
PC-79	05/06/2019	1555.87						
	05/07/2019		0.050	<0.0025		0.22	1.2	1,900
	05/04/2020		0.014 J	<0.0025		<0.11	1.1	1,900
	05/27/2020	1555.95						
PC-80	05/06/2019	1555.88						
	05/27/2020	1556.95						
PC-81	05/06/2019	1555.78						
	05/27/2020	1556.86						
PC-82	05/06/2019	1552.26						
	05/07/2019		<0.0040			<0.11	0.11	1,800
	05/05/2020		<0.0040			<0.11	0.0015	1,800
	05/27/2020	1552.94						
PC-83	05/06/2019	1552.63						
	05/27/2020	1552.73						
PC-86	04/05/2019	1548.04						
	05/06/2019	1547.82						
	05/07/2019		<0.0040	<0.0025		<0.11	0.092	1,600
	06/04/2019	1547.99						
	07/08/2019	1547.73						
	08/05/2019	1547.75						
	09/04/2019	1547.75						
	10/03/2019	1548.72						
	11/04/2019	1548.46	<0.0020	<0.0025		1.2	<0.00050	1,500
	12/09/2019	1550.63						
	01/02/2020	1550.73						
	02/03/2020	1550.60						
	03/03/2020	1550.33						

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
PC-86	04/01/2020	1550.38						
	05/04/2020		<0.0020	<0.0025		0.42	0.027	1,500
	05/28/2020	1548.94						
	06/08/2020	1548.74						
PC-87	05/06/2019	1547.61						
	05/28/2020	1547.72						
PC-88	05/06/2019	1543.95						
	05/28/2020	1544.97						
PC-90	04/05/2019	1543.98						
	05/06/2019	1543.77						
	05/10/2019		6.8	<0.0025		6.2	7.3	2,600
	06/04/2019	1543.90						
	07/08/2019	1543.69						
	08/05/2019	1543.68						
	09/04/2019	1543.68						
	10/03/2019	1544.52						
	11/04/2019	1544.34						
	11/06/2019		3.8	0.0068		2.7	5.3	2,300
	12/09/2019	1546.24						
	01/02/2020	1546.41						
	02/03/2020	1546.34						
	03/03/2020	1546.21						
	04/01/2020	1546.31						
	05/05/2020		29	<0.0025		9.1	14	3,600
05/27/2020	1544.80							
06/08/2020	1544.61							
PC-91	04/05/2019	1541.04						
	05/06/2019	1540.82						
	05/07/2019		0.031	<0.0025		<0.55	0.14	2,900
	06/04/2019	1540.89						
	07/08/2019	1540.70						
	08/05/2019	1540.64						
	09/04/2019	1540.59						
	10/03/2019	1541.52						
	11/04/2019	1541.29						
	11/05/2019		<0.010	0.0057		<0.55	0.0034	3,100
	12/09/2019	1542.31						
01/02/2020	1542.64							

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April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
PC-91	02/03/2020	1543.10						
	03/03/2020	1542.69						
	04/01/2020	1543.27						
	05/05/2020		0.43	<0.0025		<0.28	0.38	2,700
	05/28/2020	1542.67						
	06/08/2020	1541.70						
PC-94	05/06/2019	1536.36						
	05/07/2019		7.8	<0.0025		5.6	3.4	4,100
	11/04/2019	1536.62						
	11/05/2019		21 J+	0.0042 J		8.3	5.0	3,800
	05/05/2020		27	<0.0025		8.1	8.1	4,300
	(FD)		27	<0.0025		8.2	8.0	4,300
	05/28/2020	1537.02						
PC-96	05/06/2019	1545.94						
	05/13/2019		0.46			2.2	3.3	2,700
	05/05/2020		0.050 J			0.30	1.3	2,000
	05/28/2020	1545.65						
PC-97	04/05/2019	1543.24						
	05/06/2019	1543.04						
	05/13/2019		0.25	0.0035 J		1.3	2.3	2,400
	06/04/2019	1543.17						
	07/08/2019	1542.99						
	08/05/2019	1542.97						
	09/04/2019	1542.95						
	10/03/2019	1543.73						
	11/04/2019	1543.61						
	11/05/2019		0.14	<0.0025		1.3	1.9	2,200
	12/09/2019	1545.11						
	01/02/2020	1545.28						
	02/03/2020	1545.19						
	03/03/2020	1545.06						
	04/01/2020	1545.12						
	05/04/2020		<0.0020	<0.0025		<0.11	0.46	1,700
	05/28/2020	1544.02						
06/08/2020	1543.84							
PC-98R	05/06/2019	1570.01						
	05/07/2019		4.2	0.0043 J		9.5	24	3,600
	08/05/2019	1570.80						

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April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
PC-98R	11/04/2019	1571.15						
	11/06/2019		2.9	0.0051		7.9	21	3,100
	02/03/2020	1582.29						
	05/06/2020		2.8	0.0040 J		7.3	16	3,100
	05/28/2020	1571.93						
PC-99R2/R3	04/11/2019	1540.95	18	0.0045 J	0.00043 J	8.8	17	3,400
	05/21/2019	1540.57	17	<0.0025	0.0017	7.3	16	3,300
	06/13/2019	1540.95	16	<0.0025	<0.00025	7.6	15	3,200
	(FD)		15	<0.0025	<0.00025	7.3	14	3,200
	07/09/2019	1541.81	15	<0.0025	<0.00025	7.2	16	3,100
	08/21/2019	1539.85	12	<0.0025	<0.00025	6.3	13	3,000
	09/17/2019	1540.19	12	<0.0025	<0.00025	5.6	16	3,100
	10/02/2019	1541.41	14	0.0035 J	<0.00025	6.3	18	3,100
	11/07/2019	1541.41	19	0.0031 J	<0.00025	7.1	15	3,400
	12/04/2019	1542.37	16	<0.0025	0.00034 J	7.0	13	3,200
	01/07/2020	1542.34	18	<0.0025	0.00048 J	8.0	13	3,200
	02/06/2020	1542.15	17	<0.0025	0.00026 J	9.2	11	2,900
	03/04/2020	1541.80	12	<0.0025	<0.00025	7.7	9.6	2,700
	(FD)		12	<0.0025	<0.00025	7.6	9.9	2,700
	04/01/2020	1542.20	19	0.0045 J	0.00053 J	9.4	12	2,800
	05/06/2020	1541.84	20	<0.0025	0.00061 J	9.2	15	3,100
06/02/2020	1541.72	21	<0.0025	0.00043 J	9.7	16 J+	3,100	
PC-101R	05/06/2019	1581.90						
	05/08/2019		6.9	0.010		8.1	42	4,500
	11/04/2019	1582.20						
	11/08/2019		7.2 J+	0.011		7.8	51	4,800
	05/06/2020		7.1	0.0094		7.3	37	4,800
	05/29/2020	1583.01						
PC-103	05/06/2019	1576.30						
	05/07/2019		3.4	<0.0025		5.7	18	3,200
	08/05/2019	1576.62						
	11/04/2019	1576.70						
	11/05/2019		<0.0020	<0.0025		1.4	0.051	1,400
	02/03/2020	1581.48						
	05/06/2020		0.029	<0.0025		2.2	0.18	1,500
05/28/2020	1577.20							
PC-107	05/06/2019	1604.64						
	05/08/2019		11			22	62	4,800

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Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
PC-107	05/08/2020		12			22 J+	60	5,300
	05/27/2020	1604.96						
PC-108	05/06/2019	1575.53						
	05/08/2019		<0.0020			0.59	<0.00050	1,600
	(FD)		<0.0020			0.57	<0.00050	1,600
	05/06/2020		<0.0020			<0.11	<0.00050	1,500
	05/27/2020	1576.55						
PC-110	05/06/2019	1579.76						
	05/08/2019		0.29			5.7	0.68	4,300
	05/05/2020		0.32			4.6	0.68	4,300
	05/27/2020	1581.17						
PC-115R	04/11/2019	1542.06	4.3	<0.0025	<0.00025	3.3	6.9	2,200
	05/21/2019	1541.97	3.9	<0.0025	<0.00025	2.5	6.0	2,200
	06/13/2019	1541.84	3.4	<0.0025	<0.00025	2.9	6.0	2,200
	07/09/2019	1541.75	3.4	<0.0025	<0.00025	2.5	6.4	2,100
	08/21/2019	1541.71	2.5	<0.0025	<0.00025	2.6	6.5	2,000
	09/17/2019	1542.62	2.6	<0.0025	<0.00025	2.2	8.2	2,100
	10/02/2019	1542.67	3.0	<0.0025	<0.00025	2.3	7.1	2,100
	11/07/2019	1540.21	8.0	<0.0025	<0.00025	3.9	9.3	2,500
	12/04/2019	1543.87	6.4	<0.0025	<0.00025	4.3	8.4	2,300
	01/07/2020	1543.36	9.4	<0.0025	<0.00025	4.8	8.2	2,400
	02/06/2020	1544.57	6.1	<0.0025	<0.00025	5.7	6.1	2,300
	03/04/2020	1544.15	4.5	<0.0025	<0.00025	5.3	5.4	2,100
	04/01/2020	1544.07	9.8	0.0033 J	<0.00025	6.6	8.9	2,400
	05/06/2020	1543.35	8.8	<0.0025	<0.00025	6.7	10	2,500
06/02/2020	1542.88	7.9	<0.0025	<0.00025	5.8	9.9	2,400	
PC-116R	04/11/2019	1536.38	26	0.0052	0.0050	8.1	13	3,400
	05/21/2019	1536.35	24	0.0040 J	0.0049	6.9	14	3,300
	06/13/2019	1536.18	23	0.0048 J	0.0038	7.2	13	3,200
	07/09/2019	1535.98	21	0.0044 J	0.0037	6.9	14	3,300
	(FD)		22	0.0041 J	0.0037	7.0 J+	14	3,300
	08/21/2019	1535.98	18	<0.0025	0.0027	7.0	15	3,100
	09/17/2019	1537.10	17	0.0035 J	0.0030	5.9	17	3,100
	10/02/2019	1537.17	19	0.0041 J	0.0033	6.5	18	3,200
	11/07/2019	1537.18	19	0.0049 J	0.0042	5.9	12	3,200
	(FD)		20	0.0056	0.0041	6.4	13	3,200
	12/04/2019		18	0.0050	0.0041	6.5	11	3,000
	12/10/2019	1538.82						

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
PC-116R	01/07/2020	1538.78	21	0.0061	0.0052	7.7	13	3,100
	02/06/2020	1539.17	17	0.0053	0.0039	8.5	9.5	2,800
	03/04/2020	1538.82	14	0.0036 J	0.0034	7.7	11	2,700
	04/01/2020	1538.87	18	0.0051	0.0048	8.6	11	2,800
	(FD)		19	0.0044 J	0.0044	8.7	11	2,900
	05/06/2020	1537.37	19	0.0057	0.0061	8.2	11	2,800
	06/02/2020	1537.02	21	0.0066	0.0073	8.1	11	2,900
PC-117	04/11/2019	1535.76	19	0.0055	0.0050	4.2	7.5	2,700
	05/21/2019	1535.68	20	0.0056	0.0056	4.1	7.4	2,800
	06/13/2019	1535.56	19	0.0057	0.0047	4.9	7.4	2,700
	07/09/2019	1535.36	19	0.0064	0.0047	4.3	7.9	2,700
	08/21/2019	1535.38	16	0.0039 J	0.0039	3.7	8.9	2,700
	09/17/2019	1536.21	16	0.0036 J	0.0042	3.8	11	2,800
	10/02/2019	1536.28	16	0.0055	0.0042	4.4	9.4	2,700
	11/07/2019	1541.67	15	0.0053	0.0051	3.9	7.2	2,700
	12/04/2019	1537.71	14	0.0060	0.0057	3.6 J+	6.2	2,500
	01/07/2020	1537.36	17	0.0079	0.0065	4.7 J+	7.5	2,600
	02/06/2020	1537.88	14	0.0052	0.0053	4.5 J+	5.1	2,400
	03/04/2020	1537.44	12	0.0038 J	0.0042	4.7	6.1	2,200
	04/01/2020	1537.61	13	0.0050	0.0047	4.6	6.9	2,400
	05/06/2020	1536.41	11	0.0053	0.0053	4.2	5.2	2,200
	06/02/2020	1535.92	11	0.0066	0.0061	3.8	3.9	2,200
PC-118	04/11/2019	1544.50	1.3	<0.0025	<0.00025	1.5	2.6	2,000
	05/21/2019	1544.49	1.2	<0.0025	<0.00025	1.1	2.4	1,900
	06/13/2019	1544.44	1.1	<0.0025	<0.00025	1.3	2.1	1,900
	07/09/2019	1544.20	0.96	<0.0025	<0.00025	1.0	2.1	1,800
	08/21/2019	1543.93	0.78	<0.0025	0.0010	0.70	2.3	1,800
	(FD)		0.85	<0.0025	<0.00025	0.72	2.2	1,900
	09/17/2019	1545.20	0.80	<0.0025	<0.00025	0.83	2.5	1,800
	10/02/2019	1545.18	0.81	<0.0025	<0.00025	0.87	2.7	1,800
	11/07/2019	1539.75	1.2	<0.0025	<0.00025	0.96	2.8	1,900
	12/04/2019	1546.25	1.9	<0.0025	<0.00025	1.8	3.6	1,900
	(FD)		1.9	<0.0025	<0.00025	1.7	3.4	1,900
	01/07/2020	1546.35	2.0	<0.0025	<0.00025	1.8		2,000
	01/09/2020						3.6	
	02/06/2020	1547.18	2.2	<0.0025	<0.00025	2.1	3.3	1,900
	03/04/2020	1546.64	1.8	<0.0025	<0.00025	2.8	3.2	1,900
	04/01/2020	1546.55	2.2	0.0045 J	<0.00025	3.5	3.5	2,000

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
PC-118	05/06/2020	1545.75	2.1	<0.0025	<0.00025	3.3	3.6	2,100
	(FD)		2.0	<0.0025	<0.00025	3.5	3.6	2,100
	06/02/2020	1545.33	1.8	<0.0025	<0.00025	3.1	3.4	2,000
PC-119	04/11/2019	1545.76	0.073	<0.0025	<0.00025	0.21 J	0.40	1,600
	05/21/2019	1545.74	0.048 J	<0.0025	<0.00025	0.085 J	0.30	1,600
	06/13/2019	1545.62	0.030 J	<0.0025	<0.00025	<0.11	0.27	1,600
	07/09/2019	1545.42	0.020 J	<0.0025	<0.00025	<0.11	0.21	1,600
	08/21/2019	1545.42	0.015 J	<0.0025	<0.00025	<0.11	0.25	1,600
	09/17/2019	1546.40	0.023 J	<0.0025	<0.00025	0.14 J	0.38	1,600
	10/02/2019	1546.50	0.014 J	<0.0025	<0.00025	<0.11	0.45	1,600
	11/07/2019	1546.60	0.0078 J	<0.0025	<0.00025	0.11 J	0.24	1,600
	12/04/2019	1548.85	0.052	<0.0025	<0.00025	0.10 J+	0.49	1,600
	01/07/2020	1548.60	0.064	<0.0025	<0.00025	0.13 J+	0.47	1,700
	(FD)		0.062	<0.0025	<0.00025	0.14 J+	0.49	1,700
	02/06/2020	1548.44	0.13	0.013	<0.00025	0.32	0.57	1,700
	03/04/2020	1547.98	0.13	<0.0025	<0.00025	0.98	0.71	1,700
	04/01/2020	1547.92	0.15	<0.0025	<0.00025	1.4	0.72	1,700
	05/06/2020	1546.60	0.083	<0.0025	<0.00025	0.90	0.57	1,700
06/02/2020	1546.56	0.048	<0.0025	<0.00025	0.76	0.44	1,700	
PC-120	04/11/2019	1546.91	<0.0020	<0.0025	<0.00025	<0.11	0.054	1,600
	(FD)		<0.0020	<0.0025	<0.00025	<0.11	0.056	1,600
	05/21/2019	1546.90	<0.0020	<0.0025	<0.00025	<0.055	0.061	1,600
	06/13/2019	1547.70	<0.0020	<0.0025	<0.00025	<0.11	0.050	1,600
	07/09/2019	1546.76	<0.0020	<0.0025	<0.00025	<0.055	0.032	1,600
	08/21/2019	1546.54	<0.0020	<0.0025	<0.00025	<0.11	0.011	1,600
	09/17/2019	1547.62	0.0064 J	<0.0025	<0.00025	<0.11	0.011 J	1,500
	(FD)		0.0070 J	<0.0025	<0.00025	<0.11	0.87 J	1,500
	10/02/2019	1547.64	<0.0020	<0.0025	<0.00025	<0.11	0.0053	1,500
	11/07/2019	1547.25	<0.0020	<0.0025	<0.00025	<0.11	0.0047	1,500
	12/04/2019	1550.04	<0.0020	<0.0025	<0.00025	<0.055	0.016	1,500
	01/07/2020	1549.76	<0.0020	<0.0025	<0.00025	<0.11	0.011	1,500
	02/06/2020	1549.71	<0.0020	<0.0025	<0.00025	0.36	0.031	1,400
	03/04/2020	1549.18	<0.0020	<0.0025	<0.00025	0.71	0.045	1,500
	04/01/2020	1549.38	<0.0020	0.0049 J	<0.00025	0.64	0.069	1,500
05/06/2020	1548.07	<0.0020	<0.0025	<0.00025	0.25	0.045	1,600	
06/02/2020	1547.75	<0.0020	<0.0025	<0.00025	0.092 J	0.037	1,500	
(FD)		<0.0020	<0.0025	<0.00025	0.11	0.038	1,600	
PC-121	04/11/2019	1548.35	<0.0020	<0.0025	<0.00025	0.15 J	0.091	1,600

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
PC-121	05/21/2019	1548.39	<0.0040	<0.0025	<0.00025	<0.055	0.13	1,600
	06/13/2019	1548.24	<0.0020	<0.0025	<0.00025	<0.11	0.12	1,700
	07/09/2019	1548.07	<0.0020	<0.0025	<0.00025	<0.11	0.097	1,600
	08/21/2019	1547.86	<0.0020	<0.0025	<0.00025	<0.11	6.4	1,600
	09/17/2019	1549.05	<0.0020	<0.0025	<0.00025	<0.11	0.0081	1,500
	10/02/2019	1549.05	<0.0020	<0.0025	<0.00025	<0.11	0.0026	1,600
	11/07/2019	1548.33	<0.0020	<0.0025	<0.00025	<0.11	<0.00050	1,500
	12/04/2019	1548.44	<0.0020	<0.0025	<0.00025	<0.11	<0.00050	1,500
	01/07/2020	1550.05	<0.0020	<0.0025	<0.00025	<0.055	<0.00050	1,500
	02/06/2020	1551.23	<0.0020	<0.0025	<0.00025	0.59 J+		1,500
	(FD)		<0.0020	<0.0025	<0.00025	0.62 J+		1,500
	02/27/2020						0.014	
	(FD)						0.017	
	03/04/2020	1550.66	<0.0020	<0.0025	<0.00025	1.1	0.020	1,500
	04/01/2020	1550.57	<0.0020	<0.0025	<0.00025	0.93	0.031 J+	1,500
	05/06/2020	1549.13	<0.0020	<0.0025	<0.00025	0.57	0.046	1,500
06/02/2020	1549.64	<0.0020	<0.0025	<0.00025	0.24	0.061	1,600	
PC-122	04/05/2019	1584.90						
	05/06/2019	1584.79						
	05/08/2019		170	0.16		24	16 J+	7,700
	06/04/2019	1584.94						
	07/08/2019	1584.96						
	08/05/2019	1584.91						
	09/04/2019	1584.92						
	10/03/2019	1585.40						
	11/04/2019	1586.07						
	11/05/2019		170	0.15		24	14	7,700
	12/09/2019	1585.74						
	01/02/2020	1586.11						
	02/03/2020	1586.21						
	03/03/2020	1586.35						
	04/01/2020	1586.22						
	05/05/2020		160	0.16		21	16	6,800
05/29/2020	1585.22							
06/08/2020	1585.54							
PC-123	05/09/2019	1603.47	350	0.68		23	200	6,200
	11/05/2019	1603.57						
	11/06/2019		350	0.65		21 J+	220	6,500

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
PC-123	05/07/2020		320 J-	0.67		22	170	6,200
	05/27/2020	1603.54						
PC-124	05/09/2019	1610.29	140	0.097		21 J+	4.9	6,800
	11/04/2019	1610.33						
	11/06/2019		140	0.065		19	5.2	7,200
	05/07/2020		150	0.067		24	5.7	7,800
	05/27/2020	1610.47						
PC-125	05/09/2019	1611.64	120	0.065		16	6.9	6,900
	(FD)		110	0.070		16	6.7	6,900
	11/04/2019	1611.63						
	11/06/2019		120	0.072		23	7.2	7,700
	(FD)		120	0.071		24	7.2	7,600
	05/07/2020		140	0.076		21	6.9	7,500
	05/27/2020	1611.66						
PC-126	05/09/2019	1612.08	230	0.25		26	24	8,700
	11/04/2019	1612.10						
	11/06/2019		220	0.20		26	20	8,000
	05/07/2020		250	0.23		31	21	9,000
	05/27/2020	1612.08						
PC-127	05/16/2019	1613.17	350	0.62		21	180	6,200
	11/04/2019	1613.31						
	11/06/2019		340	0.61		21	190	6,100
	05/07/2020		370	0.68		21	160	5,800
	05/27/2020	1613.42						
PC-128	05/09/2019	1614.13	190	0.22		13	120	5,400
	11/04/2019	1614.16						
	11/06/2019		150	0.19		12 J+	130	5,400
	05/07/2020		140 J-	0.17		11	210	5,000
	05/27/2020	1614.46						
PC-129	05/09/2019	1614.24	320	0.51		21	260	6,100
	11/04/2019	1614.17						
	11/06/2019		320	0.53		24	270	6,600
	05/07/2020		320	0.53		23	230	6,000
	05/27/2020	1614.59						
PC-130	05/09/2019	1612.12	360	0.57		25	290	7,400
	11/04/2019	1612.12						
	11/06/2019		610	0.52		29	280	7,600
	05/07/2020		310	0.52		26	230	7,200

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
PC-130	05/27/2020	1612.69						
PC-131	05/09/2019	1621.52	0.042 J	<0.0025		<2.8	0.23	8,900
	11/04/2019	1621.36						
	11/06/2019		0.063 J	<0.0025		<2.8	0.089	9,100
	05/07/2020		0.010 UJ	0.0025 J		15	0.084	9,500
	05/27/2020	1621.86						
PC-132	05/09/2019	1624.74	<0.010	<0.0025		<2.8	<0.00050	8,500
	11/04/2019	1624.54						
	11/06/2019		<0.020	<0.0025		<2.8	<0.00050	8,700
	05/07/2020		<0.020	<0.0025		<1.1	0.0038	9,000
	05/27/2020	1624.84						
PC-133	04/11/2019	1526.44	0.035	<0.0025	0.00027 J	<0.11	0.75	1,900
	05/21/2019	1527.01	0.094 J	<0.0025	<0.00025	0.21 J	1.0	2,000
	(FD)		0.087 J	<0.0025	<0.00025	0.21 J	1.0	2,000
	06/13/2019	1526.90	0.14	<0.0025	<0.00025	0.32	1.3	2,100
	07/09/2019	1526.73	0.20	<0.0025	<0.00025	0.48 J+	1.7	2,100
	08/21/2019	1527.06	0.27	<0.0025	<0.00025	0.83	2.4	2,300
	09/17/2019	1527.22	0.28	<0.0025	<0.00025	0.86	2.6	2,300
	10/02/2019	1527.67	0.26	<0.0025	<0.00025	0.77	2.3	2,300
	(FD)		0.26	<0.0025	<0.00025	1.0	2.4	2,200
	11/07/2019	1527.29	0.20	<0.0025	<0.00025	0.57	1.8	2,200
	12/04/2019	1528.73	0.14	<0.0025	<0.00025	0.40 J+	1.4	2,100
	01/07/2020	1527.13	0.44	0.0048 J	<0.00025	0.21 J+	0.96	2,000
	02/06/2020	1529.23	0.76	<0.0025	<0.00025	0.20 J+	0.91	1,800
	03/04/2020	1529.09	1.1	<0.0025	<0.00025	0.27	0.88	1,800
	04/01/2020	1529.83	1.1	<0.0025	<0.00025	0.30	0.78	1,800
05/06/2020	1529.62	1.1	<0.0025	<0.00025	0.27	0.77	1,800	
06/02/2020	1530.12	0.75	<0.0025	<0.00025	0.17	0.55	1,800	
PC-134A	05/06/2019	1582.37						
	05/08/2019		0.041	0.0066		0.11 J	0.042	1,800
	05/06/2020		0.044	0.0088		<0.11	0.040	1,900
	05/29/2020	1583.65						
PC-134D	05/06/2019	1588.32						
	05/08/2019		<0.010	<0.0025		<0.55	<0.00050	3,800
	(FD)		<0.010	<0.0025		<0.55	<0.00050	3,800
	11/04/2019	1588.74						
	11/06/2019		<0.0040	<0.0025		<0.55	<0.00050	3,800
05/05/2020		<0.010	<0.0025		<0.28	0.00050 UJ	3,800	

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Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
PC-134D	05/29/2020	1588.89						
PC-135A	05/06/2019	1582.29						
	05/10/2019		8.3	0.057		6.1 J+	40	4,700
	11/04/2019	1582.72						
	11/05/2019		7.6	0.026		7.1	46 J+	4,800
	05/05/2020		7.4	0.015		7.0	38	4,800
	05/29/2020	1583.52						
PC-136	05/06/2019	1584.06						
	05/09/2019		250	1.0		14	190	6,100
	11/04/2019	1584.58						
	11/05/2019		230	0.57		15	210	6,000
	05/08/2020		180	1.2		12 J+	140	5,200
	05/29/2020	1584.98						
PC-137	05/06/2019	1584.93						
	05/08/2019		<0.10	0.0047 J		<0.55	<0.00050	4,000
	05/05/2020		<0.0040	<0.0025		<0.28	0.00050 UJ	3,700
	05/29/2020	1585.79						
PC-137D	05/06/2019	1586.60						
	05/08/2019		<0.010	<0.0025		<0.55	<0.00050	4,100
	11/04/2019	1586.85						
	11/05/2019		0.020 J	<0.0025		<0.55	<0.0050	4,000
	05/06/2020		<0.010	<0.0025		0.55 UJ	0.00050 UJ	4,100
	05/29/2020	1587.51						
PC-142	05/06/2019	1587.85						
	05/09/2019		4.0	0.0060		5.8	36	4,600
	05/07/2020		3.9	<0.0025		5.5	28	4,500
	05/29/2020	1588.46						
PC-143	05/06/2019	1582.52						
	05/08/2019		7.3	0.0048 J		8.3	43	4,600
	05/06/2020		7.3	0.0035 J		8.1	43	4,500
	05/29/2020	1583.89						
PC-144	05/06/2019	1582.58						
	05/08/2019		140	0.20		14	120 J+	5,700
	11/04/2019	1583.00						
	11/05/2019		68	0.092		9.1	57 J+	5,000
	05/05/2020		76	0.12		11	58	5,200
	05/29/2020	1583.80						
PC-145	05/06/2019	1583.52						

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PC-145	05/08/2019		260	0.44		23	79 J+	6,900
	05/06/2020		190	0.24		19 J-	32	6,200
	05/29/2020	1584.51						
PC-146	05/06/2019	Dry						
	05/28/2020	Dry						
PC-147	05/06/2019	Dry						
	05/28/2020	1586.17						
PC-148	05/06/2019	1585.31						
	05/08/2019		12	0.0040 J		2.6	11 J+	5,000
	11/04/2019	1585.77						
	11/07/2019		6.5	<0.0025		1.2 J	10	5,700
	05/06/2020		9.7	0.0099		2.3	9.0	5,200
	05/29/2020	1586.23						
PC-149	05/06/2019	1585.06						
	05/08/2019		1.2	<0.0025		0.67 J	1.3 J+	2,600
	11/04/2019	1585.48						
	11/06/2019		1.0	0.0031 J		0.62	1.4	2,700
	05/06/2020		1.1	<0.0025		0.47 J	1.3	2,900
	05/29/2020	1585.90						
PC-150	04/11/2019	1575.99	46	0.034	0.034	7.8 J+	44	4,500
	05/21/2019	1576.03	61	0.046	0.052	7.9	50	4,900
	06/18/2019	1575.85	62	0.044	0.043	8.1	56	4,900
	07/10/2019	1575.98	64	0.048	0.042	7.6	32	5,000
	08/20/2019	1575.89	61	0.046	0.046	8.8 J+	60	5,100
	09/17/2019	1575.91	62	0.047	0.048	8.5	76	5,000
	10/01/2019	1575.95	60	0.047	0.044	9.0	62	4,900
	11/05/2019	1574.87	57	0.043	0.043	9.3	61	5,100
	12/03/2019	1572.77	61	0.056	0.048	7.3	55	5,300
	01/06/2020	1572.90	57	0.056	0.053	10	52	5,100
	02/10/2020	1576.25	68	0.071	0.055	10	51	4,900
	03/05/2020	1575.08	76	0.052	0.058	11	58	5,100
	04/01/2020	1576.92	63	0.063	0.053	11	56	5,000
	(FD)		61	0.061	0.054	11	56	4,900
	05/11/2020	1578.09	62	0.055	0.055	9.3 J+	54	4,900
06/02/2020	1575.32	93	0.051	0.058 J+	9.1	54	5,300	
PC-151	05/09/2019	1631.35	10	<0.0025		8.8 J+	50	3,900
	11/04/2019	1630.95						
	11/06/2019		9.6	0.0028 J		8.5	53	3,900

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PC-151	05/07/2020		9.8 J-	<0.0025		22	44	3,900
	05/27/2020	1631.52						
PC-152	05/09/2019	1628.40	3.2	0.012		7.3	36	4,200
	11/04/2019	1628.12						
	11/06/2019		2.3	0.0039 J		7.5	37	4,200
	05/07/2020		3.4	0.0039 J		7.2	38	3,900
	05/27/2020	1628.62						
PC-153R	05/09/2019	1625.88	0.23	0.0039 J		2.1 J	8.6	4,900
	11/04/2019	1626.17						
	11/06/2019		0.24	0.0029 J		2.2	9.7	4,800
	05/07/2020		0.34	<0.0025		2.0 J	10	4,100
	05/27/2020	1626.07						
PC-154	05/06/2019	1614.76						
	05/08/2019		10	<0.0025		15	62	5,100
	11/06/2019	1614.45	9.0	<0.0025		14	56	5,200
	05/08/2020		9.1	0.0026 J		13 J+	54	5,200
	05/27/2020	1614.72						
PC-155A	05/06/2019	1542.68						
	05/07/2019		0.48	<0.0025		4.1	3.0	3,400
	11/04/2019	1542.83	0.43	0.0025 J		4.1	3.1	3,200
	05/04/2020		0.36	<0.0025		3.2	2.8	3,000
	05/28/2020	1542.83						
PC-155B	05/06/2019	1543.52						
	05/07/2019		0.44	<0.0025		3.9	3.0	3,400
	11/04/2019	1543.68	0.39	0.0026 J		4.1	3.0	3,200
	05/05/2020		0.46	<0.0025		3.3	2.6	3,100
	05/28/2020	1542.71						
PC-156A	05/06/2019	1540.95						
	05/07/2019		<0.0040	<0.0025		0.13 J	0.27	2,000
	11/04/2019	1541.49						
	11/05/2019		<0.0040	0.0038 J		<0.28	0.35	2,000
	05/05/2020		<0.040	<0.0025		<0.28	0.16	2,400
	05/28/2020	1541.64						
PC-156B	05/06/2019	1540.09						
	05/07/2019		<0.0020	<0.0025		0.18 J	0.61	2,100
	11/04/2019	1540.39						
	11/05/2019		<0.0040	<0.0025		<0.28	0.69	2,100
	(FD)		0.011 J	<0.0025		<0.28	0.79	2,100

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PC-156B	05/06/2020		<0.0040	0.0026 J		<0.28	0.65	2,100
	05/28/2020	1540.56						
PC-157A	05/06/2019	1537.35						
	05/07/2019		<0.0020	<0.0025		0.30	0.56	2,200
	11/04/2019	1537.92	<0.0020	<0.0025		0.28 J	0.50	2,100
	05/05/2020		<0.0040	<0.0025		0.15 J	0.13	2,100
	05/28/2020	1537.95						
PC-157B	05/06/2019	1537.24						
	05/07/2019		0.40	<0.0025		4.1	2.9	3,300
	(FD)		0.39	<0.0025		4.1	2.9	3,300
	11/04/2019	1537.71	0.38	<0.0025		4.1	3.1	3,200
	05/05/2020		0.26	<0.0025		3.1	2.6	2,900
	05/28/2020	1537.94						
PC-158	05/06/2019	1607.96						
	05/08/2019		11	<0.0025		11	53	4,800
	11/04/2019	1607.58						
	11/07/2019		13	<0.0025		12	61	5,200
	05/08/2020		11	<0.0025		10 J+	57	5,000
	05/27/2020	1607.92						
PC-159	05/06/2019	1605.76						
	05/08/2019		9.6	<0.0025		8.4	51	4,500
	11/04/2019	1605.47						
	11/07/2019		8.9	<0.0025		15	53	4,800
	05/08/2020		9.3	0.0025 J		8.0 J+	47	4,400
	05/29/2020	1605.76						
PC-160	05/06/2019	1605.50						
	05/09/2019		6.6	<0.0025		7.5	39	4,600
	(FD)		6.8	<0.0025		7.0	35	4,700
	11/04/2019	1605.35						
	11/07/2019		6.0	0.0045 J		7.1	45	4,700
	05/08/2020		6.1	<0.0025		6.9 J+	44	4,500
	05/29/2020	1605.51						
PC-188	05/08/2020		48	0.14		3.4	61	1,600
	05/28/2020	1685.73						
PC-189	05/08/2020		220	0.81		8.7	82	4,200
	05/28/2020	1688.19						
PC-191	05/21/2020		8.8	<0.0025		13	50	5,200
	05/29/2020	1592.08						

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
PC-195	05/21/2020		<0.010	0.0029 J		<0.28	0.00050 UJ	2,500
	05/29/2020	1586.55						
PC-196	05/21/2020		0.021	<0.0025		<0.28	0.053	2,600
	05/29/2020	1585.84						
PC-197	05/21/2020		<0.0020	<0.0025		<0.28	0.00050 UJ	3,300
	05/29/2020	1583.79						
PC-198	05/19/2020		<0.020	<0.0025		<0.55	0.099 J+	5,500
	05/28/2020	1548.58						
PC-199	05/19/2020	[1]	<0.020	<0.0025		<5.5	0.0025 UJ	25,000
SWFTS-MW07A	05/04/2020		44	<0.0025		14	13	3,700
	05/28/2020	1543.54						
SWFTS-MW08A	05/05/2020		65	0.048		12	13	4,300
	05/28/2020	1538.73						
SWFTS-MW08C	05/05/2020		52	0.077		11	2.2	6,800
	05/28/2020	1530.63						
TR-1	05/13/2019	1784.94	<0.0020	0.074		1.1	<0.00050	730
	05/12/2020	[2]	<0.0020	0.022 J+		1.1	<0.00050	700
TR-2	05/06/2019	1726.62						
	05/13/2019		<0.0020	0.019		1.4	<0.00050	600
	05/13/2020		<0.0020	0.020		1.4	<0.00050	570
	05/28/2020	1726.91						
TR-3	05/06/2019	1785.38						
	05/13/2019		<0.0020	5.3		1.1	<0.00050	680
	05/12/2020		<0.0020	0.61 J+		1.1	<0.00050	670
	05/28/2020	1781.92						
TR-4	05/06/2019	1739.43						
	05/14/2019		<0.0020	0.026		3.2 J+	0.0012	580
	05/11/2020		0.0040 J	0.020		1.3	<0.00050	560
	05/28/2020	1737.94						
TR-5	05/06/2019	1806.85						
	05/14/2019		<0.0020	0.16		1.3	<0.00050	730
	05/15/2020		<0.0020	0.068		1.0	<0.00050	730
	05/27/2020	1804.54						
TR-6	05/06/2019	1766.03						
	05/16/2019		8.7	0.015		7.9	0.32	16,000
	05/15/2020		3.4	0.0080		<2.8	0.28	9,100
	05/27/2020	1764.66						
TR-7	05/06/2019	1823.58						

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
TR-7	05/16/2019		0.0040 J	0.014		1.3	<0.00050	790
	05/18/2020		0.013 J	0.011		1.1	<0.00050	720
	05/28/2020	1824.74						
TR-8	05/06/2019	1780.71						
	05/15/2019		0.91	0.018		2.1	0.10	1,000
	(FD)		0.90	0.018		2.0	0.097	1,000
	05/18/2020		1.1 J-	0.017		2.1	0.099	1,100
	05/28/2020	1780.67						
TR-9	05/06/2019	1823.68						
	05/15/2019		0.077	0.013		1.3 J+	0.16	790
	05/15/2020		0.091	0.014		1.1	0.20	810
	05/28/2020	1824.90						
TR-10	05/06/2019	1790.92						
	05/15/2019		20	0.097		7.9 J+	2.2	2,200
	05/15/2020		20	0.10		7.4	2.3	2,100
	05/28/2020	1791.18						
TR-11	05/06/2019	1725.09						
	05/10/2019		<0.0020	0.040		1.1	<0.00050	760
	05/11/2020		<0.040	0.047		1.1	<0.00050	730
	05/27/2020	1724.63						
TR-12	05/06/2019	1707.09						
	05/09/2019		<0.0020	0.016		0.41	<0.00050	540
	05/11/2020		<0.0020	0.030		1.3	0.00052 J	490
	05/27/2020	1708.72						
UFMW-01D	05/06/2019	1723.86						
	05/15/2019		15	0.044		30	760	4,000
	05/13/2020		14	0.041		35 J-	820	4,000
	05/29/2020	1723.71						
UFMW-02D	05/06/2019	1723.32						
	05/15/2019		45	0.038		74	780	4,100
	05/13/2020		90	0.11		79	670	4,200
	05/29/2020	1723.48						
UFMW-03D	05/06/2019	1725.35						
	05/15/2019		77	0.23		66	550	3,500
	05/14/2020		130	0.44		76	450	3,600
	05/29/2020	1726.03						
UFMW-04D	05/06/2019	1729.20						
	05/14/2019		10	0.025		14	100	2,900

**TABLE A-1: Groundwater Elevation and Analytical Data for Five Quarters
April 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada**

Well ID	Collection Date	GW Elevation (ft amsl)	Chlorate (mg/L)	Chromium (mg/L)	Chromium VI (mg/L)	Nitrate (mg/L)	Perchlorate (mg/L)	TDS (mg/L)
UFMW-04D	05/14/2020		12	0.029		13	110	2,700
	05/29/2020	1728.62						
UFMW-05D	05/06/2019	1729.21						
	05/15/2019		9.1	0.022		30	480	3,300
	(FD)		8.8	0.020		29	500	3,300
	05/14/2020		11	0.020		33	560	3,400
	05/29/2020	1728.74						
UFMW-06D	05/06/2019	1729.24						
	05/15/2019		8.3	0.016		67	410	2,900
	05/14/2020		9.6	0.020		61	390	3,200
	05/29/2020	1728.89						

Notes:

FD = field duplicate

ft amsl = feet above mean sea level

J = Concentration is estimated

J- = Estimated concentration, potential negative bias

J+ = Estimated concentration, potential positive bias

< = Concentration is less than indicated laboratory method reporting limit

mg/L = milligrams per liter

UJ = Concentration is less than estimated laboratory method reporting limit

[1] The May 2020 groundwater elevation in well PC-199 is not reported. Water level in PC-199 was observed at the top of casing (1553.36 ft amsl). The possibility of artesian conditions at this location will be evaluated further as more data are collected.

[2] The May 2020 groundwater elevation in well TR-1 is not reported. Well TR-1 is artesian, but its water pressure gauge appeared to be incorrectly measuring zero pressure; water flowed freely from the sampling port when it was opened. The gauge will be examined and, if necessary, replaced.

TABLE A-2: Field Parameters
January 2020 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
AA-01	05/08/2020	07:39	07:48	50.4	100.0	0.8	24.6	6.95	5983	3.14	74.4	4.1	Clear	None
AA-30	05/22/2020	11:08	11:32	22.0	120.0	2.52	26.2	7.81	9295	0.84	136.7	9.0	Clear	None
AA-UW2	05/20/2020	11:20	11:46	70.5	60.0	2.75	26.8	7.24	4207	6.93	206.1	3.1	Clear	None
ARP-1	05/06/2020	12:46	12:59	36.0	240.0	5.04	26.1	7.15	6188	3.69	109.3	9.5	Clear	None
ARP-2A	05/05/2020	07:10	07:41	41.8	300.0	9.0	24.4	7.19	6407	4.50	173.4	0.7	Clear	None
ARP-3A	05/06/2020	10:37	10:54	37.0	240.0	5.04	26.1	7.24	6618	0.96	89.5	4.9	Clear	None
ARP-5A	05/05/2020	12:28	12:44	34.9	200.0	3.0	27.4	7.32	5487	5.70	172.9	5.3	Clear	None
ARP-6B	05/05/2020	11:15	11:31	37.1	90.0	1.55	25.3	7.18	8394	5.39	163.1	10.7	Clear	None
ARP-7	05/06/2020	13:23	13:42	32.05	300.0	6.0	26.6	7.11	8918	5.53	191.4	19.0	Clear	None
ART-1/1A	01/06/2020	--	--	--	--	--	23.0	7.65	7010	--	--	--	--	--
	02/10/2020	--	--	--	--	--	22.2	7.59	6980	--	--	--	--	--
	03/05/2020	--	--	--	--	--	25.4	7.45	5450	--	--	--	--	--
	04/01/2020	--	--	--	--	--	24.5	7.84	7310	--	--	--	--	--
	05/11/2020	--	--	--	--	--	28.3	7.97	6970	--	--	--	--	--
	06/02/2020	--	--	--	--	--	35.8	7.39	7130	--	--	--	--	--
ART-2/2A	01/06/2020	--	--	--	--	--	22.5	7.35	12600	--	--	--	--	--
	02/10/2020	--	--	--	--	--	21.3	7.35	12200	--	--	--	--	--
	03/05/2020	--	--	--	--	--	26.1	7.32	9200	--	--	--	--	--
	04/01/2020	--	--	--	--	--	24.9	7.57	13280	--	--	--	--	--
	05/11/2020	--	--	--	--	--	29.9	7.58	12940	--	--	--	--	--
	06/02/2020	--	--	--	--	--	31.8	7.09	13840	--	--	--	--	--
ART-3/3A	01/06/2020	--	--	--	--	--	22.8	7.29	9120	--	--	--	--	--
	02/10/2020	--	--	--	--	--	21.4	7.44	9770	--	--	--	--	--
	03/05/2020	--	--	--	--	--	24.6	7.46	7630	--	--	--	--	--
	04/01/2020	--	--	--	--	--	25.2	7.05	10320	--	--	--	--	--
	05/11/2020	--	--	--	--	--	26.3	7.61	89680	--	--	--	--	--
	06/02/2020	--	--	--	--	--	27.6	7.25	10180	--	--	--	--	--
ART-4/4A	01/06/2020	--	--	--	--	--	22.5	7.60	6200	--	--	--	--	--
	02/10/2020	--	--	--	--	--	22.0	7.53	7330	--	--	--	--	--
	03/05/2020	--	--	--	--	--	24.2	7.59	5690	--	--	--	--	--
	04/01/2020	--	--	--	--	--	26.3	6.77	8270	--	--	--	--	--
	05/11/2020	--	--	--	--	--	28.5	7.50	7360	--	--	--	--	--
	06/02/2020	--	--	--	--	--	28.4	7.44	7550	--	--	--	--	--
ART-6	01/15/2020	--	--	--	--	--	22.5	7.22	7430	--	--	--	--	--
	02/10/2020	--	--	--	--	--	23.6	7.00	7610	--	--	--	--	--
	03/05/2020	--	--	--	--	--	25.2	7.01	6030	--	--	--	--	--
	05/07/2020	07:23	07:44	36.0	160.0	3.2	26.6	7.06	7891	7.29	204.7	3.0	Clear	None
ART-7A/7B	01/06/2020	--	--	--	--	--	22.1	7.59	9400	--	--	--	--	--

TABLE A-2: Field Parameters
January 2020 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
ART-7A/7B	02/10/2020	--	--	--	--	--	19.6	7.60	9170	--	--	--	--	--
	03/05/2020	--	--	--	--	--	24.3	7.58	7060	--	--	--	--	--
	04/01/2020	--	--	--	--	--	24.2	7.78	9770	--	--	--	--	--
	05/11/2020	--	--	--	--	--	27.3	7.50	9320	--	--	--	--	--
	06/02/2020	--	--	--	--	--	27.5	7.40	9930	--	--	--	--	--
ART-8/8A	01/06/2020	--	--	--	--	--	23.0	7.27	11600	--	--	--	--	--
	02/10/2020	--	--	--	--	--	21.2	7.44	11970	--	--	--	--	--
	03/05/2020	--	--	--	--	--	24.6	7.38	9330	--	--	--	--	--
	04/01/2020	--	--	--	--	--	24.5	7.40	12810	--	--	--	--	--
	05/11/2020	--	--	--	--	--	26.5	7.38	12450	--	--	--	--	--
	06/02/2020	--	--	--	--	--	29.7	7.25	13050	--	--	--	--	--
ART-9	01/06/2020	--	--	--	--	--	22.7	7.51	7390	--	--	--	--	--
	02/10/2020	--	--	--	--	--	20.4	7.63	7160	--	--	--	--	--
	03/05/2020	--	--	--	--	--	23.7	7.62	6080	--	--	--	--	--
	04/01/2020	--	--	--	--	--	24.1	7.72	7730	--	--	--	--	--
	05/11/2020	--	--	--	--	--	26.5	7.66	7590	--	--	--	--	--
	06/02/2020	--	--	--	--	--	27.6	7.47	7940	--	--	--	--	--
BEC-12	05/18/2020	11:50	12:05	55.5	100.0	2.0	28.0	8.18	1569	7.15	180.6	8.2	Clear	None
C1-E	01/14/2020	--	--	0.0	--	--	16.7	7.42	2035	9.24	224.1	0.4	Clear	None
	02/05/2020	--	--	0.0	--	--	17.9	7.80	4208	9.23	173.2	3.0	Clear	None
	03/05/2020	--	--	0.0	--	--	23.7	7.88	4327	8.30	178.4	-2.2	Clear	None
	04/14/2020	--	--	0.0	--	--	22.2	7.92	4198	8.25	212.7	0.5	Clear	None
	05/01/2020	--	--	0.0	--	--	24.4	7.86	4352	7.75	197.1	2.8	Clear	None
	06/09/2020	--	--	0.0	--	--	23.9	7.99	3875	7.57	216.5	2.2	Clear	None
C1-W	01/14/2020	--	--	0.0	--	--	17.3	7.19	2999	9.14	226.9	0.2	Clear	none
	02/05/2020	--	--	0.0	--	--	19.0	7.69	4360	9.15	175.3	1.2	Clear	none
	03/05/2020	--	--	0.0	--	--	22.9	7.86	4328	8.30	183.3	2.3	Clear	None
	04/14/2020	--	--	0.0	--	--	21.9	7.87	4230	8.27	214.0	1.2	Clear	None
	05/01/2020	--	--	0.0	--	--	23.7	7.83	4412	7.73	193.2	3.2	Clear	None
	06/09/2020	--	--	0.0	--	--	23.3	7.94	4018	7.58	217.9	2.9	Clear	None
DBMW-4	05/05/2020	12:20	12:42	28.62	200.0	4.0	26.8	7.38	6690	7.06	167.3	12.5	Clear	None
DBMW-5	05/19/2020	09:06	09:23	30.0	100.0	1.7	24.0	7.51	6575	6.90	384.0	13.9	Clear	None
DBMW-7	05/19/2020	11:48	12:04	62.5	100.0	2.0	25.1	7.59	7803	6.63	327.3	9.2	Clear	None
DBMW-8	05/18/2020	12:09	12:28	58.0	60.0	1.08	30.6	7.49	7102	7.48	105.2	9.5	Clear	None
DBMW-9	05/21/2020	16:00	17:01	61.0	180.0	10.0	25.7	6.74	4806	7.62	230.8	6.2	Clear	None
DBMW-11	05/22/2020	07:25	07:42	49.0	60.0	0.9	25.8	6.79	8612	4.58	179.0	4.2	Clear	None
DBMW-13	05/21/2020	11:11	11:23	51.2	100.0	1.4	27.2	7.03	9641	7.53	369.2	168.7	Cloudy	None
DBMW-14	05/21/2020	17:09	17:34	50.0	320.0	6.72	25.7	7.59	6559	8.63	114.1	12.3	Clear	None

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Henderson, Nevada

Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
DBMW-15	05/19/2020	10:37	10:55	43.0	160.0	2.93	23.8	7.77	5023	7.94	204.4	73.4	Clear	None
DBMW-16	05/18/2020	08:51	09:04	97.0	160.0	2.08	26.2	7.74	2067	8.37	201.3	3.9	Clear	None
DBMW-17	05/18/2020	07:47	08:00	69.0	200.0	2.6	21.8	7.42	1984	7.96	211.2	6.1	Clear	None
DBMW-18	05/22/2020	12:20	12:43	55.0	180.0	4.1	24.5	7.62	1793	5.19	121.8	9.2	Clear	None
DFW-03	05/13/2020	09:28	09:53	41.5	120.0	2.88	25.2	7.25	6081	4.75	132.8	6.6	Clear	None
DFW-04	05/13/2020	10:47	11:23	46.5	150.0	5.25	25.5	7.20	8394	0.85	145.9	9.2	Clear	None
DFW-05	05/13/2020	12:19	13:24	46.5	120.0	5.4	27.6	7.18	6557	0.62	120.5	15.9	Clear	None
DFW-06	05/14/2020	07:17	07:43	45.0	75.0	1.8	23.5	6.94	4630	1.32	173.7	1.5	Clear	None
E1-1	01/07/2020	--	--	--	--	--	25.4	7.42	5210	--	--	--	--	--
	02/11/2020	--	--	--	--	--	23.1	6.73	5400	--	--	--	--	--
	03/03/2020	--	--	--	--	--	23.7	7.12	5180	--	--	--	--	--
	04/07/2020	--	--	--	--	--	24.7	6.89	5320	--	--	--	--	--
	05/05/2020	--	--	--	--	--	26.4	7.33	4940	--	--	--	--	--
	06/04/2020	--	--	--	--	--	32.2	7.03	5060	--	--	--	--	--
E1-2	01/07/2020	--	--	--	--	--	24.7	7.10	7220	--	--	--	--	--
	02/11/2020	--	--	--	--	--	21.1	6.95	7250	--	--	--	--	--
	03/03/2020	--	--	--	--	--	23.1	7.06	7200	--	--	--	--	--
	04/07/2020	--	--	--	--	--	24.6	7.00	7070	--	--	--	--	--
	05/05/2020	--	--	--	--	--	26.4	7.05	6740	--	--	--	--	--
	06/04/2020	--	--	--	--	--	32.8	6.81	7020	--	--	--	--	--
E1-3	01/07/2020	--	--	--	--	--	24.6	7.14	6570	--	--	--	--	--
	02/11/2020	--	--	--	--	--	19.9	7.23	6550	--	--	--	--	--
	03/03/2020	--	--	--	--	--	22.9	7.19	6460	--	--	--	--	--
	04/07/2020	--	--	--	--	--	24.7	7.27	6380	--	--	--	--	--
	05/05/2020	--	--	--	--	--	26.5	7.20	6200	--	--	--	--	--
	06/04/2020	--	--	--	--	--	33.9	6.80	6430	--	--	--	--	--
E2-1	01/07/2020	--	--	--	--	--	18.7	7.18	4680	--	--	--	--	--
	02/11/2020	--	--	--	--	--	21.5	7.10	4500	--	--	--	--	--
	03/03/2020	--	--	--	--	--	23.7	7.21	4460	--	--	--	--	--
	04/07/2020	--	--	--	--	--	24.3	7.27	4390	--	--	--	--	--
	05/05/2020	--	--	--	--	--	25.6	7.26	4070	--	--	--	--	--
	06/04/2020	--	--	--	--	--	29.3	7.08	4090	--	--	--	--	--
E2-2	01/07/2020	--	--	--	--	--	23.3	7.29	4760	--	--	--	--	--
	02/11/2020	--	--	--	--	--	23.0	7.17	4690	--	--	--	--	--
	03/03/2020	--	--	--	--	--	23.6	7.30	4620	--	--	--	--	--
	04/07/2020	--	--	--	--	--	24.2	7.42	4550	--	--	--	--	--
	05/05/2020	--	--	--	--	--	25.7	7.27	4350	--	--	--	--	--
	06/04/2020	--	--	--	--	--	29.4	7.07	4070	--	--	--	--	--

TABLE A-2: Field Parameters
January 2020 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
E2-3	01/07/2020	--	--	--	--	--	22.5	7.38	5430	--	--	--	--	--
	02/11/2020	--	--	--	--	--	23.2	7.24	5430	--	--	--	--	--
	03/03/2020	--	--	--	--	--	23.9	7.27	5390	--	--	--	--	--
	04/07/2020	--	--	--	--	--	23.3	7.35	5320	--	--	--	--	--
	05/05/2020	--	--	--	--	--	25.7	7.32	4970	--	--	--	--	--
	06/04/2020	--	--	--	--	--	27.8	7.12	5110	--	--	--	--	--
E2-4	01/07/2020	--	--	--	--	--	22.8	7.35	6190	--	--	--	--	--
	02/11/2020	--	--	--	--	--	21.9	7.24	6120	--	--	--	--	--
	03/03/2020	--	--	--	--	--	23.9	7.35	6150	--	--	--	--	--
	04/07/2020	--	--	--	--	--	21.9	7.62	6050	--	--	--	--	--
	05/05/2020	--	--	--	--	--	26.5	7.31	5770	--	--	--	--	--
	06/04/2020	--	--	--	--	--	27.1	7.23	5770	--	--	--	--	--
E2-5	01/07/2020	--	--	--	--	--	25.2	7.19	7590	--	--	--	--	--
	02/11/2020	--	--	--	--	--	25.8	6.93	7000	--	--	--	--	--
	03/03/2020	--	--	--	--	--	24.9	6.96	6820	--	--	--	--	--
	04/07/2020	--	--	--	--	--	24.3	7.31	6540	--	--	--	--	--
	05/05/2020	--	--	--	--	--	27.3	7.00	5950	--	--	--	--	--
	06/04/2020	--	--	--	--	--	28.3	6.93	6320	--	--	--	--	--
ES-1	05/18/2020	12:32	13:56	102.0	18.0	1.5	35.3	7.38	3411	8.88	202.8	15.9	Clear	None
ES-2	05/18/2020	08:48	09:23	51.0	300.0	9.0	26.0	7.47	6168	0.48	163.4	11.5	Clear	None
ES-3	05/18/2020	07:12	07:55	41.0	300.0	11.0	25.3	7.13	3978	0.60	68.0	2.9	Clear	None
ES-4	05/19/2020	08:20	08:56	80.0	32.0	2.5	24.1	7.19	13069	3.38	209.8	6.9	Clear	None
ES-5	05/18/2020	09:14	09:34	77.5	120.0	2.16	26.8	7.36	6963	4.58	146.9	8.8	Clear	None
ES-6	05/18/2020	12:50	13:16	65.0	180.0	4.0	31.0	7.48	4151	3.57	119.5	24.7	Clear	None
ES-7	05/19/2020	07:27	07:38	70.0	90.0	1.35	20.9	7.40	5448	1.69	136.7	2.1	Clear	None
ES-8A	05/21/2020	17:06	17:22	70.0	120.0	3.0	27.9	7.95	5873	8.47	127.5	56.5	Clear	None
ES-8B	05/21/2020	12:57	13:59	100.0	80.0	5.0	29.2	7.02	6239	5.75	335.7	7.0	Clear	None
ES-9	05/21/2020	14:17	14:39	85.0	100.0	3.1	26.6	7.90	27556	1.39	89.5	6.6	Clear	None
ES-10	05/21/2020	14:55	15:20	55.0	60.0	1.41	27.0	7.28	12882	4.65	118.6	16.2	Clear	None
ES-11	05/21/2020	16:03	16:21	45.0	75.0	1.36	27.0	7.50	7429	7.05	139.7	0.7	Clear	None
ES-12	05/19/2020	07:17	08:21	55.0	100.0	6.8	22.4	7.66	9685	6.86	392.2	18.6	Clear	None
ES-13	05/19/2020	10:06	11:13	97.5	100.0	6.6	24.5	7.67	45521	0.47	345.3	3.2	Clear	None
ES-14A	05/21/2020	12:12	12:36	60.0	50.0	1.45	29.3	7.38	6819	6.66	144.8	1.7	Clear	None
ES-14B	05/21/2020	13:35	14:09	107.5	50.0	1.92	30.0	7.64	31950	1.42	8.6	1.7	Clear	None
ES-15	05/21/2020	09:10	10:20	80.0	80.0	1.2	26.9	7.03	9969	7.29	407.4	21.5	Clear	None
ES-16	05/22/2020	07:15	08:03	90.0	6.0	2.0	28.8	7.47	22443	1.47	95.0	3.7	Clear	None
ES-17	05/22/2020	10:08	10:44	90.0	7.0	0.75	32.9	7.41	24523	2.47	31.0	5.3	Clear	None
ES-18	05/22/2020	08:40	09:03	99.0	100.0	2.2	27.2	7.32	8558	2.22	249.2	29.5	Clear	None

TABLE A-2: Field Parameters
January 2020 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
ES-19	05/22/2020	07:29	08:43	162.3	60.0	2.67	28.3	7.49	3230	1.69	115.2	19.0	Clear	None
ES-20	05/18/2020	09:42	10:12	96.0	50.0	1.65	27.0	7.72	2433	6.36	204.8	14.3	Clear	None
ES-21A	05/19/2020	12:32	12:48	40.0	210.0	3.15	25.0	7.65	5930	7.13	128.3	3.8	Clear	None
ES-21B	05/19/2020	11:51	12:08	70.0	180.0	2.7	25.2	7.52	7599	5.81	138.9	6.9	Clear	None
ES-22A	05/19/2020	12:34	12:48	45.5	180.0	2.5	24.6	7.45	5450	6.61	139.2	35.1	Clear	None
ES-22B	05/19/2020	11:25	11:39	70.0	180.0	2.5	25.2	7.68	6623	7.87	142.8	3.4	Clear	None
ES-23A	05/19/2020	10:45	11:02	40.0	90.0	1.35	24.5	7.46	5407	7.56	184.1	1.6	Clear	None
ES-23B	05/19/2020	09:23	09:39	180.0	80.0	1.2	22.2	7.73	3387	4.06	-59.0	2.0	Clear	None
ES-24	05/19/2020	09:03	09:29	69.8	200.0	5.2	23.3	7.35	22390	0.71	140.8	3.5	Clear	None
ES-25A	05/22/2020	07:44	08:02	40.0	300.0	4.5	23.0	7.54	36122	0.75	18.8	56.2	Clear	None
ES-25B	05/22/2020	08:43	09:18	70.0	250.0	7.0	24.8	7.56	60800	0.71	-76.4	95.0	Clear	Bit rancid
ES-26	05/21/2020	15:58	16:16	70.0	120.0	--	26.3	7.59	6888	4.92	162.2	9.2	Clear	None
ES-27	05/21/2020	15:54	16:22	70.0	80.0	2.27	28.5	7.63	3228	4.67	145.7	2.1	Clear	None
ES-28	05/18/2020	10:28	11:21	75.0	300.0	12.0	27.5	7.41	5770	7.42	215.8	24.8	Clear	None
ES-30	05/18/2020	14:00	14:21	83.0	175.0	3.0	31.7	7.30	12280	3.36	108.5	9.7	Clear	None
ES-31	05/18/2020	07:37	07:54	65.0	150.0	2.25	25.2	7.30	7922	4.95	160.6	5.2	Clear	None
ES-32	05/19/2020	10:49	11:26	82.0	19.0	1.5	25.7	7.44	6105	2.35	180.1	3.7	Clear	None
ES-45	05/21/2020	10:22	10:38	47.7	60.0	0.9	25.0	7.55	6470	5.69	150.2	5.3	Clear	None
ES-46	05/21/2020	14:27	14:59	187.51	100.0	3.2	33.9	7.57	86334	2.42	-9.8	9.6	Clear	None
ES-47	05/21/2020	11:27	11:53	37.5	275.0	7.2	24.7	7.43	4038	6.44	150.2	7.9	Clear	None
ES-48	05/21/2020	12:30	12:49	67.2	250.0	4.8	24.6	7.47	3571	7.02	138.8	23.2	Clear	None
ES-49	05/21/2020	16:02	16:27	123.0	50.0	1.35	31.2	8.07	1557	0.76	93.8	4.4	Clear	None
ES-50	05/21/2020	11:02	11:18	92.32	150.0	2.25	26.0	7.97	1198	1.96	165.1	1.7	Clear	None
ES-51	05/21/2020	12:05	12:22	37.6	120.0	1.8	28.1	7.66	2812	7.58	200.8	10.8	Clear	None
ES-52	05/21/2020	12:44	12:52	81.21	300.0	4.5	25.5	7.54	2348	3.52	131.0	9.2	Clear	None
H-28A	05/11/2020	11:19	11:36	42.4	280.0	4.5	27.9	6.63	17489	0.39	-17.2	14.3	Clear	None
H-56R	05/08/2020	12:37	12:53	34.0	300.0	4.5	27.7	7.26	6601	0.49	145.5	5.0	Clear	None
H-58R	05/11/2020	08:28	08:44	33.5	300.0	4.5	26.8	8.75	6929	0.52	142.5	6.2	Clear	None
HM-2	05/06/2020	07:26	07:49	32.2	400.0	8.2	23.6	7.27	6456	0.84	157.3	91.3	Clear	None
HMW-13	05/08/2020	10:10	10:43	21.0	285.0	10.0	17.4	7.45	2226	0.05	4.1	0.8	Clear	None
HMW-14	05/08/2020	09:05	09:27	26.0	300.0	6.0	19.8	7.30	3688	0.10	179.3	2.0	Clear	None
HMW-15	05/08/2020	11:37	12:06	17.4	285.0	7.5	16.3	7.33	2790	0.07	59.8	6.0	Clear	None
HMW-16	05/07/2020	07:29	07:37	15.3	180.0	1.36	24.0	6.86	7071	0.93	58.1	5.9	Clear	None
I-AA	01/09/2020	--	--	--	--	--	23.8	7.51	5100	--	--	--	--	--
	02/12/2020	--	--	--	--	--	22.3	6.69	5190	--	--	--	--	--
	03/10/2020	--	--	--	--	--	20.4	6.10	4870	--	--	--	--	--
	04/02/2020	--	--	--	--	--	24.6	6.83	4760	--	--	--	--	--
	05/14/2020	--	--	--	--	--	27.9	7.40	5150	--	--	--	--	--

TABLE A-2: Field Parameters
January 2020 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
I-AA	06/04/2020	--	--	--	--	--	33.2	7.22	4880	--	--	--	--	--
I-AB	01/09/2020	--	--	--	--	--	21.2	7.85	2560	--	--	--	--	--
	02/12/2020	--	--	--	--	--	21.7	7.35	5210	--	--	--	--	--
	03/10/2020	--	--	--	--	--	21.0	6.66	4820	--	--	--	--	--
	04/02/2020	--	--	--	--	--	24.4	7.24	4980	--	--	--	--	--
	05/14/2020	--	--	--	--	--	27.4	7.55	5060	--	--	--	--	--
	06/04/2020	--	--	--	--	--	33.3	7.29	4800	--	--	--	--	--
I-AC	01/08/2020	--	--	--	--	--	22.5	7.80	5970	--	--	--	--	--
	02/13/2020	--	--	--	--	--	21.9	7.52	7640	--	--	--	--	--
	03/09/2020	--	--	--	--	--	22.4	6.40	6470	--	--	--	--	--
	04/02/2020	--	--	--	--	--	23.2	8.01	7190	--	--	--	--	--
	05/13/2020	--	--	--	--	--	27.2	7.23	7520	--	--	--	--	--
	06/08/2020	--	--	--	--	--	22.9	7.59	7070	--	--	--	--	--
I-AD	01/08/2020	--	--	--	--	--	22.7	7.92	5970	--	--	--	--	--
	02/13/2020	--	--	--	--	--	21.6	7.57	6910	--	--	--	--	--
	03/09/2020	--	--	--	--	--	22.9	6.85	5850	--	--	--	--	--
	04/02/2020	--	--	--	--	--	23.5	7.76	6470	--	--	--	--	--
	05/13/2020	--	--	--	--	--	25.6	7.53	6750	--	--	--	--	--
	06/08/2020	--	--	--	--	--	23.8	7.68	6570	--	--	--	--	--
I-AR	01/09/2020	--	--	--	--	--	24.5	7.48	6750	--	--	--	--	--
	02/12/2020	--	--	--	--	--	24.3	7.41	6880	--	--	--	--	--
	03/10/2020	--	--	--	--	--	18.4	7.44	6490	--	--	--	--	--
	04/02/2020	--	--	--	--	--	24.9	7.55	5860	--	--	--	--	--
	05/14/2020	--	--	--	--	--	28.2	7.54	6390	--	--	--	--	--
	06/04/2020	--	--	--	--	--	33.6	7.25	6310	--	--	--	--	--
I-B	01/09/2020	--	--	--	--	--	21.0	7.27	2760	--	--	--	--	--
	02/12/2020	--	--	--	--	--	20.8	7.25	5800	--	--	--	--	--
	03/10/2020	--	--	--	--	--	19.8	6.83	5280	--	--	--	--	--
	04/02/2020	--	--	--	--	--	25.9	7.25	5430	--	--	--	--	--
	05/14/2020	--	--	--	--	--	27.1	7.24	5690	--	--	--	--	--
	06/04/2020	--	--	--	--	--	33.2	7.02	5530	--	--	--	--	--
I-C	01/09/2020	--	--	--	--	--	25.4	7.29	7580	--	--	--	--	--
	02/12/2020	--	--	--	--	--	24.8	7.40	7930	--	--	--	--	--
	03/10/2020	--	--	--	--	--	22.5	7.40	7260	--	--	--	--	--
	04/02/2020	--	--	--	--	--	23.7	7.55	7110	--	--	--	--	--
	05/14/2020	--	--	--	--	--	26.9	7.56	7750	--	--	--	--	--
	06/09/2020	--	--	--	--	--	27.6	7.16	7770	--	--	--	--	--
I-D	01/09/2020	--	--	--	--	--	25.6	7.40	8280	--	--	--	--	--

TABLE A-2: Field Parameters
January 2020 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
I-D	02/12/2020	--	--	--	--	--	24.5	7.62	8800	--	--	--	--	--
	03/10/2020	--	--	--	--	--	20.0	7.69	8090	--	--	--	--	--
	04/02/2020	--	--	--	--	--	24.4	7.74	7950	--	--	--	--	--
	05/14/2020	--	--	--	--	--	27.9	8.60	8420	--	--	--	--	--
	06/09/2020	--	--	--	--	--	27.7	7.51	8490	--	--	--	--	--
I-E	01/09/2020	--	--	--	--	--	25.6	7.13	7910	--	--	--	--	--
	02/12/2020	--	--	--	--	--	24.5	7.47	8210	--	--	--	--	--
	03/10/2020	--	--	--	--	--	20.0	7.56	7490	--	--	--	--	--
	04/02/2020	--	--	--	--	--	24.4	7.63	7290	--	--	--	--	--
	05/14/2020	--	--	--	--	--	27.9	7.53	7750	--	--	--	--	--
06/09/2020	--	--	--	--	--	27.7	7.60	7790	--	--	--	--	--	
I-F	01/09/2020	--	--	--	--	--	25.2	7.32	9300	--	--	--	--	--
	02/12/2020	--	--	--	--	--	23.1	7.63	9480	--	--	--	--	--
	03/10/2020	--	--	--	--	--	20.1	7.41	8940	--	--	--	--	--
	04/02/2020	--	--	--	--	--	23.2	7.66	8600	--	--	--	--	--
	05/14/2020	--	--	--	--	--	27.8	7.49	9020	--	--	--	--	--
06/09/2020	--	--	--	--	--	27.1	7.60	8990	--	--	--	--	--	
I-G	01/13/2020	--	--	--	--	--	27.5	7.37	10650	--	--	--	--	--
	02/13/2020	--	--	--	--	--	26.3	7.28	10790	--	--	--	--	--
	03/11/2020	--	--	--	--	--	22.6	6.90	10270	--	--	--	--	--
	04/02/2020	--	--	--	--	--	27.4	7.56	10170	--	--	--	--	--
	05/13/2020	--	--	--	--	--	29.6	7.23	10590	--	--	--	--	--
06/09/2020	--	--	--	--	--	30.6	7.36	10810	--	--	--	--	--	
I-H	01/13/2020	--	--	--	--	--	23.8	7.28	10830	--	--	--	--	--
	02/13/2020	--	--	--	--	--	26.6	7.22	10720	--	--	--	--	--
	03/11/2020	--	--	--	--	--	22.0	7.25	10160	--	--	--	--	--
	04/02/2020	--	--	--	--	--	25.7	7.80	9870	--	--	--	--	--
	05/13/2020	--	--	--	--	--	27.9	7.50	10450	--	--	--	--	--
06/09/2020	--	--	--	--	--	30.2	7.60	10460	--	--	--	--	--	
I-I	01/08/2020	--	--	--	--	--	23.4	7.57	6860	--	--	--	--	--
	02/13/2020	--	--	--	--	--	23.3	7.68	7880	--	--	--	--	--
	03/09/2020	--	--	--	--	--	23.4	7.56	6710	--	--	--	--	--
	04/02/2020	--	--	--	--	--	22.7	8.11	7290	--	--	--	--	--
	05/13/2020	--	--	--	--	--	26.4	7.06	7670	--	--	--	--	--
06/08/2020	--	--	--	--	--	25.5	7.40	7700	--	--	--	--	--	
I-J	01/08/2020	--	--	--	--	--	23.1	7.89	6030	--	--	--	--	--
	02/13/2020	--	--	--	--	--	23.2	7.57	6900	--	--	--	--	--
	03/09/2020	--	--	--	--	--	23.1	7.26	6000	--	--	--	--	--

TABLE A-2: Field Parameters
January 2020 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
I-J	04/02/2020	--	--	--	--	--	23.8	7.84	6310	--	--	--	--	--
	05/13/2020	--	--	--	--	--	26.8	7.04	6640	--	--	--	--	--
	06/08/2020	--	--	--	--	--	24.3	7.69	6280	--	--	--	--	--
I-K	01/08/2020	--	--	--	--	--	23.9	7.86	6410	--	--	--	--	--
	02/13/2020	--	--	--	--	--	22.4	7.42	7340	--	--	--	--	--
	03/09/2020	--	--	--	--	--	25.0	7.03	6600	--	--	--	--	--
	04/02/2020	--	--	--	--	--	25.0	7.71	6910	--	--	--	--	--
	05/13/2020	--	--	--	--	--	29.8	7.18	7560	--	--	--	--	--
	06/08/2020	--	--	--	--	--	24.7	7.57	6890	--	--	--	--	--
I-L	01/09/2020	--	--	--	--	--	25.3	7.21	6220	--	--	--	--	--
	02/12/2020	--	--	--	--	--	24.6	7.27	6390	--	--	--	--	--
	03/10/2020	--	--	--	--	--	19.3	7.29	6090	--	--	--	--	--
	04/02/2020	--	--	--	--	--	26.1	7.51	6020	--	--	--	--	--
	05/14/2020	--	--	--	--	--	27.6	7.47	6470	--	--	--	--	--
	06/04/2020	--	--	--	--	--	31.3	7.21	6140	--	--	--	--	--
I-M	01/09/2020	--	--	--	--	--	24.5	7.41	7830	--	--	--	--	--
	02/12/2020	--	--	--	--	--	23.1	7.71	8110	--	--	--	--	--
	03/10/2020	--	--	--	--	--	20.2	7.68	7460	--	--	--	--	--
	04/02/2020	--	--	--	--	--	24.9	7.64	7330	--	--	--	--	--
	05/14/2020	--	--	--	--	--	27.7	7.69	7800	--	--	--	--	--
	06/09/2020	--	--	--	--	--	26.4	7.68	7610	--	--	--	--	--
I-N	01/09/2020	--	--	--	--	--	30.3	7.18	7750	--	--	--	--	--
	02/12/2020	--	--	--	--	--	29.8	7.51	8180	--	--	--	--	--
	03/10/2020	--	--	--	--	--	27.7	7.56	7940	--	--	--	--	--
	04/02/2020	--	--	--	--	--	28.8	7.60	7550	--	--	--	--	--
	05/14/2020	--	--	--	--	--	28.4	7.40	8250	--	--	--	--	--
	06/09/2020	--	--	--	--	--	28.6	7.42	8160	--	--	--	--	--
I-O	01/13/2020	--	--	--	--	--	24.4	7.52	10110	--	--	--	--	--
	02/13/2020	--	--	--	--	--	25.1	7.61	9730	--	--	--	--	--
	03/11/2020	--	--	--	--	--	23.5	7.39	9420	--	--	--	--	--
	04/02/2020	--	--	--	--	--	23.5	7.68	9600	--	--	--	--	--
	05/13/2020	--	--	--	--	--	29.8	7.29	10080	--	--	--	--	--
	06/09/2020	--	--	--	--	--	29.4	7.45	10150	--	--	--	--	--
I-P	01/13/2020	--	--	--	--	--	24.4	7.10	10820	--	--	--	--	--
	02/13/2020	--	--	--	--	--	25.3	7.26	10480	--	--	--	--	--
	03/11/2020	--	--	--	--	--	22.9	7.15	10100	--	--	--	--	--
	04/02/2020	--	--	--	--	--	26.0	7.68	9830	--	--	--	--	--
	05/13/2020	--	--	--	--	--	28.1	7.39	10510	--	--	--	--	--

TABLE A-2: Field Parameters
January 2020 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
I-P	06/09/2020	--	--	--	--	--	28.6	7.44	10570	--	--	--	--	--
I-Q	01/13/2020	--	--	--	--	--	27.9	7.31	10630	--	--	--	--	--
	02/13/2020	--	--	--	--	--	23.7	7.64	10560	--	--	--	--	--
	03/11/2020	--	--	--	--	--	22.2	6.57	10470	--	--	--	--	--
	04/02/2020	--	--	--	--	--	26.9	7.74	10050	--	--	--	--	--
	05/13/2020	--	--	--	--	--	28.5	6.96	10720	--	--	--	--	--
	06/09/2020	--	--	--	--	--	28.8	7.64	10460	--	--	--	--	--
I-R	01/09/2020	--	--	--	--	--	25.4	7.11	6610	--	--	--	--	--
	02/12/2020	--	--	--	--	--	21.7	7.35	6990	--	--	--	--	--
	03/10/2020	--	--	--	--	--	20.7	6.94	6420	--	--	--	--	--
	04/02/2020	--	--	--	--	--	26.7	7.22	6390	--	--	--	--	--
	05/14/2020	--	--	--	--	--	29.1	7.21	6680	--	--	--	--	--
	06/04/2020	--	--	--	--	--	34.2	7.11	6550	--	--	--	--	--
I-S	01/09/2020	--	--	--	--	--	23.9	7.27	6570	--	--	--	--	--
	02/12/2020	--	--	--	--	--	22.9	7.32	6770	--	--	--	--	--
	03/10/2020	--	--	--	--	--	20.1	7.36	6280	--	--	--	--	--
	04/02/2020	--	--	--	--	--	24.4	7.51	6220	--	--	--	--	--
	05/14/2020	--	--	--	--	--	28.3	7.33	6790	--	--	--	--	--
	06/04/2020	--	--	--	--	--	30.5	7.30	6730	--	--	--	--	--
I-T	01/13/2020	--	--	--	--	--	24.5	7.23	11440	--	--	--	--	--
	02/13/2020	--	--	--	--	--	27.4	7.24	11320	--	--	--	--	--
	03/11/2020	--	--	--	--	--	22.4	7.03	10590	--	--	--	--	--
	04/02/2020	--	--	--	--	--	28.8	7.47	10400	--	--	--	--	--
	05/13/2020	--	--	--	--	--	29.7	7.21	10930	--	--	--	--	--
	06/09/2020	--	--	--	--	--	30.1	7.47	11020	--	--	--	--	--
I-U	01/13/2020	--	--	--	--	--	25.4	7.24	11770	--	--	--	--	--
	02/13/2020	--	--	--	--	--	27.3	7.32	11650	--	--	--	--	--
	03/11/2020	--	--	--	--	--	23.6	7.19	10830	--	--	--	--	--
	04/02/2020	--	--	--	--	--	26.0	7.63	10590	--	--	--	--	--
	05/13/2020	--	--	--	--	--	30.0	7.34	11150	--	--	--	--	--
	06/09/2020	--	--	--	--	--	30.3	7.33	11410	--	--	--	--	--
I-V	01/08/2020	--	--	--	--	--	23.6	7.46	8170	--	--	--	--	--
	02/13/2020	--	--	--	--	--	23.6	7.03	9100	--	--	--	--	--
	03/09/2020	--	--	--	--	--	23.1	7.59	8000	--	--	--	--	--
	04/02/2020	--	--	--	--	--	24.0	8.15	8770	--	--	--	--	--
	05/13/2020	--	--	--	--	--	25.9	7.24	9050	--	--	--	--	--
	06/08/2020	--	--	--	--	--	26.8	6.97	9190	--	--	--	--	--
I-W	01/13/2020	--	--	--	--	--	23.6	7.59	10140	--	--	--	--	--

TABLE A-2: Field Parameters
January 2020 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
I-W	02/13/2020	--	--	--	--	--	25.4	7.57	10080	--	--	--	--	--
	03/11/2020	--	--	--	--	--	22.3	7.34	9590	--	--	--	--	--
	04/02/2020	--	--	--	--	--	27.1	7.64	9590	--	--	--	--	--
	05/13/2020	--	--	--	--	--	29.2	7.39	10190	--	--	--	--	--
	06/09/2020	--	--	--	--	--	29.7	7.44	10230	--	--	--	--	--
I-X	01/09/2020	--	--	--	--	--	24.8	7.47	8530	--	--	--	--	--
	02/12/2020	--	--	--	--	--	23.8	7.57	8970	--	--	--	--	--
	03/10/2020	--	--	--	--	--	20.8	7.44	8620	--	--	--	--	--
	04/02/2020	--	--	--	--	--	22.5	7.74	8340	--	--	--	--	--
	05/14/2020	--	--	--	--	--	27.1	7.55	8840	--	--	--	--	--
	06/09/2020	--	--	--	--	--	27.3	7.60	8800	--	--	--	--	--
I-Y	01/09/2020	--	--	--	--	--	23.3	7.22	6620	--	--	--	--	--
	02/12/2020	--	--	--	--	--	23.8	7.42	6370	--	--	--	--	--
	03/10/2020	--	--	--	--	--	20.1	7.19	6190	--	--	--	--	--
	04/02/2020	--	--	--	--	--	25.3	7.44	6130	--	--	--	--	--
	05/14/2020	--	--	--	--	--	27.7	7.29	6460	--	--	--	--	--
	06/04/2020	--	--	--	--	--	32.7	7.21	6290	--	--	--	--	--
I-Z	01/08/2020	--	--	--	--	--	24.0	7.80	6160	--	--	--	--	--
	02/13/2020	--	--	--	--	--	22.0	7.76	7220	--	--	--	--	--
	03/09/2020	--	--	--	--	--	23.2	7.47	6220	--	--	--	--	--
	04/02/2020	--	--	--	--	--	23.0	8.03	6850	--	--	--	--	--
	05/13/2020	--	--	--	--	--	26.6	7.22	7230	--	--	--	--	--
	06/08/2020	--	--	--	--	--	24.9	7.69	7040	--	--	--	--	--
LVW 0.55	01/13/2020	--	--	0.8	--	--	15.7	7.84	2087	9.75	100.2	1.0	Clear	None
	02/05/2020	--	--	1.0	--	--	12.0	8.00	2081	10.92	234.6	4.7	Clear	None
	03/05/2020	--	--	1.7	--	--	17.9	8.12	2083	9.19	123.3	2.5	Clear	None
	04/14/2020	--	--	0.8	--	--	18.1	7.78	1747	9.14	99.9	2.8	Clear	None
	05/01/2020	--	--	1.0	--	--	27.5	8.44	2185	8.37	171.3	0.0	Clear	None
	06/09/2020	--	--	1.1	--	--	25.6	8.57	1909	7.82	203.1	3.7	Clear	None
LVW 3.5-1	01/13/2020	--	--	1.4	--	--	15.8	7.89	2041	9.55	128.5	0.8	Clear	None
	02/05/2020	--	--	0.8	--	--	12.2	8.06	2085	10.52	192.8	3.1	Clear	None
	03/05/2020	--	--	0.7	--	--	17.4	8.04	2076	8.82	128.2	1.0	Clear	None
	04/14/2020	--	--	1.9	--	--	17.3	7.96	2012	8.81	129.6	0.8	Clear	None
	05/01/2020	--	--	1.7	--	--	27.2	8.30	2179	8.97	196.2	1.7	Clear	None
	06/09/2020	--	--	1.5	--	--	25.4	8.33	1905	8.25	202.0	2.0	Clear	None
LVW 3.5-2	01/13/2020	--	--	1.2	--	--	15.8	7.88	2043	9.53	99.7	0.2	Clear	None
	02/05/2020	--	--	1.2	--	--	12.3	7.98	2106	10.58	213.7	3.2	Clear	None
	03/05/2020	--	--	0.8	--	--	17.6	8.02	2063	8.85	130.7	0.8	Clear	None

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Nevada Environmental Response Trust Site
Henderson, Nevada

Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
LVW 3.5-2	04/14/2020	--	--	1.1	--	--	17.1	7.93	2025	8.84	138.7	1.0	Clear	None
	05/01/2020	--	--	0.9	--	--	26.0	8.36	2178	9.40	193.0	1.7	Clear	None
	06/09/2020	--	--	0.8	--	--	25.0	8.32	1888	8.27	206.3	2.1	Clear	None
LVW 3.5-3	01/13/2020	--	--	1.8	--	--	15.8	7.92	2039	9.55	96.3	0.5	Clear	None
	02/05/2020	--	--	2.3	--	--	12.8	7.99	2102	10.52	210.0	2.2	Clear	None
	03/05/2020	--	--	1.5	--	--	17.8	8.01	2061	8.87	135.3	6.3	Clean	None
	04/14/2020	--	--	1.5	--	--	17.0	7.95	2032	8.85	142.3	0.9	Clear	None
	05/01/2020	--	--	1.7	--	--	25.1	8.39	2168	9.04	187.0	1.7	Clear	None
	06/09/2020	--	--	1.5	--	--	25.0	8.33	1880	8.30	206.8	2.2	Clear	None
LVW 3.5-4	01/13/2020	--	--	2.1	--	--	15.9	7.93	2039	9.58	95.7	0.1	Clear	None
	02/05/2020	--	--	2.0	--	--	12.9	8.00	2097	10.53	211.6	3.0	Clear	None
	03/05/2020	--	--	1.7	--	--	17.7	8.00	2063	8.86	133.9	1.2	Clean	None
	04/14/2020	--	--	1.3	--	--	17.1	7.95	2032	8.90	146.0	2.6	Clear	None
	05/01/2020	--	--	1.3	--	--	25.6	8.38	2156	8.91	182.8	1.5	Clear	None
	06/09/2020	--	--	1.2	--	--	25.4	8.33	1878	8.32	207.0	1.8	Clear	None
LVW 3.5-5	01/13/2020	--	--	2.0	--	--	16.0	7.94	2034	9.54	92.1	0.2	Clear	None
	02/05/2020	--	--	1.9	--	--	12.8	8.00	2087	10.47	209.8	2.2	Clear	None
	03/05/2020	--	--	1.8	--	--	17.7	8.02	2066	8.88	139.8	0.1	Clean	None
	04/14/2020	--	--	1.7	--	--	17.2	7.95	2014	8.94	148.4	1.2	Clear	None
	05/01/2020	--	--	1.7	--	--	24.8	8.38	2162	9.30	178.1	1.5	Clear	None
	06/09/2020	--	--	1.7	--	--	25.4	8.32	1879	8.32	207.9	2.1	Clear	None
LVW 3.5-6	01/13/2020	--	--	1.8	--	--	16.4	7.94	2030	9.49	91.7	0.1	Clear	None
	02/05/2020	--	--	1.8	--	--	13.1	7.96	2086	10.45	211.7	2.1	Clear	None
	03/05/2020	--	--	1.5	--	--	18.0	8.01	2058	8.73	142.1	1.0	Clean	None
	04/14/2020	--	--	1.9	--	--	17.3	7.95	2020	8.86	149.8	17.7	Clear	None
	05/01/2020	--	--	1.7	--	--	25.3	8.37	2153	9.16	168.7	1.9	Clear	None
	06/09/2020	--	--	1.5	--	--	25.4	8.33	1877	8.34	207.7	2.0	Clear	None
LVW 4.2-1	01/13/2020	--	--	1.4	--	--	16.7	7.90	2079	9.11	133.9	0.7	Clear	None
	02/05/2020	--	--	1.3	--	--	13.2	7.94	2133	10.23	197.1	3.8	Clear	None
	03/05/2020	--	--	1.2	--	--	19.0	7.89	2096	8.29	133.4	6.0	Clean	None
	04/14/2020	--	--	1.5	--	--	18.2	7.88	2059	8.57	179.0	4.2	Clear	None
	05/01/2020	--	--	1.6	--	--	26.7	8.24	2207	8.31	189.3	1.0	Clear	None
	06/09/2020	--	--	1.2	--	--	24.6	8.40	1907	8.55	202.5	3.3	Clear	None
LVW 4.2-2	01/13/2020	--	--	2.4	--	--	16.6	7.89	2075	9.38	126.6	0.6	Clear	None
	02/05/2020	--	--	2.1	--	--	13.7	7.89	2122	10.27	196.7	2.7	Clear	None
	03/05/2020	--	--	2.0	--	--	19.1	7.94	2100	8.47	138.2	0.2	Clean	None
	04/14/2020	--	--	2.1	--	--	18.4	7.90	2057	8.67	185.2	1.0	Clear	None
	05/01/2020	--	--	2.6	--	--	26.0	8.19	2154	8.44	188.2	1.6	Clear	None

TABLE A-2: Field Parameters
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Nevada Environmental Response Trust Site
Henderson, Nevada

Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
LVW 4.2-2	06/09/2020	--	--	2.2	--	--	24.8	8.31	1867	8.07	203.2	1.9	Clear	None
LVW 4.2-3	01/13/2020	--	--	2.5	--	--	16.6	7.92	2040	9.50	116.7	0.4	Clear	None
	02/05/2020	--	--	2.6	--	--	14.0	7.93	2106	10.33	198.0	4.4	Clear	None
	03/05/2020	--	--	2.8	--	--	19.4	8.02	2076	8.79	146.2	0.5	Clear	None
	04/14/2020	--	--	3.2	--	--	18.3	7.94	2035	8.84	184.9	0.9	Clear	None
	05/01/2020	--	--	2.9	--	--	25.7	8.21	2143	8.65	190.9	2.0	Clear	None
	06/09/2020	--	--	2.4	--	--	25.0	8.28	1857	7.98	203.2	2.4	Clear	None
LVW 4.2-4	01/13/2020	--	--	1.8	--	--	16.5	7.90	2033	9.42	108.4	0.1	Clear	None
	02/05/2020	--	--	1.8	--	--	14.2	7.94	2085	10.30	198.0	2.9	Clear	None
	03/05/2020	--	--	1.5	--	--	19.4	8.00	2051	8.59	135.5	0.7	Clear	None
	04/14/2020	--	--	1.7	--	--	18.5	7.95	2019	8.62	183.9	0.5	Clear	None
	05/01/2020	--	--	1.6	--	--	25.7	8.20	2129	8.44	195.4	1.0	Clear	None
	06/09/2020	--	--	1.7	--	--	25.3	8.26	1852	8.13	203.4	2.8	Clear	None
LVW 4.75-1	01/13/2020	--	--	1.0	--	--	16.7	7.94	2087	9.25	138.6	2.1	Clear	None
	02/05/2020	--	--	0.9	--	--	14.7	7.99	2162	10.07	191.7	7.9	Clear	None
	03/05/2020	--	--	1.1	--	--	21.1	8.13	2134	8.68	150.3	2.0	Clear	None
	04/14/2020	--	--	0.8	--	--	18.7	7.99	2096	8.84	174.0	3.3	Clear	None
	05/01/2020	--	--	0.9	--	--	26.2	8.14	2150	7.90	191.5	1.1	Clear	None
	06/09/2020	--	--	0.8	--	--	24.8	8.33	1904	7.73	208.3	4.9	Clear	None
LVW 4.75-2	01/13/2020	--	--	1.1	--	--	16.9	7.91	2098	9.31	135.5	0.3	Clear	None
	02/05/2020	--	--	1.0	--	--	15.1	7.97	2148	10.03	192.9	22.1	Clear	None
	03/05/2020	--	--	0.9	--	--	20.9	8.10	2129	8.75	156.0	0.1	Clear	None
	04/14/2020	--	--	1.3	--	--	18.9	8.01	2092	8.90	176.8	1.0	Clear	None
	05/01/2020	--	--	0.9	--	--	25.2	8.18	2184	8.55	191.3	1.5	Clear	None
	06/09/2020	--	--	1.0	--	--	24.3	8.23	1907	7.79	209.6	2.3	Clear	None
LVW 4.75-3	01/13/2020	--	--	0.8	--	--	17.0	7.94	2078	9.41	132.4	0.4	Clear	None
	02/05/2020	--	--	0.8	--	--	14.8	8.01	2127	10.20	194.3	17.6	Clear	None
	03/05/2020	--	--	0.8	--	--	20.8	8.16	2102	8.90	163.6	1.2	Clear	None
	04/14/2020	--	--	0.8	--	--	18.6	8.03	2078	9.02	180.6	0.6	Clear	None
	05/01/2020	--	--	0.8	--	--	25.5	8.28	2149	9.28	193.0	0.4	Clear	None
	06/09/2020	--	--	1.0	--	--	24.4	8.24	1881	7.95	209.4	2.3	Clear	None
LVW 4.75-4	01/13/2020	--	--	1.0	--	--	16.8	7.98	2062	9.49	130.5	0.4	Clear	None
	02/05/2020	--	--	1.0	--	--	14.7	8.02	2117	10.17	195.0	17.5	Clear	None
	03/05/2020	--	--	1.0	--	--	20.7	8.11	2097	8.91	168.0	1.0	Clear	None
	04/14/2020	--	--	1.3	--	--	18.9	8.05	2053	8.99	182.5	0.2	Clear	None
	05/01/2020	--	--	1.1	--	--	25.2	8.31	2139	8.69	196.4	1.5	Clear	None
	06/09/2020	--	--	1.2	--	--	24.5	8.25	1858	7.87	209.0	2.6	Clear	None
LVW 4.75-5	01/13/2020	--	--	0.8	--	--	16.9	7.95	2070	9.63	130.1	0.3	Clear	None

TABLE A-2: Field Parameters
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Henderson, Nevada

Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
LVW 4.75-5	02/05/2020	--	--	0.8	--	--	14.7	8.00	2129	10.26	196.0	11.3	Clear	None
	03/05/2020	--	--	0.7	--	--	20.7	8.16	2090	8.98	165.7	0.7	Clear	None
	04/14/2020	--	--	1.0	--	--	19.1	8.04	2057	8.97	183.9	0.1	Clear	None
	05/01/2020	--	--	0.8	--	--	25.1	8.25	2132	8.61	198.8	1.7	Clear	None
	06/09/2020	--	--	1.1	--	--	23.9	8.24	1863	7.93	208.7	2.0	Clear	None
LVW 5.3-1	01/13/2020	--	--	3.0	--	--	17.1	8.02	2068	9.78	137.8	0.6	Clear	None
	02/05/2020	--	--	3.0	--	--	16.4	8.05	2126	10.13	196.9	20.0	Clear	None
	03/05/2020	--	--	3.0	--	--	22.3	8.23	2142	8.57	160.7	-0.7	Clear	None
	04/14/2020	--	--	2.8	--	--	21.4	8.10	2123	9.00	176.9	0.3	Clear	None
	05/01/2020	--	--	2.8	--	--	27.4	8.11	2229	8.34	186.8	1.3	Clear	None
	06/09/2020	--	--	2.8	--	--	25.4	8.31	1945	7.86	174.3	6.1	Clear	None
LVW 5.3-2	01/13/2020	--	--	0.5	--	--	17.7	8.02	2077	9.63	134.6	0.2	Clear	None
	02/05/2020	--	--	1.2	--	--	16.2	8.05	2117	10.03	198.3	27.9	Clear	None
	03/05/2020	--	--	0.8	--	--	22.4	8.21	2126	8.78	163.4	-0.0	Clear	None
	04/14/2020	--	--	0.5	--	--	20.3	8.09	2095	8.98	177.0	0.2	Clear	None
	05/01/2020	--	--	0.5	--	--	26.1	8.24	2145	9.06	183.4	2.1	Clear	None
	06/09/2020	--	--	0.2	--	--	24.9	8.35	1854	8.43	177.1	2.0	Clear	None
LVW 5.3-3	01/13/2020	--	--	0.4	--	--	17.8	8.01	2093	9.80	128.0	0	Clear	None
	02/05/2020	--	--	0.8	--	--	16.3	8.05	2121	10.09	198.4	23.9	Clear	None
	03/05/2020	--	--	0.5	--	--	22.5	8.20	2120	8.79	168.0	-0.2	Clear	None
	04/14/2020	--	--	0.6	--	--	20.3	8.07	2070	8.96	174.2	0.2	Clear	None
	05/01/2020	--	--	0.5	--	--	26.1	8.31	2124	8.85	185.2	1.7	Clear	None
	06/09/2020	--	--	0.5	--	--	24.9	8.38	1855	8.35	180.8	2.2	Clear	None
LVW 5.3-4	01/13/2020	--	--	0.5	--	--	17.6	8.03	2090	9.76	122.6	0.0	Clear	None
	02/05/2020	--	--	2.1	--	--	16.2	8.05	2124	10.20	199.0	22.2	Clear	None
	03/05/2020	--	--	0.6	--	--	23.1	8.20	2112	9.17	172.4	0.6	Clear	None
	04/14/2020	--	--	0.5	--	--	21.2	8.28	2041	9.92	167.2	0.8	Clear	None
	05/01/2020	--	--	0.3	--	--	26.0	8.37	2114	9.91	185.3	1.9	Clear	None
	06/09/2020	--	--	0.2	--	--	25.2	8.43	1829	8.44	182.6	1.7	Clear	None
LVW 5.3-5	01/13/2020	--	--	0.6	--	--	17.6	8.03	2087	9.79	121.9	0	Clear	None
	02/05/2020	--	--	0.6	--	--	16.5	8.02	2124	10.19	199.5	23.7	Clear	None
	03/05/2020	--	--	0.6	--	--	22.6	8.16	2108	8.84	174.2	1.7	Clear	None
	04/14/2020	--	--	0.5	--	--	20.7	8.23	2043	9.29	167.0	0.7	Clear	None
	05/01/2020	--	--	0.4	--	--	25.8	8.40	2117	9.32	185.9	1.8	Clear	None
	06/09/2020	--	--	0.3	--	--	25.3	8.44	1832	8.43	184.7	1.7	Clear	None
LVW 5.3-6	01/13/2020	--	--	0.5	--	--	17.3	8.04	2082	9.94	121.7	0	Clear	None
	02/05/2020	--	--	0.5	--	--	15.1	8.01	2128	10.31	200.2	28.7	Clear	None
	03/05/2020	--	--	1.3	--	--	21.4	8.18	2122	9.14	173.0	2.9	Clear	None

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Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
LVW 5.3-6	04/14/2020	--	--	0.6	--	--	19.5	8.18	2050	9.43	164.5	0.5	Clear	None
	05/01/2020	--	--	0.3	--	--	24.8	8.34	2122	8.69	189.1	1.7	Clear	None
	06/09/2020	--	--	0.6	--	--	23.8	8.41	1835	8.71	187.4	1.8	Clear	None
LVW 6.05	01/14/2020	--	--	0.6	--	--	16.1	7.74	2059	9.90	162.7	0	Clear	None
	02/05/2020	--	--	0.7	--	--	13.4	8.02	2106	10.12	152.6	12.1	Clear	None
	03/06/2020	--	--	0.5	--	--	17.9	7.85	2263	8.20	110.0	-0.4	Clear	None
	04/14/2020	--	--	0.6	--	--	21.4	8.31	2206	9.93	185.8	0.8	Clear	None
	05/01/2020	--	--	0.7	--	--	23.2	8.04	2078	9.23	188.0	1.8	Clear	None
	06/09/2020	--	--	0.5	--	--	22.8	8.12	1850	8.49	207.1	3.3	Clear	None
LVW 6.6-1	01/14/2020	--	--	1.2	--	--	15.8	7.76	2255	9.94	159.9	0.0	Clear	None
	02/05/2020	--	--	1.4	--	--	14.3	7.77	2372	9.83	184.4	3.7	Clear	None
	03/06/2020	--	--	1.1	--	--	18.0	7.89	2335	8.10	123.3	0.8	Clear	None
	04/14/2020	--	--	1.2	--	--	21.7	8.38	2145	9.30	187.6	0.3	Clear	None
	05/01/2020	--	--	1.3	--	--	22.9	7.89	2250	7.85	192.9	1.4	Clear	None
	06/09/2020	--	--	1.3	--	--	23.4	8.09	1851	7.56	204.7	2.7	Clear	None
LVW 6.6-2	01/14/2020	--	--	2.3	--	--	16.3	7.87	1820	10.08	152.2	0	Clear	None
	02/05/2020	--	--	1.7	--	--	15.4	7.88	1961	9.92	183.0	2.4	Clear	None
	03/06/2020	--	--	1.3	--	--	18.3	7.97	1970	8.46	121.0	0.2	Clear	None
	04/14/2020	--	--	3.0	--	--	21.7	8.45	2020	9.61	187.9	0.5	Clear	None
	05/01/2020	--	--	2.9	--	--	22.7	7.94	1971	8.48	190.8	1.3	Clear	None
	06/09/2020	--	--	2.8	--	--	22.9	8.08	1725	7.83	203.6	3.1	Clear	None
LVW 6.6-3	01/14/2020	--	--	0.4	--	--	16.1	7.93	1686	10.08	143.9	0	Clear	None
	02/05/2020	--	--	0.5	--	--	14.7	7.86	1815	9.81	183.7	4.3	Clear	None
	03/06/2020	--	--	0.5	--	--	17.2	7.94	1784	8.33	125.6	2.1	Clear	None
	04/14/2020	--	--	0.5	--	--	21.7	8.43	2097	9.54	190.6	0.1	Clear	None
	05/01/2020	--	--	0.7	--	--	22.5	7.96	1842	7.77	191.6	0.3	Clear	None
	06/09/2020	--	--	0.7	--	--	22.5	8.08	1628	7.84	203.4	3.0	Clear	None
LVW 7.2	01/14/2020	--	--	0.7	--	--	17.3	8.03	1950	11.01	137.9	0.2	Clear	None
	02/05/2020	--	--	0.7	--	--	15.9	8.15	2145	10.69	176.2	4.1	Clear	None
	03/06/2020	--	--	0.7	--	--	20.2	8.07	1999	9.75	136.3	1.3	Clear	None
	04/16/2020	--	--	0.9	--	--	19.9	7.61	1848	8.81	216.8	2.5	Clear	None
	05/01/2020	--	--	1.0	--	--	22.7	7.84	2163	7.80	172.0	0.2	Clear	None
	06/09/2020	--	--	1.1	--	--	23.2	7.97	1702	7.90	193.2	3.5	Clear	None
LVW 8.85	01/14/2020	--	--	0.7	--	--	18.6	7.88	1610	9.95	156.2	0	Clear	None
	02/05/2020	--	--	1.0	--	--	18.7	7.61	1724	9.75	191.7	7.5	Clear	None
	03/06/2020	--	--	0.5	--	--	22.1	7.61	1773	8.68	152.0	-2.1	Clear	None
	04/16/2020	--	--	0.9	--	--	21.5	7.79	1847	9.12	162.7	9.0	Clear	None
	05/01/2020	--	--	0.4	--	--	24.1	7.87	1802	7.64	191.1	1.2	Clear	None

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Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
LVW 8.85	06/09/2020	--	--	0.4	--	--	23.4	7.84	1522	7.70	224.6	4.0	Clear	None
LVWPS-MW102A	05/21/2020	10:53	11:24	57.0	280.0	8.68	23.5	7.40	13701	0.48	56.9	438.3	Clear	None
LVWPS-MW102B	05/21/2020	09:53	10:16	86.0	50.0	2.9	24.6	7.24	63920	0.79	-193.3	347.8	Clear	None
LVWPS-MW105	05/21/2020	12:42	13:10	21.0	320.0	8.96	23.2	7.02	7708	0.54	75.0	22.9	Clear	None
LVWPS-MW201A	05/21/2020	08:08	08:26	33.0	300.0	5.1	23.3	7.16	3752	0.78	132.0	0.1	Clear	None
LVWPS-MW201B	05/19/2020	09:10	09:36	70.0	60.0	1.56	25.1	7.59	15135	1.72	162.0	225.1	Clear	None
LVWPS-MW224A	05/21/2020	10:40	11:05	65.0	300.0	7.8	25.6	7.57	3807	5.88	195.3	149.3	Clear	None
LVWPS-MW224B	05/21/2020	13:10	13:32	116.5	150.0	3.3	27.7	7.00	7177	1.16	6.6	35.2	Clear	None
M-2A	05/13/2020	09:23	09:40	42.9	150.0	2.3	25.3	7.31	8125	5.31	176.4	19.7	Clear	None
M-5A	05/14/2020	07:19	07:35	45.0	160.0	4.16	24.5	6.67	20885	0.76	-91.2	3.6	Clear	None
M-6A	05/11/2020	13:24	13:37	40.7	160.0	2.1	28.9	6.86	14315	0.93	108.4	8.7	Clear	None
M-7B	05/11/2020	13:50	14:21	44.0	180.0	5.5	26.8	7.15	10744	0.77	95.0	16.6	Clear	None
M-10	02/04/2020	10:19	10:41	59.01	210.0	5.4	21.1	7.24	2931	0.47	-209.9	8.1	Clear	No
	05/18/2020	10:13	10:49	58.4	100.0	3.5	25.9	6.70	3020	1.69	62.4	75.1	Yellow	None
M-11	02/04/2020	12:37	12:50	46.75	300.0	4.2	24.2	7.70	3924	3.37	86.2	81.9	Clear	No
	05/15/2020	07:26	08:00	48.0	300.0	9.9	26.2	7.42	3955	2.04	259.4	65.9	Clear	None
M-12A	02/04/2020	11:45	12:01	45.9	250.0	5.5	20.2	8.12	6725	5.45	46.4	18.6	Greenish yellow	No
	05/18/2020	07:47	08:01	47.0	180.0	2.5	24.9	8.10	6488	5.65	150.6	46.1	Yellow	None
M-13	05/13/2020	12:32	13:27	45.0	60.0	3.02	29.0	6.93	4203	0.49	-153.4	52.0	Red-Brn	None
M-14A	05/14/2020	10:34	10:53	37.2	90.0	1.35	26.3	7.29	4656	6.25	169.7	18.5	Clear	None
M-19	05/13/2020	08:13	08:43	35.4	150.0	4.05	24.7	7.21	5175	1.82	176.4	2.2	Clear	None
M-22A	05/15/2020	13:46	14:06	33.5	120.0	2.6	26.7	7.07	10636	1.35	163.5	0	Light Green	None
M-23	05/11/2020	09:32	09:43	37.1	240.0	2.4	26.0	7.26	4958	2.81	164.6	7.2	Clear	None
M-25	05/11/2020	11:57	12:17	35.6	210.0	3.15	28.0	7.30	5423	1.49	147.7	0.8	Clear	None
M-31A	05/14/2020	07:58	08:52	47.6	180.0	9.7	18.3	7.78	837	8.66	295.3	7.2	Clear	None
M-32	05/14/2020	09:06	09:37	44.0	95.0	2.85	26.0	7.59	1010	6.76	111.7	28.7	Clear	None
M-33	05/14/2020	07:17	07:35	44.2	95.0	1.33	24.7	7.34	1459	7.93	92.0	14.0	Clear	None
M-35	05/13/2020	10:13	10:30	35.0	120.0	1.8	26.5	7.48	2694	2.10	130.8	1.4	Clear	None
M-37	02/04/2020	13:47	14:03	33.5	330.0	5.3	24.6	6.70	5475	2.08	212.5	2.9	Clear	No
	05/14/2020	08:53	09:07	34.88	240.0	5.04	25.5	6.84	6151	1.44	81.5	3.3	Clear	None
M-38	02/04/2020	12:42	13:01	33.8	300.0	5.7	21.1	7.20	8695	1.56	163.2	4.4	Slightly yellow	No
	05/14/2020	08:51	09:08	33.2	120.0	1.8	25.0	7.00	9012	0.88	165.7	4.1	Slight yellow	None
M-44	02/04/2020	10:34	10:54	29.0	300.0	6.3	21.8	7.37	9578	1.44	132.1	2.6	Clear	No
	05/12/2020	09:49	10:13	30.05	180.0	4.5	25.4	9.70	9490	0.53	140.8	7.5	Clear	None
M-48A	05/08/2020	11:38	11:56	34.8	240.0	3.92	26.8	7.14	5609	1.22	83.3	2.2	Clear	None
M-52	05/18/2020	12:19	12:33	43.43	90.0	1.2	27.6	7.48	5450	5.91	302.3	7.0	Clear	None
M-57A	05/13/2020	12:23	12:59	35.6	240.0	8.16	27.0	7.35	3970	5.65	90.2	10.8	White	None
M-64	05/14/2020	13:33	13:47	31.0	120.0	2.6	27.7	7.21	8507	1.50	115.7	16.7	Clear	None

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Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
M-65	05/15/2020	08:02	08:14	35.0	120.0	2.52	25.9	6.89	11252	0.98	234.2	8.0	Faint Yellow	None
M-66	05/15/2020	09:02	09:18	35.25	240.0	6.24	25.9	6.78	11871	0.58	193.2	2.5	Pale Yellow	None
M-67	05/12/2020	13:05	13:22	30.35	160.0	2.6	27.4	7.15	5677	1.26	129.8	4.3	Light Yellow	None
M-68	05/12/2020	09:26	09:47	33.8	160.0	3.4	26.2	7.10	7013	0.86	161.0	3.5	Light Yellow	None
M-69	05/13/2020	10:07	10:27	36.8	140.0	2.66	25.4	7.10	4547	0.95	73.7	5.2	Clear	None
M-70	05/15/2020	11:32	12:00	36.0	240.0	6.0	25.6	7.39	8637	6.85	220.3	2.9	Pale Yellow	None
M-71	05/15/2020	09:42	10:30	39.6	140.0	5.75	25.9	6.86	9616	1.51	218.4	2.6	Pale Yellow	None
M-72	05/14/2020	12:01	12:17	33.8	50.0	1.87	27.6	6.88	12534	1.31	144.9	3.5	Yellowish tint	None
M-73	05/11/2020	07:50	08:08	34.6	90.0	1.44	27.1	7.50	7687	1.03	121.6	4.9	Green	None
M-74	05/12/2020	10:49	11:14	35.0	300.0	7.2	26.4	7.25	6763	3.01	111.6	2.1	Clear	None
M-75	05/12/2020	10:42	11:01	45.95	300.0	8.4	25.7	7.35	5656	5.31	136.5	5.9	Clear	None
M-76	05/13/2020	11:37	11:58	45.8	100.0	2.0	27.3	7.48	6032	3.65	125.4	9.2	Clear	None
M-77R	05/14/2020	12:29	12:50	40.0	100.0	2.0	30.2	7.08	3742	1.11	136.8	6.7	Clear	None
M-79	05/13/2020	11:14	11:32	33.1	160.0	2.72	26.5	7.14	4877	0.92	73.3	5.1	Clear	None
M-80	02/04/2020	13:24	13:37	38.0	300.0	4.2	21.4	7.13	6990	1.07	126.6	2.0	Clear	No
	05/13/2020	07:24	07:49	40.5	90.0	2.57	24.2	7.12	7176	1.03	145.5	0.2	Green	None
M-81A	05/12/2020	12:06	12:25	37.0	180.0	3.24	27.0	7.31	4880	0.44	151.9	1.3	Clear	None
M-83	05/13/2020	07:07	07:38	36.0	160.0	4.8	22.4	7.62	2214	2.69	187.5	3.5	Clear	None
M-92	05/18/2020	07:44	08:06	42.4	240.0	4.96	24.2	7.56	2839	7.88	155.0	9.0	Clear	None
M-93	05/14/2020	07:26	07:53	40.3	200.0	4.16	24.5	7.45	3573	7.29	114.4	19.9	Clear	None
M-97	05/14/2020	08:45	09:00	43.3	200.0	2.8	25.3	7.39	4613	5.69	115.3	6.0	Clear	None
M-103	05/15/2020	10:18	10:41	80.41	90.0	2.1	25.5	7.56	2627	7.04	162.5	4.0	Clear	None
M-115	05/13/2020	12:40	12:58	42.1	200.0	3.4	26.1	7.45	3788	7.66	153.8	30.6	Clear	None
M-117	05/15/2020	08:36	08:58	140.0	120.0	2.52	26.7	7.80	1184	6.55	124.8	9.9	Clear	None
M-118	05/14/2020	11:33	13:18	143.3	200.0	2.36	25.9	7.64	1247	6.20	148.7	30.1	Clear	None
M-120	05/18/2020	12:53	13:28	90.0	120.0	3.39	26.0	7.32	2706	5.28	208.3	23.2	Clear	None
M-121	05/14/2020	10:09	10:32	88.0	240.0	5.6	25.3	7.38	5296	7.07	125.7	3.2	Clear	None
M-123	05/13/2020	07:29	07:54	47.0	160.0	6.56	24.5	7.27	14362	0.61	161.8	14.4	Clear	None
M-124	05/13/2020	08:58	09:11	43.8	240.0	5.04	25.2	7.53	4296	4.70	149.7	16.6	Clear	None
M-125	05/13/2020	06:43	07:35	45.5	315.0	15.0	24.9	7.08	19588	0.13	160.4	8.5	Clear	None
M-126	05/13/2020	14:20	14:37	38.0	400.0	10.4	25.8	6.92	20423	0.64	158.1	44.3	Clear	None
M-129	05/18/2020	10:00	10:16	34.1	375.0	6.4	25.6	7.29	6106	0.84	142.2	3.5	Clear	None
M-132	05/12/2020	07:28	08:02	86.7	60.0	2.34	25.5	7.71	2379	4.94	143.1	14.5	Clear	None
M-133	05/12/2020	09:08	09:36	67.0	90.0	2.49	26.1	7.30	7096	6.41	152.4	57.9	Clear	None
M-134	05/12/2020	09:10	10:08	67.3	80.0	5.5	26.7	7.59	3499	4.83	182.4	10.1	Turbid	None
M-135	05/13/2020	09:14	09:28	37.6	140.0	1.82	25.3	7.34	4115	5.51	82.2	1.3	Clear	None
M-136	05/13/2020	10:30	10:53	87.2	100.0	2.0	25.3	7.83	1856	4.38	188.2	44.9	Clear	None
M-137	05/18/2020	07:35	09:00	67.15	200.0	16.0	26.7	7.37	3750	7.55	333.9	6.5	Clear	None

TABLE A-2: Field Parameters
January 2020 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
M-138	05/15/2020	12:00	12:18	61.9	300.0	5.1	26.7	7.39	3073	6.98	140.1	53.8	Clear	None
M-139	05/14/2020	11:19	11:40	51.9	300.0	6.0	27.6	7.44	3719	6.63	144.0	8.3	Clear	None
M-140	05/15/2020	06:47	07:14	38.6	270.0	6.5	24.8	7.08	7913	0.50	183.4	6.3	Clear	None
M-141	05/14/2020	10:50	11:25	43.0	100.0	3.3	26.5	6.83	6234	2.86	178.9	56.0	Red-Brown	None
M-142	05/14/2020	11:00	11:47	37.5	300.0	13.8	26.3	7.51	3888	6.87	245.7	7.3	Clear	None
M-144	05/15/2020	08:25	08:59	41.8	150.0	3.1	26.0	7.39	5440	6.21	154.9	9.2	Clear	None
M-145	05/14/2020	13:46	14:15	52.0	65.0	1.82	30.5	6.94	3972	0.40	-92.7	8.7	Clear	None
M-147	05/14/2020	07:16	07:28	35.6	300.0	3.3	25.1	7.29	5315	4.81	198.0	7.5	Clear	None
M-148A	05/14/2020	08:15	08:33	48.3	90.0	2.2	25.8	7.09	6187	2.47	149.6	5.4	Clear	None
M-149	05/14/2020	09:46	10:04	108.0	60.0	1.3	22.4	7.28	2365	7.02	162.2	6.3	Clear	None
M-150	05/15/2020	07:22	07:42	137.5	150.0	2.7	25.1	7.75	865	3.68	108.2	3.6	Clear	None
M-151	05/11/2020	12:50	13:08	136.4	300.0	4.5	24.8	7.75	809	2.58	-23.6	5.0	Clear	None
M-152	05/12/2020	08:42	08:55	135.0	50.0	1.2	24.8	9.52	915	1.78	143.8	4.7	Clear	None
M-153	05/14/2020	12:34	13:05	160.0	300.0	9.3	23.9	7.79	915	3.68	311.7	0.6	Clear	None
M-154	05/14/2020	12:58	13:39	187.5	90.0	3.6	28.7	7.68	1034	2.38	85.2	4.4	Clear	None
M-155	05/11/2020	12:08	12:25	--	300.0	4.8	24.8	6.93	895	0.59	127.9	74.5	Clear	None
M-156	05/12/2020	07:57	08:06	187.6	75.0	2.5	24.8	9.44	900	0.73	101.0	5.5	Clear	None
M-159	05/12/2020	12:11	12:47	70.0	100.0	3.0	28.3	7.54	4006	0.86	175.1	6.0	Clear	None
M-160	05/13/2020	08:28	09:26	45.0	315.0	15.0	25.2	7.48	6013	1.86	167.9	11.2	Clear	None
M-161	05/12/2020	10:34	11:05	106.15	52.0	4.0	27.2	8.00	939	4.64	189.2	7.9	Clear	None
M-161D	05/12/2020	11:10	11:38	137.6	100.0	2.5	28.7	7.76	950	2.45	89.3	2.3	Clear	None
M-162	05/15/2020	07:49	08:26	107.0	40.0	3.0	24.9	7.91	1347	2.60	178.4	6.3	Clear	None
M-162D	05/12/2020	12:15	12:30	137.15	70.0	1.5	31.6	11.94	870	3.55	120.7	5.1	Clear	None
M-163	05/11/2020	10:29	10:45	85.0	240.0	3.96	27.3	8.07	726	4.69	119.7	11.0	Clear	None
M-164	05/15/2020	11:47	12:49	64.43	50.0	1.62	28.8	7.18	5492	4.88	161.9	2.2	Light green	None
M-165	05/12/2020	11:55	12:15	114.0	260.0	4.7	25.7	7.94	815	0.79	99.3	3.3	Clear	None
M-181	05/12/2020	10:36	10:53	112.0	240.0	3.84	24.9	8.80	799	3.04	113.7	5.2	Clear	None
M-182	05/12/2020	11:17	11:33	87.0	200.0	2.8	25.6	7.40	14057	1.84	150.6	3.1	Clear	None
M-186	05/14/2020	09:01	09:22	112.0	210.0	4.2	26.3	7.31	12977	3.72	168.9	9.3	Yellow	None
M-186D	05/15/2020	07:26	07:37	165.8	120.0	1.8	26.0	7.97	904	3.35	111.7	39.7	Clear	None
M-189	05/14/2020	13:36	14:01	42.2	300.0	7.5	26.0	7.57	3794	5.99	327.0	39.9	Clear	None
M-190	05/14/2020	12:22	12:42	42.8	200.0	3.9	27.4	7.51	3488	7.10	149.8	27.8	Clear	None
M-191	05/15/2020	09:48	10:15	43.9	90.0	2.5	27.4	7.34	11545	2.69	142.9	22.4	Yellow	None
M-192	05/15/2020	10:48	11:12	43.6	100.0	2.5	28.2	7.52	3603	5.75	150.9	8.5	Clear	None
M-193	05/14/2020	09:41	10:21	44.2	270.0	10.5	26.9	7.44	3811	5.72	284.4	6.6	Clear	None
M-204	05/12/2020	07:17	07:44	105.0	20.0	0.52	25.1	7.91	974	4.34	199.3	5.3	Clear	None
M-205	05/12/2020	07:10	08:02	41.0	120.0	5.0	24.2	6.77	15773	0.40	194.0	9.4	Clear	None
M-206	05/11/2020	08:25	08:51	40.8	150.0	3.75	25.4	7.28	6321	3.14	127.0	1.8	Clear	None

TABLE A-2: Field Parameters
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Nevada Environmental Response Trust Site
Henderson, Nevada

Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
M-207	05/12/2020	10:07	10:29	38.7	240.0	4.88	25.8	7.31	3141	1.86	1.8	5.1	Clear	None
M-208	05/13/2020	06:50	07:10	38.9	100.0	2.16	23.0	7.08	4830	0.97	59.1	2.7	Clear	None
M-209	05/13/2020	07:49	08:02	55.0	75.0	0.98	24.4	7.26	5878	5.74	85.7	2.9	Clear	None
M-210	05/12/2020	09:53	10:07	75.0	20.0	0.78	25.1	7.73	1130	4.13	136.2	9.2	Clear	None
M-211	05/12/2020	12:00	12:16	40.7	160.0	3.36	24.4	7.24	4010	1.12	149.8	4.0	Clear	None
M-212	05/12/2020	13:17	13:52	65.0	120.0	1.92	26.0	7.63	3371	7.62	171.5	11.7	Clear	None
M-213	05/12/2020	12:55	13:25	105.0	60.0	1.22	28.3	7.96	1027	3.78	129.3	14.7	Clear	None
M-214	05/12/2020	08:24	08:42	46.5	90.0	1.9	25.5	7.39	4083	6.72	176.9	3.2	Clear	None
M-220	05/11/2020	11:00	11:18	65.0	100.0	2.1	30.7	7.98	1346	7.98	114.6	198.3	Clear	None
M-260	05/11/2020	07:35	08:13	70.0	135.0	5.5	24.8	7.58	1521	0.40	47.3	13.0	Clear	None
M-261	05/11/2020	09:20	10:01	67.5	75.0	4.5	27.2	7.58	3250	1.68	155.0	2.9	Clear	None
M-262	05/11/2020	10:58	12:37	85.0	34.0	3.75	28.7	7.64	1035	0.77	159.1	2.4	Clear	None
M-263	05/11/2020	09:40	10:06	65.0	210.0	5.25	25.8	7.32	6987	1.16	95.2	1.4	Clear	None
M-264	05/11/2020	11:00	11:36	90.0	150.0	5.25	27.1	7.78	1047	1.94	108.5	5.3	Clear	None
M-265	05/12/2020	11:14	11:26	65.0	100.0	1.2	27.1	7.44	1534	3.42	29.5	10.0	Clear	None
M-266	05/12/2020	12:15	12:35	95.0	60.0	1.2	31.3	7.49	930	1.44	25.3	7.1	Clear	None
M-267	05/11/2020	13:50	14:08	87.2	60.0	1.62	35.1	7.60	1158	5.30	135.2	165.8	Clear	None
M-268	05/12/2020	07:18	07:39	107.5	60.0	1.2	25.2	7.84	930	3.56	172.6	11.4	Clear	None
MC-3	05/11/2020	12:15	12:40	40.2	100.0	3.72	29.5	6.85	38142	0.71	-77.0	2.6	Clear	Yes
MC-6	05/11/2020	07:49	08:10	33.5	200.0	4.0	26.1	6.98	24053	0.76	55.6	1.6	Clear	None
MC-7	05/11/2020	09:06	09:35	36.1	300.0	8.1	26.4	6.85	10565	0.65	10.8	2.7	Clear	None
MC-50	05/11/2020	11:08	12:08	39.69	300.0	17.7	27.1	7.12	25116	0.90	239.1	110.9	Clear	None
MC-51	05/11/2020	13:37	14:05	37.7	300.0	8.02	26.9	6.84	24455	0.65	-15.0	4.6	Clear	None
MC-53	05/12/2020	07:09	07:30	35.57	300.0	6.0	25.6	6.71	19748	2.53	49.1	6.8	Clear	None
MC-65R2	05/08/2020	12:14	12:40	36.0	120.0	2.67	28.0	7.07	14515	0.69	134.1	0.8	Clear	None
MC-69	05/11/2020	10:51	11:12	37.9	240.0	4.8	27.0	7.14	24503	0.68	-24.5	3.7	Clear	None
MC-93	05/12/2020	08:39	09:07	38.4	300.0	8.1	25.5	6.84	15340	2.70	25.7	26.7	Clear	None
MC-97	05/11/2020	07:49	08:09	38.6	240.0	4.96	25.1	6.73	23024	0.85	146.4	3.4	Clear	None
MC-MW-37R2	05/08/2020	10:02	10:35	58.0	15.0	0.88	28.3	7.36	6580	1.24	61.1	7.1	Clear	None
MCF-06B	05/20/2020	07:33	07:57	74.5	80.0	2.2	23.1	8.20	41385	0.83	364.4	15.5	Clear	None
MCF-06C	05/20/2020	08:55	09:14	57.0	90.0	2.1	25.0	7.40	10559	3.21	335.8	4.4	Clear	None
MW-02	05/21/2020	14:30	15:07	40.65	300.0	5.1	25.2	7.72	3820	5.89	104.5	7.3	Clear	None
MW-3	05/18/2020	13:23	13:36	7.5	320.0	4.16	23.7	7.58	5570	4.00	154.8	9.8	Clear	None
MW-4	05/19/2020	08:15	08:32	10.0	320.0	5.12	20.9	7.23	5531	3.99	200.0	2.8	Clear	None
MW-13	05/21/2020	12:55	14:01	43.0	100.0	6.4	28.0	7.21	4969	6.87	181.0	5.6	Clear	None
MW-16	05/14/2020	10:33	10:56	39.5	240.0	8.64	26.2	7.00	17655	0.51	91.6	5.0	Clear	None
MW-20	05/21/2020	10:23	10:58	57.5	90.0	2.97	26.6	7.37	5564	1.30	48.2	42.0	Clear	None
MW-25	05/21/2020	15:44	16:00	40.3	300.0	5.1	27.0	7.83	4387	4.47	89.5	91.5	Clear	None

TABLE A-2: Field Parameters
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Nevada Environmental Response Trust Site
Henderson, Nevada

Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
MW-K4	05/06/2020	08:56	09:30	38.0	320.0	10.56	26.2	7.20	4985	3.82	128.3	39.2	Clear	None
MW-K5	05/03/2020	13:00	13:35	38.5	300.0	9.6	25.6	7.03	5480	1.77	311.6	14.4	Clear	None
NERT3.35S1	05/19/2020	12:19	12:42	45.0	260.0	6.24	26.5	8.01	10734	0.44	-87.7	40.3	Clear	None
NERT3.40S1	05/19/2020	13:36	13:55	45.0	280.0	5.32	25.7	7.76	13420	0.50	39.2	7.5	Clear	None
NERT3.58N1	05/15/2020	10:58	11:40	47.3	180.0	9.1	26.1	7.02	8813	1.10	255.2	11.0	Clear	None
NERT3.58S1	05/20/2020	07:35	08:20	45.0	300.0	9.5	23.3	6.97	3462	1.44	194.0	10.0	Clear	None
NERT3.60N1	05/18/2020	12:25	12:53	44.73	300.0	8.7	28.0	7.20	6467	7.68	148.5	300.2	Brown	None
NERT3.60S1	05/20/2020	09:25	09:54	46.5	300.0	8.0	22.6	7.08	3214	1.33	193.4	2.6	Clear	None
NERT3.63S1	05/20/2020	07:24	07:40	27.0	400.0	6.4	22.8	6.95	4144	1.05	188.1	5.7	Clear	None
NERT3.80S1	05/20/2020	08:35	08:52	15.0	400.0	7.6	22.1	2.13	4068	0.70	157.8	3.4	Clear	None
NERT3.98S1	05/20/2020	10:30	10:49	25.0	400.0	6.4	22.2	7.09	6305	0.42	-35.0	48.2	Clear	None
NERT4.21N1	05/18/2020	13:26	13:42	50.0	180.0	3.6	25.9	7.24	4330	3.83	135.6	9.2	Clear	None
NERT4.38N1	05/19/2020	08:12	08:36	36.0	300.0	6.9	22.2	6.89	3636	4.83	101.1	12.0	Clear	None
NERT4.51S1	05/20/2020	07:23	07:39	45.0	90.0	1.35	23.0	7.12	5038	5.58	171.2	2.6	Clear	None
NERT4.64N1	05/15/2020	12:40	12:54	35.0	270.0	3.24	23.6	7.20	2954	0.33	88.2	1.3	Clear	None
NERT4.64S1	05/20/2020	07:54	08:13	45.0	180.0	3.4	22.6	7.14	5338	4.47	192.0	2.1	Clear	None
NERT4.65N1	05/15/2020	10:59	11:14	35.0	285.0	3.99	23.9	7.13	2900	0.36	112.5	4.6	Clear	None
NERT4.70N1	05/18/2020	08:13	08:39	33.0	300.0	7.5	23.1	7.30	2312	0.85	87.9	4.5	Clear	None
NERT4.71N1	05/18/2020	09:33	10:07	36.0	300.0	9.2	22.7	7.28	2391	0.38	76.0	2.2	Clear	None
NERT4.71S1	05/20/2020	07:27	07:55	45.0	300.0	7.4	22.7	7.09	4462	4.57	150.9	11.2	Clear	None
NERT4.71S2	05/20/2020	08:53	09:18	44.0	350.0	6.1	23.0	7.00	4082	3.03	159.0	18.7	White	None
NERT4.93S1	05/20/2020	09:45	10:05	49.8	300.0	6.0	23.7	7.09	4129	1.83	166.9	2.6	Clear	None
NERT5.11S1	05/20/2020	08:50	09:08	40.0	180.0	2.7	23.7	7.12	3901	0.57	175.2	2.2	Clear	None
NERT5.49S1	05/20/2020	10:18	10:49	35.0	240.0	7.2	21.6	7.51	1998	0.49	165.2	9.6	Clear	None
NERT5.91S1	05/21/2020	09:50	10:16	45.0	250.0	6.5	23.5	7.18	3894	0.64	137.2	22.8	Clear	None
PC-2	05/06/2020	08:08	08:26	23.8	260.0	4.42	23.8	7.49	3356	4.15	183.0	4.1	Clear	None
PC-4	05/06/2020	09:47	10:13	37.0	300.0	6.9	25.0	7.23	7754	5.45	202.4	30.6	White	None
PC-18	05/06/2020	13:43	13:56	40.0	120.0	3.6	28.1	6.77	15828	0.78	150.1	6.1	Clear	None
PC-21A	05/08/2020	11:59	12:18	32.1	80.0	1.3	28.3	7.22	23218	6.83	141.7	5.8	Clear	None
PC-24	05/07/2020	10:04	10:28	25.3	400.0	8.8	20.7	7.47	2355	6.98	71.9	4.5	Clear	None
PC-28	05/07/2020	07:35	08:03	16.0	240.0	7.02	23.4	7.50	5305	4.94	125.6	64.1	Clear	None
PC-31	05/08/2020	11:22	11:38	28.8	300.0	4.5	28.0	7.37	5576	0.43	155.2	319.0	Clear	None
PC-40R	05/08/2020	08:09	08:28	37.6	300.0	6.0	24.3	7.01	23028	0.40	228.9	16.6	Clear	None
PC-50	05/07/2020	09:00	09:48	27.3	400.0	13.0	25.4	6.94	16807	3.09	203.2	14.7	Clear	None
PC-53	05/06/2020	07:01	07:19	28.95	200.0	3.4	23.5	7.16	4482	6.57	164.6	0.5	Clear	None
PC-54	05/08/2020	10:38	11:02	29.4	200.0	4.4	27.5	7.24	12696	0.69	108.9	8.8	Clear	None
PC-55	05/06/2020	10:58	11:21	42.3	255.0	6.0	26.2	7.18	7271	0.78	161.1	2.1	Clear	None
PC-56	05/05/2020	10:20	10:38	38.4	300.0	5.1	26.6	7.28	7059	3.52	176.6	40.4	Clear	None

TABLE A-2: Field Parameters
January 2020 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
PC-58	05/06/2020	10:19	11:07	27.2	270.0	12.7	23.4	7.34	3456	1.63	150.7	3.6	Clear	None
PC-59	05/06/2020	09:01	09:30	26.9	200.0	5.6	24.6	7.14	3614	0.55	158.1	30.7	Clear	None
PC-60	05/06/2020	07:40	08:13	28.9	160.0	5.1	22.2	7.18	3234	0.82	158.5	58.3	Clear	None
PC-62	05/06/2020	10:12	10:33	27.7	180.0	3.6	20.1	7.28	2335	0.58	108.8	19.2	Clear	None
PC-64	05/07/2020	12:33	13:03	14.5	270.0	7.56	24.2	7.60	7047	0.46	163.6	6.0	Clear	None
PC-65	05/07/2020	11:18	11:31	15.3	360.0	6.12	24.2	7.37	5093	0.45	159.9	15.8	Clear	None
PC-66	05/07/2020	12:35	12:52	20.4	280.0	4.76	26.4	7.35	5299	0.44	162.3	137.8	Clear	None
PC-67	05/07/2020	10:06	10:46	23.0	120.0	4.56	26.3	7.25	13537	0.69	157.0	7.6	Clear	None
PC-71	05/08/2020	08:57	09:16	27.1	90.0	2.2	26.3	7.42	16649	3.97	151.8	4.6	Clear	None
PC-72	05/08/2020	07:41	07:59	32.1	180.0	2.8	25.5	7.38	18390	3.21	178.6	37.3	Clear	None
PC-74	05/15/2020	08:07	08:34	45.0	200.0	4.28	22.3	7.06	4513	0.93	120.3	6.9	Clear	None
PC-77	05/06/2020	11:05	11:39	34.0	120.0	3.36	27.1	7.10	4866	0.39	66.5	26.5	Clear	None
PC-79	05/04/2020	13:35	13:58	41.7	200.0	4.6	25.1	7.25	2733	0.44	44.9	2.6	Clear	None
PC-82	05/05/2020	07:10	07:30	55.5	80.0	20.0	21.5	7.26	2318	0.98	59.9	10.0	Clear	None
PC-86	05/04/2020	12:27	13:13	24.5	300.0	13.5	22.3	7.36	2270	0.11	104.5	6.2	Clear	None
PC-90	05/05/2020	10:11	10:33	9.2	300.0	6.5	23.1	7.20	4553	3.71	292.0	16.0	Clear	None
PC-91	05/05/2020	09:10	09:39	15.7	210.0	5.7	25.0	6.73	3557	0.88	147.6	13.2	Clear	None
PC-94	05/05/2020	06:53	07:23	15.92	300.0	8.5	23.4	6.98	4995	0.61	194.2	20.8	Clear	None
PC-96	05/05/2020	11:36	11:55	33.9	300.0	5.4	22.6	7.28	2871	0.26	82.5	82.8	Clear	None
PC-97	05/04/2020	12:40	13:10	26.6	120.0	3.4	23.2	7.28	2491	0.56	49.9	25.8	Clear	None
PC-98R	05/06/2020	13:30	13:44	32.0	270.0	1.62	26.5	7.10	4051	1.39	199.9	-0.6	Clear	None
PC-99R2/R3	01/07/2020	--	--	--	--	--	23.6	7.75	5040	--	--	--	--	--
	02/06/2020	--	--	--	--	--	20.8	7.68	4550	--	--	--	--	--
	03/04/2020	--	--	--	--	--	23.3	7.46	3590	--	--	--	--	--
	04/01/2020	--	--	--	--	--	24.1	8.11	4940	--	--	--	--	--
	05/06/2020	--	--	--	--	--	26.9	7.20	4990	--	--	--	--	--
	06/02/2020	--	--	--	--	--	27.2	7.50	5230	--	--	--	--	--
PC-101R	05/06/2020	07:11	07:41	42.4	300.0	9.0	24.7	7.15	6361	4.80	198.9	1.9	Clear	None
PC-103	05/06/2020	13:20	13:38	26.0	200.0	3.4	24.3	7.14	2581	0.94	103.7	14.9	Clear	None
PC-107	05/08/2020	07:18	07:44	11.5	270.0	8.0	22.0	7.01	6477	1.99	221.8	11.8	Clear	None
PC-108	05/06/2020	11:47	12:08	27.5	200.0	4.0	21.4	7.56	2547	0.65	13.2	20.6	Clear	None
PC-110	05/07/2020	11:34	11:53	25.5	400.0	7.2	25.0	6.99	4710	1.83	231.4	33.0	Clear	None
PC-115R	01/07/2020	--	--	--	--	--	23.0	7.43	4140	--	--	--	--	--
	02/06/2020	--	--	--	--	--	20.9	7.63	3710	--	--	--	--	--
	03/04/2020	--	--	--	--	--	22.9	7.53	2860	--	--	--	--	--
	04/01/2020	--	--	--	--	--	23.5	8.13	4180	--	--	--	--	--
	05/06/2020	--	--	--	--	--	24.8	7.38	4270	--	--	--	--	--
	06/02/2020	--	--	--	--	--	25.4	7.39	3930	--	--	--	--	--

TABLE A-2: Field Parameters
January 2020 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
PC-116R	01/07/2020	--	--	--	--	--	23.7	7.42	5030	--	--	--	--	--
	02/06/2020	--	--	--	--	--	20.9	7.59	4430	--	--	--	--	--
	03/04/2020	--	--	--	--	--	23.1	7.45	3380	--	--	--	--	--
	04/01/2020	--	--	--	--	--	23.5	7.84	4710	--	--	--	--	--
	05/06/2020	--	--	--	--	--	24.6	7.41	4600	--	--	--	--	--
	06/02/2020	--	--	--	--	--	25.1	7.41	4430	--	--	--	--	--
PC-117	01/07/2020	--	--	--	--	--	23.3	7.40	4270	--	--	--	--	--
	02/06/2020	--	--	--	--	--	20.6	7.57	3720	--	--	--	--	--
	03/04/2020	--	--	--	--	--	22.3	7.48	2970	--	--	--	--	--
	04/01/2020	--	--	--	--	--	22.1	7.68	4010	--	--	--	--	--
	05/06/2020	--	--	--	--	--	23.9	7.43	3740	--	--	--	--	--
	06/02/2020	--	--	--	--	--	24.1	7.38	3520	--	--	--	--	--
PC-118	01/07/2020	--	--	--	--	--	23.2	7.49	3420	--	--	--	--	--
	02/06/2020	--	--	--	--	--	20.8	7.68	3330	--	--	--	--	--
	03/04/2020	--	--	--	--	--	22.2	7.54	2700	--	--	--	--	--
	04/01/2020	--	--	--	--	--	22.9	7.97	3600	--	--	--	--	--
	05/06/2020	--	--	--	--	--	23.6	7.48	3770	--	--	--	--	--
	06/02/2020	--	--	--	--	--	24.1	7.51	3360	--	--	--	--	--
PC-119	01/07/2020	--	--	--	--	--	22.0	7.39	2920	--	--	--	--	--
	02/06/2020	--	--	--	--	--	19.7	7.63	2830	--	--	--	--	--
	03/04/2020	--	--	--	--	--	21.7	7.46	2340	--	--	--	--	--
	04/01/2020	--	--	--	--	--	22.0	7.96	3180	--	--	--	--	--
	05/06/2020	--	--	--	--	--	22.9	7.52	3020	--	--	--	--	--
	06/02/2020	--	--	--	--	--	23.2	7.46	2850	--	--	--	--	--
PC-120	01/07/2020	--	--	--	--	--	21.4	7.48	2660	--	--	--	--	--
	02/06/2020	--	--	--	--	--	19.5	7.59	2530	--	--	--	--	--
	03/04/2020	--	--	--	--	--	21.4	7.48	2070	--	--	--	--	--
	04/01/2020	--	--	--	--	--	21.4	7.89	2670	--	--	--	--	--
	05/06/2020	--	--	--	--	--	22.4	7.48	2670	--	--	--	--	--
	06/02/2020	--	--	--	--	--	23.4	7.47	2560	--	--	--	--	--
PC-121	01/07/2020	--	--	--	--	--	21.5	7.47	2590	--	--	--	--	--
	02/06/2020	--	--	--	--	--	19.4	7.58	2540	--	--	--	--	--
	03/04/2020	--	--	--	--	--	21.7	7.47	2020	--	--	--	--	--
	04/01/2020	--	--	--	--	--	21.5	7.91	2650	--	--	--	--	--
	05/06/2020	--	--	--	--	--	22.4	7.52	3010	--	--	--	--	--
	06/02/2020	--	--	--	--	--	23.1	7.47	2560	--	--	--	--	--
PC-122	05/05/2020	09:42	10:02	35.0	180.0	3.6	24.7	7.22	8920	5.72	141.3	4.3	Clear	None
PC-123	05/07/2020	13:49	14:02	29.0	270.0	4.59	26.0	7.28	5992	3.48	153.2	9.3	Clear	None

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Henderson, Nevada

Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
PC-124	05/07/2020	12:51	13:09	30.0	200.0	3.5	25.3	7.19	9306	3.73	83.3	19.5	Clear	None
PC-125	05/07/2020	09:22	09:41	28.4	300.0	6.0	25.0	7.38	9502	3.85	151.2	80.5	Clear	None
PC-126	05/07/2020	11:33	11:55	28.3	360.0	7.18	24.1	7.18	10473	2.50	75.3	20.2	Clear	None
PC-127	05/07/2020	08:47	09:13	26.75	360.0	8.4	24.8	7.29	6328	3.33	77.9	5.2	Clear	None
PC-128	05/07/2020	10:22	10:51	26.8	200.0	5.6	27.1	7.41	6352	5.88	162.9	6.9	Clear	None
PC-129	05/07/2020	07:40	08:18	28.3	300.0	11.0	24.6	7.11	7432	1.04	199.8	5.7	Clear	None
PC-130	05/07/2020	10:44	11:06	32.6	300.0	6.6	25.1	7.24	8885	2.60	141.6	32.0	Clear	None
PC-131	05/07/2020	09:10	09:38	25.0	200.0	5.2	26.9	6.88	15156	0.64	158.1	21.1	Clear	None
PC-132	05/07/2020	10:38	11:25	24.9	315.0	17.0	27.5	6.97	12442	0.12	175.3	6.4	Clear	None
PC-133	01/07/2020	--	--	--	--	--	22.6	7.39	3190	--	--	--	--	--
	02/06/2020	--	--	--	--	--	20.2	7.64	3090	--	--	--	--	--
	03/04/2020	--	--	--	--	--	21.6	7.45	2360	--	--	--	--	--
	04/01/2020	--	--	--	--	--	22.1	7.69	3090	--	--	--	--	--
	05/06/2020	--	--	--	--	--	23.3	7.47	2950	--	--	--	--	--
	06/02/2020	--	--	--	--	--	23.6	7.46	2820	--	--	--	--	--
PC-134A	05/06/2020	08:55	09:41	64.5	240.0	11.5	25.7	7.42	2439	2.70	150.9	5.2	Clear	None
PC-134D	05/05/2020	10:35	11:26	34.7	53.0	6.4	27.8	7.62	4014	0.41	-97.2	1.5	Clear	None
PC-135A	05/05/2020	12:36	13:21	42.6	210.0	9.2	26.0	7.09	6510	2.17	151.6	1.5	Clear	None
PC-136	05/08/2020	10:38	10:51	37.66	300.0	4.2	26.8	7.41	6358	6.64	183.0	34.3	Clear	None
PC-137	05/05/2020	13:06	13:31	67.9	210.0	5.0	26.6	7.63	4045	0.62	-164.0	31.7	Clear	Egg odor
PC-137D	05/06/2020	08:28	08:50	84.6	100.0	2.3	25.1	7.54	4263	5.92	-40.5	1.8	Clear	None
PC-142	05/07/2020	09:15	09:40	33.5	320.0	10.56	24.5	7.18	5363	3.02	157.6	2.6	Clear	None
PC-143	05/06/2020	12:45	13:16	50.0	320.0	11.0	25.6	7.10	6313	4.02	189.2	2.8	Clear	None
PC-144	05/05/2020	08:50	09:21	37.0	90.0	2.75	26.1	7.17	6409	2.90	168.7	3.0	Clear	None
PC-145	05/06/2020	11:20	11:55	36.7	220.0	7.48	25.8	7.23	8726	66.91	695.1	4.5	Clear	None
PC-148	05/06/2020	11:24	11:42	28.0	120.0	1.76	28.9	6.96	6530	1.36	195.4	0	Clear	None
PC-149	05/06/2020	13:19	13:40	38.7	100.0	1.7	29.4	7.23	3800	0.78	196.2	0	Clear	None
PC-150	01/06/2020	--	--	--	--	--	23.0	7.59	6600	--	--	--	--	--
	02/10/2020	--	--	--	--	--	20.3	7.60	6480	--	--	--	--	--
	03/05/2020	--	--	--	--	--	25.7	7.62	5200	--	--	--	--	--
	04/01/2020	--	--	--	--	--	25.3	7.77	6890	--	--	--	--	--
	05/11/2020	--	--	--	--	--	30.5	7.30	6510	--	--	--	--	--
	06/02/2020	--	--	--	--	--	30.8	7.45	6770	--	--	--	--	--
PC-151	05/07/2020	11:40	12:05	17.8	200.0	4.8	25.3	7.02	5423	0.79	137.6	28.6	Clear	None
PC-152	05/07/2020	11:37	11:59	19.6	300.0	6.6	28.0	7.23	5517	1.73	145.5	123.1	Clear	None
PC-153R	05/07/2020	12:04	12:57	19.8	300.0	14.0	26.0	7.27	6244	0.32	172.3	38.0	Clear	None
PC-154	05/08/2020	12:25	12:42	16.0	280.0	5.88	23.5	7.08	5444	1.80	128.2	7.9	Clear	None
PC-155A	05/04/2020	12:52	13:39	22.7	180.0	8.13	28.2	7.18	3978	1.99	169.0	7.0	Clear	None

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PC-155B	05/05/2020	10:54	11:10	46.05	300.0	4.5	22.7	7.15	3937	0.30	172.6	1.6	Clear	None
PC-156A	05/05/2020	13:06	13:23	17.9	300.0	4.5	21.2	7.04	3399	0.26	174.8	6.1	Clear	None
PC-156B	05/06/2020	08:12	08:55	38.0	150.0	5.76	22.1	7.24	3013	2.58	145.7	63.5	Clear	None
PC-157A	05/05/2020	06:55	07:11	19.6	300.0	4.5	19.0	7.21	3132	0.30	146.1	0.1	Clear	None
PC-157B	05/05/2020	08:51	09:16	38.0	300.0	7.2	22.9	7.22	3907	0.25	130.3	22.5	Clear	None
PC-158	05/08/2020	10:18	10:32	16.5	360.0	6.12	22.3	7.13	5609	3.51	138.5	4.5	Clear	None
PC-159	05/08/2020	08:55	09:12	20.0	320.0	6.72	20.9	7.13	4902	0.95	189.3	16.6	Clear	None
PC-160	05/08/2020	07:36	07:54	19.3	400.0	10.0	23.3	7.09	5364	0.43	197.9	16.5	Clear	None
PC-188	05/08/2020	09:12	09:27	55.0	100.0	1.32	26.0	7.54	2375	6.61	104.1	4.4	Clear	None
PC-189	05/08/2020	10:24	10:38	55.0	100.0	1.44	30.2	7.16	6305	5.44	116.4	4.7	Clear	None
PC-191	05/21/2020	12:25	12:57	17.5	300.0	9.5	24.6	7.08	6117	2.70	160.2	8.0	Clear	None
PC-195	05/21/2020	09:30	10:04	67.5	150.0	4.0	24.6	7.45	2844	1.08	125.1	4.1	Clear	None
PC-196	05/21/2020	10:48	11:19	68.0	60.0	3.0	26.5	7.63	2950	0.76	56.8	11.4	Clear	None
PC-197	05/21/2020	10:26	10:53	67.5	60.0	1.65	27.6	7.71	4030	1.47	39.5	22.8	Clear	None
PC-198	05/19/2020	11:06	11:35	65.0	150.0	3.93	25.1	7.36	6788	0.93	112.8	4.0	Clear	None
PC-199	05/19/2020	12:24	12:57	97.5	60.0	1.95	29.1	7.47	30095	0.96	-70.2	3.5	Clear	None
SWFTS-MW07A	05/04/2020	12:14	12:33	22.4	200.0	3.6	23.9	7.04	5303	0.72	99.2	0	Clear	None
SWFTS-MW08A	05/03/2020	06:49	07:05	27.5	240.0	3.6	23.2	7.08	5175	0.92	171.4	0.1	Clear	None
SWFTS-MW08C	05/05/2020	07:54	08:58	60.0	200.0	13.2	24.1	7.21	7713	9.54	251.8	715.2	White	None
TR-1	05/12/2020	13:00	13:52	--	600.0	30.0	25.9	7.83	1185	5.74	49.2	2.3	Clear	None
TR-2	05/13/2020	07:31	07:58	162.0	200.0	4.8	24.6	7.98	890	4.71	125.5	1.1	Clear	None
TR-3	05/12/2020	09:01	09:48	--	90.0	4.05	26.9	6.64	1188	2.10	-62.3	81.0	Clear	None
TR-4	05/11/2020	12:53	13:24	137.0	140.0	4.2	29.3	8.14	1004	5.08	129.4	1.2	Clear	None
TR-5	05/15/2020	11:40	12:07	--	240.0	5.76	27.9	6.75	1339	3.55	-27.2	6.5	Clear	None
TR-6	05/15/2020	10:21	10:38	72.5	120.0	1.8	28.0	7.27	13495	8.55	130.2	9.2	Clear	None
TR-7	05/18/2020	10:37	12:04	277.47	120.0	4.88	26.2	7.82	1277	6.14	166.7	0.4	Clear	None
TR-8	05/12/2020	09:09	09:31	78.0	240.0	5.28	25.8	7.79	1558	7.66	135.6	3.3	Clear	None
TR-9	05/15/2020	11:10	11:23	240.0	160.0	3.36	27.9	7.62	1522	6.21	137.3	3.1	Clear	None
TR-10	05/15/2020	12:22	12:38	92.0	140.0	3.64	28.6	7.38	3312	8.58	208.1	3.8	Clear	None
TR-11	05/11/2020	13:08	13:49	--	180.0	7.56	27.2	8.08	1280	5.81	271.4	9.2	Clear	None
TR-12	05/11/2020	07:32	07:47	--	300.0	4.8	25.3	9.22	852	0.50	107.7	4.9	Clear	None
UFMW-01D	05/13/2020	10:20	10:51	46.5	170.0	6.0	24.8	7.45	5334	0.13	136.3	10.1	Clear	None
UFMW-02D	05/13/2020	11:40	12:51	46.5	180.0	11.5	24.8	7.45	5948	0.37	134.9	7.2	Clear	None
UFMW-03D	05/14/2020	06:50	08:22	47.5	165.0	15.0	24.3	7.43	6061	3.03	178.4	17.0	Clear	None
UFMW-04D	05/14/2020	09:12	09:38	46.5	120.0	3.5	25.0	7.41	3958	0.29	161.1	1.7	Clear	None
UFMW-05D	05/14/2020	10:29	11:28	47.5	195.0	10.0	25.1	7.34	4916	0.11	144.4	8.3	Clear	None
UFMW-06D	05/14/2020	12:16	13:22	47.5	150.0	10.0	25.3	7.41	5269	0.16	138.2	11.2	Clear	None

TABLE A-2: Field Parameters
January 2020 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Location Name	Measurement Date	Purge Start Time	Purge Stop Time	Pump/Sample Depth (ft bRE)	Final Purge Rate (ml/min)	Volume Purged (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Color	Odor (Y/N)
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Notes:

-- = Not available

ft bRE = feet below reference elevation (top of casing for wells, water surface for Las Vegas Wash samples)

ml/min = milliliter per minute

L = liter

µS/cm = microSiemens per centimeter

mg/L = milligrams per liter

mV = millivolts

NTU = nephelometric turbidity unit

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																					
		Benzene	Bromobenzene	Bromochloro-methane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene	p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane
ARP-1	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	8.5	<0.40	0.70	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
ARP-2A	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	0.98	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
ARP-3A	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	0.92	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	05/06/2020-FD	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	0.98	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
ARP-5A	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	0.55	<0.25	<0.40	89	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
ARP-6B	05/05/2020	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<13	<2.0	<1.3	<1.3	<1.3	<2.0	290	<1.3	<1.3	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3	<1.3
ARP-7	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	1.3	<0.25	<0.40	320	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
ART-6	05/07/2020	<0.25	<0.25	<0.25	0.42 J	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	44	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
DFW-03	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	34	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
DFW-04	05/13/2020	<0.25	<0.25	<0.25	0.76	1.8	<0.25	<2.5	<0.40	<0.25	0.34 J	<0.25	<0.40	110	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
DFW-05	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	190	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
DFW-06	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	78	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
H-28A	05/11/2020	6.7 J	<5.0	<5.0	<5.0	<8.0	<5.0	<50	<8.0	<5.0	<5.0	1,600	<8.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
H-56R	05/08/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	0.46 J	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
H-58R	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	0.49 J	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
HMW-13	05/08/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
HMW-14	05/08/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
HMW-15	05/08/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
HMW-16	05/07/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	0.26 J	<0.40	3.9	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-2A	05/13/2020	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<13	<2.0	<1.3	<1.3	<1.3	<2.0	600	<1.3	<1.3	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3	<1.3
M-5A	05/14/2020	24 J	<13	<13	<13	<20	<13	<130	<20	<13	<13	3,400	<20	<13	<13	<13	<13	<13	<13	<25	<13	<13	<13
M-6A	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	1.6	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-7B	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	1.7	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-10	05/18/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	11	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-11	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	47	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-12A	05/18/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	250	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-13	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	10	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-14A	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	2.0	<0.25	<0.40	280	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-19	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	110	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-22A	05/15/2020	<5.0	<5.0	<5.0	<5.0	<8.0	<5.0	<50	<8.0	<5.0	<5.0	<5.0	<8.0	950	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
M-23	05/11/2020	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<25	<4.0	<2.5	<2.5	<2.5	<4.0	640	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5
M-25	05/11/2020	<0.63	<0.63	<0.63	<0.63	<1.0	<0.63	<6.3	<1.0	<0.63	<0.63	<0.63	<1.0	200	<0.63	<0.63	<0.63	<0.63	<0.63	<1.3	<0.63	<0.63	<0.63

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																					
		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoro-methane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	1,4-Dioxane	Ethyl benzene	Ethyl tert-butyl ether	Hexachloro-butadiene	Methylene Chloride	Naphthalene	n-Propylbenzene
ARP-1	05/06/2020	0.93	<0.25	1.6	<0.40	1.9	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
ARP-2A	05/05/2020	<0.25	<0.25	<0.25	<0.40	1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
ARP-3A	05/06/2020	0.50	<0.25	0.71	<0.40	1.6	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
	05/06/2020-FD	0.48 J	<0.25	0.61	<0.40	1.4	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
ARP-5A	05/05/2020	<0.25	<0.25	<0.25	<0.40	0.34 J	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
ARP-6B	05/05/2020	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	0.75 J	<1.3	<1.3	<1.3	<4.4	<2.0	<1.3
ARP-7	05/06/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	0.84 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
ART-6	05/07/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
DFW-03	05/13/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	5.3	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
DFW-04	05/13/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	0.57	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
DFW-05	05/13/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	0.40 J	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
DFW-06	05/14/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	2.5	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
H-28A	05/11/2020	21	<5.0	23	<8.0	23	14	<5.0	<5.0	<5.0	<5.0	<5.0	<8.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<18	<8.0	<5.0
H-56R	05/08/2020	0.89	<0.25	2.2	<0.40	0.43 J	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
H-58R	05/11/2020	1.1	<0.25	1.1	<0.40	1.1	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
HMW-13	05/08/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
HMW-14	05/08/2020	<0.25	<0.25	<0.25	<0.40	0.31 J	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
HMW-15	05/08/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
HMW-16	05/07/2020	1.8	<0.25	5.4	<0.40	13	5.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-2A	05/13/2020	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	0.89 J	<1.3	<1.3	<1.3	<4.4	<2.0	<1.3
M-5A	05/14/2020	44	<13	70	<20	39	22 J	<13	<13	<13	<13	<13	<20	<13	<13	<13	<20	<13	<13	<13	<44	<20	<13
M-6A	05/11/2020	<0.25	<0.25	<0.25	<0.40	1.6	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-7B	05/11/2020	<0.25	<0.25	<0.25	<0.40	2.2	1.4	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-10	05/18/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-11	05/15/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	0.92 J	<0.40	<0.25
M-12A	05/18/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-13	05/13/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	2.2	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-14A	05/14/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-19	05/13/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-22A	05/15/2020	<5.0	<5.0	<5.0	<8.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<8.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<18	<8.0	<5.0
M-23	05/11/2020	<2.5	<2.5	<2.5	<4.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<2.5	<2.5	<0.50	<2.5	<2.5	<2.5	<8.8	<4.0	<2.5
M-25	05/11/2020	<0.63	<0.63	<0.63	<1.0	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<1.0	<0.63	<0.63	<0.63	2.1	<0.63	<0.63	<0.63	<2.2	<1.0	<0.63

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																	
		Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	tert-Butylbenzene
ARP-1	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
ARP-2A	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	0.41 J	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
ARP-3A	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.25	0.71 J	4.8	<0.25	<0.25	0.26 J	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
	05/06/2020-FD	<0.25	<0.25	<0.25	<0.25	<0.25	0.65 J	4.2	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
ARP-5A	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.026	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
ARP-6B	05/05/2020	<1.3	<1.3	<1.3	3.2	<1.3	<2.0	<2.0	<1.3	<1.3	<1.3	<1.3	0.028	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3
ARP-7	05/06/2020	<0.25	<0.25	<0.25	1.6	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.022	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
ART-6	05/07/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.017	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
DFW-03	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	0.93	<0.25	0.16 J+	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
DFW-04	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.26	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
DFW-05	05/13/2020	<0.25	<0.25	<0.25	0.36 J	<0.25	<0.40	<0.40	<0.25	<0.25	4.6	<0.25	0.093	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
DFW-06	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	0.25 J	<0.25	0.14	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
H-28A	05/11/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<8.0	<8.0	<5.0	<5.0	16	<5.0	<0.050	<5.0	<5.0	<5.0	<10	<5.0	<5.0
H-56R	05/08/2020	<0.25	<0.25	<0.25	<0.25	<0.25	1.3	5.0	<0.25	<0.25	0.44 J	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
H-58R	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	0.97	<0.25	0.0039 J	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
HMW-13	05/08/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
HMW-14	05/08/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
HMW-15	05/08/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
HMW-16	05/07/2020	<0.25	<0.25	<0.25	0.60	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.0078	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-2A	05/13/2020	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<2.0	<1.3	<1.3	4.3	<1.3	0.067	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3
M-5A	05/14/2020	<13	<13	<13	<13	<13	<20	<20	<13	<13	<13	<13	<0.10	<13	<13	<13	<25	<13	<13
M-6A	05/11/2020	<0.25	<0.25	<0.25	0.40 J	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.0057	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-7B	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.011	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-10	05/18/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.063	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-11	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.011	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-12A	05/18/2020	<0.25	<0.25	<0.25	0.47 J	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.012	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-13	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	2.4	<0.25	0.0057	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-14A	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	1.3	<0.25	0.15	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-19	05/13/2020	<0.25	<0.25	<0.25	0.46 J	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.034	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-22A	05/15/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<8.0	<8.0	<5.0	<5.0	<5.0	<5.0	0.11	<5.0	<5.0	<5.0	<10	<5.0	<5.0
M-23	05/11/2020	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<4.0	<2.5	<2.5	<2.5	<2.5	0.29	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5
M-25	05/11/2020	<0.63	<0.63	<0.63	<0.63	<0.63	<1.0	<1.0	<0.63	<0.63	3.9	<0.63	0.12	<0.63	<0.63	<0.63	<1.3	<0.63	<0.63

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																					
		Benzene	Bromobenzene	Bromochloro-methane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene	p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane
M-31A	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	1.2	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-32	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	1.1	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-33	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	1.0	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-35	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	72	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-37	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	42	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-38	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	0.41 J	<0.25	<0.40	720	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-44	05/12/2020	<0.25	<0.25	<0.25	<0.25	0.80 J	<0.25	<2.5	<0.40	<0.25	2.8	<0.25	<0.40	12	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-48A	05/08/2020	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<13	<2.0	<1.3	1.7 J	<1.3	<2.0	250	<1.3	<1.3	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3	<1.3
M-52	05/18/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	95	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-57A	05/13/2020	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<25	<4.0	<2.5	5.8	<2.5	<4.0	1,100	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5
M-64	05/14/2020	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<13	<2.0	<1.3	<1.3	<1.3	<2.0	230	<1.3	<1.3	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3	<1.3
M-65	05/15/2020	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<25	<4.0	<2.5	<2.5	<2.5	<4.0	750	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5
M-66	05/15/2020	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<25	<4.0	<2.5	<2.5	<2.5	<4.0	840	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5
	05/15/2020-FD	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<25	<4.0	<2.5	<2.5	<2.5	<4.0	850	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5
M-67	05/12/2020	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<13	<2.0	<1.3	<1.3	<1.3	<2.0	520	<1.3	<1.3	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3	<1.3
	05/12/2020-FD	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<13	<2.0	<1.3	<1.3	<1.3	<2.0	540	<1.3	<1.3	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3	<1.3
M-68	05/12/2020	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<13	<2.0	<1.3	<1.3	<1.3	<2.0	250	<1.3	<1.3	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3	<1.3
M-69	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	0.31 J	<0.25	<0.40	53	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-70	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	0.60	<0.25	<0.40	180	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-71	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	0.73	<0.25	<0.40	290	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-72	05/14/2020	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<13	<2.0	<1.3	<1.3	<1.3	<2.0	690	<1.3	<1.3	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3	<1.3
M-73	05/11/2020	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<25	<4.0	<2.5	<2.5	<2.5	<4.0	560	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5
M-74	05/12/2020	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<13	<2.0	<1.3	<1.3	<1.3	<2.0	280	<1.3	<1.3	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3	<1.3
M-75	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	100	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-76	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	0.29 J	<0.25	<0.40	47	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-77R	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	12	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-79	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	55	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-80	05/13/2020	<0.25	<0.25	<0.25	0.54	1.9	<0.25	<2.5	<0.40	<0.25	2.0	<0.25	<0.40	220	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	05/13/2020-FD	<0.25	<0.25	<0.25	0.44 J	1.7	<0.25	<2.5	<0.40	<0.25	1.7	<0.25	<0.40	180	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-81A	05/12/2020	<0.25	<0.25	<0.25	0.42 J	<0.40	<0.25	<2.5	<0.40	<0.25	3.8	<0.25	<0.40	250	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-83	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	2.7	<0.25	<0.40	55	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-92	05/18/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	0.53	<0.25	<0.40	58	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																					
		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoro-methane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	1,4-Dioxane	Ethyl benzene	Ethyl tert-butyl ether	Hexachloro-butadiene	Methylene Chloride	Naphthalene	n-Propylbenzene
M-31A	05/14/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-32	05/14/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-33	05/14/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-35	05/13/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-37	05/14/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	1.7	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	1.1 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-38	05/14/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	0.87 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-44	05/12/2020	0.45 J	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	0.84 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-48A	05/08/2020	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	<0.50	<1.3	<1.3	<1.3	<4.4	<2.0	<1.3
M-52	05/18/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-57A	05/13/2020	<2.5	<2.5	<2.5	<4.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<2.5	<2.5	<0.50	<2.5	<2.5	<2.5	<8.8	<4.0	<2.5
M-64	05/14/2020	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	1.6 J	<1.3	<1.3	<1.3	<4.4	<2.0	<1.3
M-65	05/15/2020	<2.5	<2.5	<2.5	<4.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<2.5	<2.5	0.65 J	<2.5	<2.5	<2.5	<8.8	<4.0	<2.5
M-66	05/15/2020	<2.5	<2.5	<2.5	<4.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<2.5	<2.5	0.57 J	<2.5	<2.5	<2.5	<8.8	<4.0	<2.5
	05/15/2020-FD	<2.5	<2.5	<2.5	<4.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<2.5	<2.5	<0.50	<2.5	<2.5	<2.5	<8.8	<4.0	<2.5
M-67	05/12/2020	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	<0.50	<1.3	<1.3	<1.3	<4.4	<2.0	<1.3
	05/12/2020-FD	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	<0.50	<1.3	<1.3	<1.3	<4.4	<2.0	<1.3
M-68	05/12/2020	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	<0.50	<1.3	<1.3	<1.3	<4.4	<2.0	<1.3
M-69	05/13/2020	3.3	0.33 J	0.81	<0.40	<0.25	<0.25	0.34 J	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-70	05/15/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	0.69 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-71	05/15/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	1.3 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-72	05/14/2020	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	0.54 J	<1.3	<1.3	<1.3	<4.4	<2.0	<1.3
M-73	05/11/2020	<2.5	<2.5	<2.5	<4.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<2.5	<2.5	<0.50	<2.5	<2.5	<2.5	<8.8	<4.0	<2.5
M-74	05/12/2020	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	0.54 J	<1.3	<1.3	<1.3	<4.4	<2.0	<1.3
M-75	05/13/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	7.9	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	1.2 J+	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-76	05/13/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	26	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	0.98 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-77R	05/14/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-79	05/13/2020	2.5	0.34 J	0.89	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-80	05/13/2020	0.36 J	0.34 J	0.35 J	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
	05/13/2020-FD	0.36 J	0.30 J	0.33 J	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	0.25 UJ	<0.25	<0.88	<0.40	<0.25
M-81A	05/12/2020	1.8	2.3	0.91	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-83	05/13/2020	0.47 J	0.41 J	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-92	05/18/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	0.49 J	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																	
		Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	tert-Butylbenzene
M-31A	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-32	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-33	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-35	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.013	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-37	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	0.65	<0.25	0.12	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-38	05/14/2020	<0.25	<0.25	<0.25	0.28 J	<0.25	<0.40	<0.40	<0.25	<0.25	5.0	<0.25	0.086	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-44	05/12/2020	<0.25	<0.25	<0.25	0.75	<0.25	<0.40	<0.40	<0.25	<0.25	0.31 J	<0.25	0.29	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-48A	05/08/2020	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<2.0	<1.3	<1.3	<1.3	<1.3	0.061	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3
M-52	05/18/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.019	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-57A	05/13/2020	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<4.0	<2.5	<2.5	<2.5	<2.5	0.19	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5
M-64	05/14/2020	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<2.0	<1.3	<1.3	1.8 J	<1.3	0.16	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3
M-65	05/15/2020	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<4.0	<2.5	<2.5	5.4	<2.5	0.099	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5
M-66	05/15/2020	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<4.0	<2.5	<2.5	<2.5	<2.5	0.098	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5
	05/15/2020-FD	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<4.0	<2.5	<2.5	<2.5	<2.5	0.099	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5
M-67	05/12/2020	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<2.0	<1.3	<1.3	<1.3	<1.3	0.052	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3
	05/12/2020-FD	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<2.0	<1.3	<1.3	<1.3	<1.3	0.053	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3
M-68	05/12/2020	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<2.0	<1.3	<1.3	<1.3	<1.3	0.050	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3
M-69	05/13/2020	<0.25	<0.25	<0.25	0.49 J	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.42 J+	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-70	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	0.72	<0.25	0.15	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-71	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	4.3	<0.25	0.15	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-72	05/14/2020	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<2.0	<1.3	<1.3	<1.3	<1.3	0.15	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3
M-73	05/11/2020	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<4.0	<2.5	<2.5	<2.5	<2.5	0.038	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5
M-74	05/12/2020	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<2.0	<1.3	<1.3	<1.3	<1.3	0.056	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3
M-75	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	0.70	<0.25	0.11 J+	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-76	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	3.5	<0.25	0.19	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-77R	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.011	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-79	05/13/2020	<0.25	<0.25	<0.25	0.46 J	<0.25	<0.40	<0.40	<0.25	<0.25	0.26 J	<0.25	0.30 J+	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-80	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	0.83	<0.25	0.082	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
	05/13/2020-FD	0.25 UJ	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	0.68	<0.25	0.076	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-81A	05/12/2020	<0.25	<0.25	<0.25	3.2	<0.25	<0.40	<0.40	<0.25	<0.25	0.31 J	<0.25	0.12	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-83	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.038 J+	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-92	05/18/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	4.5	<0.25	0.38	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																					
		Benzene	Bromobenzene	Bromochloro-methane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene	p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane
M-93	05/14/2020	<0.25	<0.25	<0.25	1.9	<0.40	<0.25	<2.5	<0.40	<0.25	0.77	<0.25	<0.40	81	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	0.63	<0.25	<0.25
M-97	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	5.2	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-103	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	0.36 J	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-115	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	1.2	<0.25	<0.40	77	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-117	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-118	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-120	05/18/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	2.2	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-121	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	1.7	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-123	05/13/2020	5,000	<25	<25	<25	<40	<25	<250	<40	<25	410	13,000	<40	6,200	<25	<25	<25	<25	<25	<50	<25	<25	<25
M-124	05/13/2020	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<25	<4.0	<2.5	16	<2.5	<4.0	790	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5
M-125	05/13/2020	4,000	<100	<100	<100	<160	<100	<1,000	<160	<100	<100	20,000	<160	14,000	<100	<100	<100	<100	<100	<200	<100	<100	<100
	05/13/2020-FD	4,200	<100	<100	<100	<160	<100	<1,000	<160	<100	<100	19,000	<160	14,000	<100	<100	<100	<100	<100	<200	<100	<100	<100
M-126	05/13/2020	5,100	<25	<25	<25	<40	<25	<250	<40	<25	<25	8,100	<40	20,000	<25	<25	<25	<25	<25	<50	<25	<25	<25
M-129	05/18/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	0.35 J	<0.25	<0.40	160	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-132	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-133	05/12/2020	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<13	<2.0	<1.3	<1.3	<1.3	<2.0	290	<1.3	<1.3	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3	<1.3
M-134	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	0.96	<0.25	<0.40	170	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-135	05/13/2020	<0.50	<0.50	<0.50	<0.50	<0.80	<0.50	<5.0	<0.80	<0.50	1.7	<0.50	<0.80	290	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50
M-136	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-137	05/18/2020	<0.25	<0.25	<0.25	0.34 J	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	1.6	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-138	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	1.9	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-139	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	2.7	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-140	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	57	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-141	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	170	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-142	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	1.4	<0.25	<0.40	120	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-144	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	2.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-145	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	0.29 J	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-147	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	28	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-148A	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	11	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-149	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	120	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-150	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-151	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																					
		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoro-methane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	1,4-Dioxane	Ethyl benzene	Ethyl tert-butyl ether	Hexachloro-butadiene	Methylene Chloride	Naphthalene	n-Propylbenzene
M-93	05/14/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	0.63	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-97	05/14/2020	<0.25	<0.25	<0.25	<0.40	0.49 J	<0.25	41	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	3.9 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-103	05/15/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-115	05/13/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	1.4	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	0.62 J+	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-117	05/15/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-118	05/14/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-120	05/18/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-121	05/14/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-123	05/13/2020	880	49 J	1,600	<40	<25	<25	<25	<25	<25	<25	<25	<40	<25	<25	<25	<20	<25	<25	<25	<88	<40	<25
M-124	05/13/2020	<2.5	<2.5	<2.5	<4.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<2.5	<2.5	<0.50	<2.5	<2.5	<2.5	<8.8	<4.0	<2.5
M-125	05/13/2020	<100	<100	<100	<160	<100	<100	<100	<100	<100	<100	<100	<160	<100	<100	<100	<50	<100	<100	<100	<350	<160	<100
	05/13/2020-FD	<100	<100	<100	<160	<100	<100	<100	<100	<100	<100	<100	<160	<100	<100	<100	<50	<100	<100	<100	<350	<160	<100
M-126	05/13/2020	610	39 J	800	<40	<25	<25	<25	<25	<25	<25	<25	<40	<25	<25	<25	<50	<25	<25	<25	<88	<40	<25
M-129	05/18/2020	0.25 J	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	0.88	<0.88	<0.40	<0.25
M-132	05/12/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-133	05/12/2020	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	<0.50	<1.3	<1.3	<1.3	<4.4	<2.0	<1.3
M-134	05/12/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-135	05/13/2020	<0.50	<0.50	<0.50	<0.80	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.80	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.8	<0.80	<0.50
M-136	05/13/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-137	05/18/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-138	05/15/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-139	05/14/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-140	05/15/2020	0.67	<0.25	0.42 J	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	0.58 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-141	05/14/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-142	05/14/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	0.58	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-144	05/15/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	14	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	3.6	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-145	05/14/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-147	05/14/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-148A	05/14/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	0.83 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-149	05/14/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-150	05/15/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-151	05/11/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																	
		Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	tert-Butylbenzene
M-93	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	7.6	<0.25	0.37	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-97	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	32	<0.25	0.11	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-103	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-115	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	4.6	<0.25	0.29 J+	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-117	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-118	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-120	05/18/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-121	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-123	05/13/2020	<25	<25	<25	55	<25	<40	<40	<25	<25	<25	<25	<0.10	<25	<25	<25	<50	<25	<25
M-124	05/13/2020	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<4.0	<2.5	<2.5	5.0	<2.5	<0.0025	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5
M-125	05/13/2020	<100	<100	<100	<100	<100	<160	<160	<100	<100	<100	<100	<0.25	<100	<100	120 J	<200	<100	<100
	05/13/2020-FD	<100	<100	<100	<100	<100	<160	<160	<100	<100	<100	<100	<0.25	<100	<100	<100	<200	<100	<100
M-126	05/13/2020	<25	<25	<25	<25	<25	<40	<40	<25	<25	<25	<25	<0.25	<25	<25	<25	<50	<25	<25
M-129	05/18/2020	<0.25	<0.25	<0.25	0.66	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.049	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-132	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.0063	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-133	05/12/2020	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<2.0	<1.3	<1.3	<1.3	<1.3	0.038	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3
M-134	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.058	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-135	05/13/2020	<0.50	<0.50	<0.50	0.65 J	<0.50	<0.80	<0.80	<0.50	<0.50	1.0	<0.50	0.29	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50
M-136	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.0028 J	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-137	05/18/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	2.4	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-138	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-139	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-140	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.19	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-141	05/14/2020	<0.25	<0.25	<0.25	0.42 J	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.016	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-142	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	3.6	<0.25	0.16	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-144	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	2.8	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-145	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-147	05/14/2020	<0.25	<0.25	<0.25	0.45 J	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.022	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-148A	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.011	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-149	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.015	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-150	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-151	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																					
		Benzene	Bromobenzene	Bromochloro-methane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene	p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane
M-152	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	05/12/2020-FD	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-153	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-154	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-155	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-156	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-159	05/12/2020	<13	<13	<13	<13	<20	<13	<130	<20	<13	27	<13	<20	2,800	<13	<13	<13	<13	<13	<25	<13	<13	<13
M-160	05/13/2020	<25	<25	<25	<25	<40	<25	<250	<40	<25	90	<25	<40	4,500	<25	<25	<25	<25	<25	<50	<25	<25	<25
M-161	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-161D	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-162	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	05/15/2020-FD	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-162D	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	9.6	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-163	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-164	05/15/2020	<0.50	<0.50	<0.50	<0.50	<0.80	<0.50	<5.0	<0.80	<0.50	<0.50	<0.50	<0.80	170	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50
M-165	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-181	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-182	05/12/2020	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<25	<4.0	<2.5	4.2 J	<2.5	<4.0	1,100	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5
M-186	05/14/2020	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<25	<4.0	<2.5	<2.5	<2.5	<4.0	1,200	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5
M-186D	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	0.32 J	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-189	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	1.6	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-190	05/14/2020	<0.25	<0.25	<0.25	0.38 J	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	7.0	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-191	05/15/2020	<0.25	<0.25	<0.25	0.37 J	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	87	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-192	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	16	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-193	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	10	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-204	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-205	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	1.0 J+	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-206	05/11/2020	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<25	<4.0	<2.5	6.2	<2.5	<4.0	540	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5
M-207	05/12/2020	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<25	<4.0	<2.5	<2.5	<2.5	<4.0	700	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5
M-208	05/13/2020	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<13	<2.0	<1.3	4.9	<1.3	<2.0	190	<1.3	<1.3	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3	<1.3
M-209	05/13/2020	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<25	<4.0	<2.5	6.0	<2.5	<4.0	440	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5
	05/13/2020-FD	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<25	<4.0	<2.5	6.4	<2.5	<4.0	460	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																	
		Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	tert-Butylbenzene
M-152	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
	05/12/2020-FD	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-153	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-154	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-155	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-156	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-159	05/12/2020	<13	<13	<13	<13	<13	<20	<20	<13	<13	<13	<13	0.023	<13	<13	13 J	<25	<13	<13
M-160	05/13/2020	<25	<25	<25	<25	<25	<40	<40	<25	<25	<25	<25	0.062 J	<25	<25	<25	<50	<25	<25
M-161	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-161D	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-162	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
	05/15/2020-FD	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-162D	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-163	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-164	05/15/2020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.80	<0.80	<0.50	<0.50	1.8	<0.50	0.063	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50
M-165	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-181	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-182	05/12/2020	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<4.0	<2.5	<2.5	<2.5	<2.5	0.10	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5
M-186	05/14/2020	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<4.0	<2.5	<2.5	<2.5	<2.5	0.094	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5
M-186D	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-189	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.0027 J	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-190	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.0058	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-191	05/15/2020	<0.25	<0.25	<0.25	0.34 J	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-192	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-193	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.0093	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-204	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-205	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.011	<0.25	<0.25	0.32 J	<0.50	<0.25	<0.25
M-206	05/11/2020	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<4.0	<2.5	<2.5	<2.5	<2.5	0.11	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5
M-207	05/12/2020	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<4.0	<2.5	<2.5	<2.5	<2.5	0.21	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5
M-208	05/13/2020	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<2.0	<1.3	<1.3	<1.3	<1.3	0.090	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3
M-209	05/13/2020	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<4.0	<2.5	<2.5	<2.5	<2.5	0.10	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5
	05/13/2020-FD	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<4.0	<2.5	<2.5	<2.5	<2.5	0.097	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																					
		Benzene	Bromobenzene	Bromochloro-methane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene	p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane
M-210	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-211	05/12/2020	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<13	<2.0	<1.3	2.4 J	<1.3	<2.0	170	<1.3	<1.3	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3	<1.3
M-212	05/12/2020	<0.25	<0.25	<0.25	0.77	<0.40	<0.25	<2.5	<0.40	<0.25	0.30 J	<0.25	<0.40	87	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-213	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-214	05/12/2020	<0.50	<0.50	<0.50	<0.50	<0.80	<0.50	<5.0	<0.80	<0.50	<0.50	<0.50	<0.80	120	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50
M-220	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	1.9	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-260	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-261	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	13	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-262	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-263	05/11/2020	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<25	<4.0	<2.5	2.5 J	<2.5	<4.0	590	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5
M-264	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-265	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	2.0	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-266	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-267	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
M-268	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
MC-3	05/11/2020	110	<25	<25	<25	<40	<25	<250	<40	<25	<25	13,000	<40	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25
MC-6	05/11/2020	0.76	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	2.8	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
MC-7	05/11/2020	6.4 J	<5.0	<5.0	<5.0	<8.0	<5.0	<50	<8.0	<5.0	<5.0	890	<8.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
	05/11/2020-FD	6.0 J	<5.0	<5.0	<5.0	<8.0	<5.0	<50	<8.0	<5.0	<5.0	890	<8.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
MC-50	05/11/2020	1.1	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	170	<0.40	0.65	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
MC-51	05/11/2020	0.33 J	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	1.5	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
MC-53	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	1.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	05/12/2020-FD	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	1.7	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
MC-65R2	05/08/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	0.72	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
MC-69	05/11/2020	0.36 J	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	4.2	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
MC-93	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	6.0	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
MC-97	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
MC-MW-37R2	05/08/2020	3.1	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	370	<0.40	0.99	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
MW-16	05/14/2020	190	<0.50	<0.50	<0.50	<0.80	<0.50	<5.0	<0.80	<0.50	<0.50	350	<0.80	3.6	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50
MW-K4	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	6.1	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
MW-K5	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	0.88	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-2	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	9.2	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																					
		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoro-methane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	1,4-Dioxane	Ethyl benzene	Ethyl tert-butyl ether	Hexachloro-butadiene	Methylene Chloride	Naphthalene	n-Propylbenzene
M-210	05/12/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-211	05/12/2020	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	<0.50	<1.3	<1.3	<1.3	<4.4	<2.0	<1.3
M-212	05/12/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-213	05/13/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-214	05/12/2020	<0.50	<0.50	<0.50	<0.80	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.80	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.8	<0.80	<0.50
M-220	05/11/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-260	05/11/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-261	05/11/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-262	05/11/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-263	05/11/2020	<2.5	<2.5	<2.5	<4.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<2.5	<2.5	1.0 J	<2.5	<2.5	<2.5	<8.8	<4.0	<2.5
M-264	05/11/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-265	05/12/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-266	05/12/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-267	05/11/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
M-268	05/12/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
MC-3	05/11/2020	100	<25	160	<40	<25	<25	<25	<25	<25	<25	<25	<40	<25	<25	<25	<50	<25	<25	<25	<88	<40	<25
MC-6	05/11/2020	0.28 J	<0.25	<0.25	<0.40	0.28 J	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	2.6	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
MC-7	05/11/2020	120	6.9 J	180	<8.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<8.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<18	<8.0	<5.0
	05/11/2020-FD	110	7.8 J	160	<8.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<8.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<18	<8.0	<5.0
MC-50	05/11/2020	3.1	0.37 J	5.0	<0.40	0.61	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	2.4	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
MC-51	05/11/2020	<0.25	<0.25	0.42 J	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	2.3	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
MC-53	05/12/2020	<0.25	<0.25	0.41 J	<0.40	1.9	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	1.7 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
	05/12/2020-FD	<0.25	<0.25	0.37 J	<0.40	1.8	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	1.9 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
MC-65R2	05/08/2020	2.3	<0.25	4.7	<0.40	6.2	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	0.85 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
MC-69	05/11/2020	0.64	<0.25	1.1	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	2.5	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
MC-93	05/12/2020	<0.25	<0.25	<0.25	<0.40	1.4	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	1.2 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
MC-97	05/11/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	2.5	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
MC-MW-37R2	05/08/2020	7.4	<0.25	9.5	<0.40	4.7	<0.25	0.33 J	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<2.5	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
MW-16	05/14/2020	42	2.2	52	<0.80	2.6	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.80	<0.50	<0.50	<0.50	<1.3	<0.50	<0.50	<0.50	<1.8	<0.80	<0.50
MW-K4	05/06/2020	<0.25	<0.25	<0.25	<0.40	0.26 J	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
MW-K5	05/05/2020	<0.25	<0.25	<0.25	<0.40	1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-2	05/06/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	0.68 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																	
		Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	tert-Butylbenzene
M-210	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-211	05/12/2020	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<2.0	<1.3	<1.3	<1.3	<1.3	0.082	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3
M-212	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.034	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-213	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-214	05/12/2020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.80	<0.80	<0.50	<0.50	<0.50	<0.50	0.049	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50
M-220	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-260	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-261	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-262	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-263	05/11/2020	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<4.0	<2.5	<2.5	<2.5	<2.5	0.099	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5
M-264	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-265	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-266	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-267	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.0066	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
M-268	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
MC-3	05/11/2020	<25	<25	<25	<25	<25	<40	90 J	<25	<25	<25	<25	<0.25	<25	<25	<25	<50	<25	<25
MC-6	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.25	1.4	1.4	<0.25	<0.25	<0.25	<0.25	0.0046 J	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
MC-7	05/11/2020	<5.0	<5.0	<5.0	<5.0	<5.0	16 J	49	<5.0	<5.0	28	<5.0	<0.025	<5.0	<5.0	<5.0	<10	<5.0	<5.0
	05/11/2020-FD	<5.0	<5.0	<5.0	<5.0	<5.0	14 J	43	<5.0	<5.0	27	<5.0	0.033 J	<5.0	<5.0	<5.0	<10	<5.0	<5.0
MC-50	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.25	1.1	6.8	<0.25	<0.25	0.46 J	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
MC-51	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.25	0.46 J	1.3	<0.25	<0.25	<0.25	<0.25	0.0047 J	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
MC-53	05/12/2020	<0.25	<0.25	<0.25	1.8	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.0036 J	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
	05/12/2020-FD	--	<0.25	<0.25	1.8	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.0041 J	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
MC-65R2	05/08/2020	<0.25	<0.25	<0.25	1.1	<0.25	<0.40	<0.40	<0.25	<0.25	0.96	<0.25	0.011	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
MC-69	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.25	0.59 J	1.9	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
MC-93	05/12/2020	0.25 UJ	<0.25	<0.25	5.3	<0.25	<0.40	<0.40	<0.25	<0.25	0.38 J	<0.25	0.0071	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
MC-97	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
MC-MW-37R2	05/08/2020	<0.25	<0.25	<0.25	1.1	<0.25	<0.40	<0.40	<0.25	<0.25	0.57	<0.25	<0.013	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
MW-16	05/14/2020	<0.50	<0.50	<0.50	1.0	<0.50	<0.80	<0.80	<0.50	<0.50	<0.50	<0.50	<0.0063	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50
MW-K4	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.011	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
MW-K5	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.0034 J	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-2	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.0025 J	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																					
		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoro-methane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	1,4-Dioxane	Ethyl benzene	Ethyl tert-butyl ether	Hexachloro-butadiene	Methylene Chloride	Naphthalene	n-Propylbenzene
PC-4	05/06/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	1.2 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-18	05/06/2020	3.2	1.3	2.3	<0.40	3.9	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	1.6 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-21A	05/08/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	0.47 J	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	2.8	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-24	05/07/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-28	05/07/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
	05/07/2020-FD	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-31	05/08/2020	6.9	0.46 J	11	<0.40	1.3	0.31 J	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-40R	05/08/2020	11	1.6	21	<0.40	11	0.46 J	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	2.5	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-50	05/07/2020	5.3	1.4	4.3	<0.40	3.6	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	1.8 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-53	05/06/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-54	05/08/2020	0.91	1.4	0.76	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	0.27 J	<0.88	<0.40	<0.25
PC-55	05/06/2020	0.62	0.40 J	0.97	<0.40	1.2	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-56	05/05/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-58	05/04/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
	05/04/2020-FD	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-59	05/06/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-60	05/06/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-62	05/06/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-64	05/07/2020	1.1	1.9	0.80	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
	05/07/2020-FD	1.2	2.5	0.97	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-65	05/07/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-66	05/07/2020	0.48 J	0.86	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	0.52 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-67	05/07/2020	<2.5	<2.5	<2.5	<4.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<2.5	<2.5	1.9 J	<2.5	<2.5	<2.5	<8.8	<4.0	<2.5
PC-71	05/08/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	0.96 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-72	05/08/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	1.2 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-74	05/15/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-77	05/06/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-79	05/04/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-82	05/05/2020	<0.25	<0.25	0.41 J	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-86	05/04/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-90	05/05/2020	<0.25	<0.25	<0.25	<0.40	0.31 J	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-91	05/05/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																	
		Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	tert-Butylbenzene
PC-4	05/06/2020	<0.25	<0.25	<0.25	0.80	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.050	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-18	05/06/2020	<0.25	<0.25	<0.25	0.45 J	<0.25	2.1	4.2	<0.25	<0.25	2.3	<0.25	0.026	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-21A	05/08/2020	<0.25	<0.25	<0.25	51	<0.25	<0.40	<0.40	<0.25	<0.25	0.68	<0.25	0.013	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-24	05/07/2020	<0.25	<0.25	<0.25	0.27 J	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.0053	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-28	05/07/2020	<0.25	<0.25	<0.25	0.97 J	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.069	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
	05/07/2020-FD	<0.25	<0.25	<0.25	0.55 J	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.059	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-31	05/08/2020	<0.25	<0.25	<0.25	<0.25	<0.25	1.3	11	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-40R	05/08/2020	--	<0.25	<0.25	1.1	<0.25	0.64 J	2.0	<0.25	<0.25	5.8	<0.25	0.015	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-50	05/07/2020	<0.25	<0.25	<0.25	0.40 J	<0.25	3.1	7.5	<0.25	<0.25	2.4	<0.25	0.023	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-53	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.0086	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-54	05/08/2020	<0.25	<0.25	<0.25	1.9	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.096	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-55	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	0.95 J	<0.25	<0.25	0.47 J	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-56	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-58	05/04/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
	05/04/2020-FD	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-59	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-60	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-62	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-64	05/07/2020	<0.25	<0.25	<0.25	1.4 J	<0.25	<0.40	<0.40	<0.25	<0.25	0.68	<0.25	0.096	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
	05/07/2020-FD	--	<0.25	<0.25	2.1 J	<0.25	<0.40	<0.40	<0.25	<0.25	0.58	<0.25	0.11	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-65	05/07/2020	<0.25	<0.25	<0.25	2.8	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.057	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-66	05/07/2020	<0.25	<0.25	<0.25	1.8	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.094	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-67	05/07/2020	<2.5	<2.5	<2.5	24	<2.5	<4.0	<4.0	<2.5	<2.5	<2.5	<2.5	0.046	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5
PC-71	05/08/2020	<0.25	<0.25	<0.25	0.46 J	<0.25	<0.40	<0.40	<0.25	<0.25	0.33 J	<0.25	0.32	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-72	05/08/2020	<0.25	<0.25	<0.25	1.1	<0.25	<0.40	<0.40	<0.25	<0.25	0.44 J	<0.25	0.30	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-74	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-77	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-79	05/04/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-82	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-86	05/04/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-90	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.0033 J	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-91	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																					
		Benzene	Bromobenzene	Bromochloro-methane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene	p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane
PC-94	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	1.2	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
	05/05/2020-FD	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	1.4	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-96	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-97	05/04/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-98R	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	0.28 J	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-101R	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	0.92	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-103	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-107	05/08/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	3.8	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-108	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-110	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	2.0	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-122	05/05/2020	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<25	<4.0	<2.5	<2.5	<2.5	<4.0	340	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5
PC-123	05/07/2020	<0.63	<0.63	<0.63	<0.63	<1.0	<0.63	<6.3	<1.0	<0.63	2.1	<0.63	<1.0	110	<0.63	<0.63	<0.63	<0.63	<0.63	<1.3	<0.63	<0.63	<0.63
PC-124	05/07/2020	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<13	<2.0	<1.3	<1.3	<1.3	<2.0	310	<1.3	<1.3	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3	<1.3
PC-125	05/07/2020	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<13	<2.0	<1.3	<1.3	<1.3	<2.0	260	<1.3	<1.3	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3	<1.3
PC-126	05/07/2020	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<25	<4.0	<2.5	4.1 J	<2.5	<4.0	500	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5
PC-127	05/07/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	1.8	<0.25	<0.40	86	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-128	05/07/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	0.81	<0.25	<0.40	72	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-129	05/07/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	1.1	<0.25	<0.40	50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-130	05/07/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	0.73	<0.25	<0.40	16	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-131	05/07/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	1.3	<0.40	0.57	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-132	05/07/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	4.8	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-134A	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	3.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-134D	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-135A	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	0.81	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-136	05/08/2020	<0.25	<0.25	<0.25	0.67	<0.40	<0.25	<2.5	<0.40	<0.25	1.5	<0.25	<0.40	130	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-137	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-137D	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-142	05/07/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	0.90 J+	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-143	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	0.90	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-144	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-145	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	1.6	<0.25	<0.40	280	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
PC-148	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	110	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																					
		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoro-methane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	1,4-Dioxane	Ethyl benzene	Ethyl tert-butyl ether	Hexachloro-butadiene	Methylene Chloride	Naphthalene	n-Propylbenzene
PC-94	05/05/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	0.99 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
	05/05/2020-FD	<0.25	<0.25	<0.25	<0.40	0.32 J	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	0.52 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-96	05/05/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-97	05/04/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-98R	05/06/2020	<0.25	<0.25	<0.25	<0.40	0.78	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-101R	05/06/2020	<0.25	<0.25	<0.25	<0.40	1.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-103	05/06/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-107	05/08/2020	<0.25	<0.25	<0.25	<0.40	0.46 J	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-108	05/06/2020	<0.25	0.45 J	0.48 J	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-110	05/05/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-122	05/05/2020	<2.5	<2.5	<2.5	<4.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<2.5	<2.5	0.86 J	<2.5	<2.5	<2.5	<8.8	<4.0	<2.5
PC-123	05/07/2020	<0.63	<0.63	<0.63	<1.0	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<1.0	<0.63	<0.63	<0.63	<0.50	<0.63	<0.63	<0.63	<2.2	<1.0	<0.63
PC-124	05/07/2020	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	1.2 J	<1.3	<1.3	<1.3	<4.4	<2.0	<1.3
PC-125	05/07/2020	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<1.3	<1.3	<1.3	0.96 J	<1.3	<1.3	<1.3	<4.4	<2.0	<1.3
PC-126	05/07/2020	<2.5	<2.5	<2.5	<4.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<2.5	<2.5	<2.5	1.2 J	<2.5	<2.5	<2.5	<8.8	<4.0	<2.5
PC-127	05/07/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-128	05/07/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-129	05/07/2020	<0.25	<0.25	<0.25	<0.40	0.84	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	0.56 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-130	05/07/2020	<0.25	<0.25	<0.25	<0.40	1.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	0.68 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-131	05/07/2020	10	2.3	15	<0.40	1.8	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	1.4 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-132	05/07/2020	8.8	1.9	11	<0.40	1.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	0.93 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-134A	05/06/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-134D	05/05/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-135A	05/05/2020	<0.25	<0.25	<0.25	<0.40	1.6	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-136	05/08/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-137	05/05/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-137D	05/06/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-142	05/07/2020	<0.25	<0.25	<0.25	<0.40	1.1	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-143	05/06/2020	<0.25	<0.25	<0.25	<0.40	1.6	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-144	05/05/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-145	05/06/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	0.40 J	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	0.82 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
PC-148	05/06/2020	<0.25	<0.25	<0.25	<0.40	0.86	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																	
		Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	tert-Butylbenzene
PC-94	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.014 J	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
	05/05/2020-FD	<0.25	<0.25	<0.25	0.31 J	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.0093 J	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-96	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-97	05/04/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-98R	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-101R	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-103	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-107	05/08/2020	<0.25	<0.25	<0.25	0.35 J	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-108	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-110	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-122	05/05/2020	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	<4.0	<2.5	<2.5	<2.5	<2.5	0.033	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5
PC-123	05/07/2020	<0.63	<0.63	<0.63	2.2	<0.63	<1.0	<1.0	<0.63	<0.63	<0.63	<0.63	0.076	<0.63	<0.63	<0.63	<1.3	<0.63	<0.63
PC-124	05/07/2020	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<2.0	<1.3	<1.3	<1.3	<1.3	0.024	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3
PC-125	05/07/2020	<1.3	<1.3	<1.3	<1.3	<1.3	<2.0	<2.0	<1.3	<1.3	<1.3	<1.3	0.019	<1.3	<1.3	<1.3	<2.5	<1.3	<1.3
PC-126	05/07/2020	<2.5	<2.5	<2.5	3.6 J	<2.5	<4.0	<4.0	<2.5	<2.5	<2.5	<2.5	0.045	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5
PC-127	05/07/2020	<0.25	<0.25	<0.25	2.4	<0.25	<0.40	<0.40	<0.25	<0.25	0.33 J	<0.25	0.089	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-128	05/07/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.034	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-129	05/07/2020	<0.25	<0.25	<0.25	0.30 J	<0.25	<0.40	<0.40	<0.25	<0.25	0.77	<0.25	0.073	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-130	05/07/2020	--	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	1.1	<0.25	0.070	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-131	05/07/2020	<0.25	<0.25	<0.25	<0.25	<0.25	1.5	12	<0.25	<0.25	2.1	<0.25	0.0068	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-132	05/07/2020	<0.25	<0.25	<0.25	<0.25	<0.25	0.84 J	9.8	<0.25	<0.25	1.6	<0.25	0.0046 J	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-134A	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-134D	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-135A	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	0.25 J	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-136	05/08/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.038	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-137	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-137D	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-142	05/07/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	0.26 J	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-143	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-144	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.022	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-145	05/06/2020	<0.25	<0.25	<0.25	2.5	<0.25	<0.40	<0.40	<0.25	<0.25	0.36 J	<0.25	0.030	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-148	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	0.28 J	<0.25	0.011	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																	
		Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	tert-Butylbenzene
PC-149	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.0041 J	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-151	05/07/2020	<0.25	<0.25	<0.25	<0.25	<0.25	0.74 J	0.92 J	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-152	05/07/2020	<0.25	<0.25	<0.25	<0.25	<0.25	0.54 J	1.9	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-153R	05/07/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	5.1	<0.25	<0.25	0.35 J	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-154	05/08/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-155A	05/04/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-155B	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-156A	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-156B	05/06/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-157A	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-157B	05/05/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-158	05/08/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-159	05/08/2020	<0.25	<0.25	<0.25	<0.25	<0.25	0.71 J	<0.40	<0.25	<0.25	0.35 J	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-160	05/08/2020	<0.25	<0.25	<0.25	<0.25	<0.25	0.79 J	1.7	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-188	05/08/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.068	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-189	05/08/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.021	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-191	05/21/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-195	05/21/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-196	05/21/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-197	05/21/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-198	05/19/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
PC-199	05/19/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
SWFTS-MW07A	05/04/2020	<0.25	<0.25	<0.25	0.27 J	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.0088	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
SWFTS-MW08A	05/05/2020	<0.25	<0.25	<0.25	0.38 J	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.0084	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
SWFTS-MW08C	05/05/2020	0.25 UJ	<0.25	<0.25	0.56	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.044	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
TR-1	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
TR-2	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
TR-3	05/12/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
TR-4	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
TR-5	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
TR-6	05/15/2020	<1.0	<1.0	<1.0	2.8	<1.0	<1.6	<1.6	<1.0	<1.0	<1.0	<1.0	<0.0025	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
TR-7	05/18/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																					
		Benzene	Bromobenzene	Bromochloro-methane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene	p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane
TR-8	05/18/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	3.0	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
TR-9	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
TR-10	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	2.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
TR-11	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
TR-12	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
UFMW-01D	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	0.27 J	<0.40	46	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
UFMW-02D	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	0.48 J	<0.40	32	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
UFMW-03D	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	33	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
UFMW-04D	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	0.26 J	<0.25	<0.40	48	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
UFMW-05D	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	42	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25
UFMW-06D	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<2.5	<0.40	<0.25	<0.25	<0.25	<0.40	33	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25

Notes:

µg/L = micrograms per liter
 FD = field duplicate
 VOC = volatile organic compound

J = Concentration is estimated
 J+ = Estimated concentration, potential positive bias
 < = Concentration is less than indicated laboratory method reporting limit
 UJ = Concentration is less than estimated laboratory method reporting limit

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																					
		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoro-methane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	1,4-Dioxane	Ethyl benzene	Ethyl tert-butyl ether	Hexachloro-butadiene	Methylene Chloride	Naphthalene	n-Propylbenzene
TR-8	05/18/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
TR-9	05/15/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
TR-10	05/15/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
TR-11	05/11/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
TR-12	05/11/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
UFMW-01D	05/13/2020	5.7	0.54	1.3	<0.40	<0.25	<0.25	0.92	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	0.74 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
UFMW-02D	05/13/2020	26	1.3	2.3	<0.40	<0.25	<0.25	0.58	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	0.69 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
UFMW-03D	05/14/2020	17	<0.25	2.6	<0.40	<0.25	<0.25	1.2	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	0.96 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
UFMW-04D	05/14/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	2.1 J+	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	1.2 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
UFMW-05D	05/14/2020	0.46 J	<0.25	0.50	<0.40	<0.25	<0.25	2.3	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	1.1 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25
UFMW-06D	05/14/2020	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	2.5	<0.25	<0.25	<0.25	<0.25	<0.40	<0.25	<0.25	<0.25	1.3 J	<0.25	<0.25	<0.25	<0.88	<0.40	<0.25

Notes:

µg/L = micrograms per liter
 FD = field duplicate
 VOC = volatile organic compound

J = Concentration is estimated
 J+ = Estimated concentration, potential positive bias
 < = Concentration is less than indicated laboratory method reporting limit
 UJ = Concentration is less than estimated laboratory method reporting limit

TABLE A-3: VOC Analytical Data
July 2019 - June 2020
Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Collection Date	VOCs (µg/L)																	
		Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	tert-Butylbenzene
TR-8	05/18/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
TR-9	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
TR-10	05/15/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
TR-11	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
TR-12	05/11/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	<0.0025	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
UFMW-01D	05/13/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	0.40 J	<0.25	0.32	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
UFMW-02D	05/13/2020	<0.25	<0.25	<0.25	0.78	<0.25	<0.40	<0.40	<0.25	<0.25	<0.25	<0.25	0.29	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
UFMW-03D	05/14/2020	<0.25	<0.25	<0.25	0.52	<0.25	<0.40	<0.40	<0.25	<0.25	0.29 J	<0.25	0.23	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
UFMW-04D	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	1.1	<0.25	0.29	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
UFMW-05D	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	0.95	<0.25	0.30	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25
UFMW-06D	05/14/2020	<0.25	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.25	<0.25	0.91	<0.25	0.24	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25

Notes:

µg/L = micrograms per liter
 FD = field duplicate
 VOC = volatile organic compound

J = Concentration is estimated
 J+ = Estimated concentration, potential positive bias
 < = Concentration is less than indicated laboratory method reporting limit
 UJ = Concentration is less than estimated laboratory method reporting limit

TABLE A-4: SUPPLEMENTAL DATA USED IN PREPARATION OF THE 2020 ANNUAL REPORT

Nevada Environmental Response Trust Site

Henderson, Nevada

Well ID	Groundwater Elevation (ft amsl)			Chloroform (µg/L)			Chlorate (mg/L)			Perchlorate (mg/L)			Chromium (µg/L)			Hexavalent Chromium (µg/L)			TDS ¹ (mg/L)		
	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date
AA-01	--	--	--	6.7	BRC	5/27/15	--	--	--	--	--	--	17 J	BRC	5/27/15	14	BRC	5/27/15	--	--	--
AA-08	1,570.37	Endeavour	6/1/20	NA			0.69	Endeavour	6/1/20	2.7	Endeavour	6/1/20	NA			NA			3,600	Endeavour	6/1/20
AA-09	1,657.02	TIMET	6/16/20	55	BRC	6/9/15	--	--	--	--	--	--	--	--	--	93	BRC	6/9/15	--	--	--
AA-10	1,596.60	Endeavour	5/27/20	NA			0.42	Endeavour	5/27/20	1.6	Endeavour	5/27/20	NA			NA			3,800	Endeavour	5/27/20
AA-13	NM			NA			--	--	--	--	--	--	80	BRC	12/16/14	7.5	BRC	12/16/14	--	--	--
AA-19	DRY	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
AA-20	1,598.57	TIMET	6/16/20	46	BRC	6/9/15	NA			NA			NA			NA			NA		
AA-21	1,575.92	Endeavour	6/2/20	NA			0.21	Endeavour	6/2/20	0.1	Endeavour	6/2/20	NA			NA			4,700	Endeavour	6/2/20
AA-27	NM			2	BRC	5/27/15	--	--	--	--	--	--	25 J	BRC	5/27/15	23	BRC	5/27/15	--	--	--
AA-BW-03A	1,702.87	OSSM	6/2/20	<4.0	OSSM	6/17/20	NA			11	OSSM	6/17/20	<2.5	OSSM	6/17/20	NA			7,700	OSSM	6/17/20
AA-BW-09A	1,716.32	OSSM	6/3/20	2,800	OSSM	6/12/20	NA			<0.020	OSSM	6/12/20	3.4 J	OSSM	6/12/20	NA			53,000	OSSM	6/12/20
AA-MW-05	1,799.10	OSSM	6/3/20	<2.0	OSSM	6/11/20	NA			0.065	OSSM	6/11/20	8.2	OSSM	6/11/20	NA			2,100	OSSM	6/11/20
AA-MW-13R	1,768.88	OSSM	6/4/20	<400	OSSM	6/18/20	NA			<0.040	OSSM	6/18/20	17 J	OSSM	6/18/20	NA			100,000	OSSM	6/18/20
AA-MW-25	1,747.49	OSSM	6/4/20	12,000 J-	OSSM	6/18/20	NA			0.41	OSSM	6/18/20	1.7 J	OSSM	6/18/20	NA			14,000	OSSM	6/18/20
AA-UW1	1,721.41	TIMET	6/16/20	0.85 J	BRC	5/27/15	--	--	--	--	--	--	21 J	BRC	5/27/15	14	BRC	5/27/15	--	--	--
AA-UW2	--	--	--	0.73 J	BRC	5/28/15	--	--	--	--	--	--	21 J	BRC	5/28/15	15	BRC	6/2/15	--	--	--
AA-UW3	NM			NA			<0.1	BRC	5/28/15	0.087	BRC	5/25/15	36 J	BRC	5/28/15	29	BRC	6/2/15	4,800	BRC	5/28/15
AA-UW4	NM			NA			--	--	--	--	--	--	32 J	BRC	5/28/15	13	BRC	6/2/15	--	--	--
AA-UW5	NM			NA			--	--	--	--	--	--	<5	BRC	5/29/15	2.3	BRC	5/29/15	--	--	--
AA-UW6	NM			0.85 J	BRC	6/2/15	<0.1	BRC	5/29/15	0.045	BRC	5/29/15	8.5 J	BRC	5/29/15	3.7	BRC	5/29/15	4,000	BRC	5/29/15
AAX-15	1,628.75	Endeavour	5/11/20	NA			0.16	Endeavour	5/11/20	0.17	Endeavour	5/11/20	NA			NA			3,400	Endeavour	5/11/20
ACX-16	1,670.20	Endeavour	4/26/20	NA			8.7	Endeavour	4/26/20	42	Endeavour	4/26/20	NA			NA			4,300	Endeavour	4/26/20
ACY-15	1,691.26	Endeavour	4/26/20	NA			0.27	Endeavour	4/26/20	0.68	Endeavour	4/26/20	NA			NA			3,500	Endeavour	4/26/20
ADX-112	1,774.23	Endeavour	4/19/20	NA			0.49	Endeavour	4/19/20	2.5	Endeavour	4/19/20	NA			NA			990	Endeavour	4/19/20
ADX-135	1,766.22	Endeavour	4/19/20	NA			3.9	Endeavour	4/19/20	15	Endeavour	4/19/20	NA			NA			1,000	Endeavour	4/19/20
ADX-156	1,734.70	Endeavour	4/19/20	NA			2	Endeavour	4/19/20	6.9	Endeavour	4/19/20	NA			NA			1,000	Endeavour	4/19/20
ADY-36	1,737.29	Endeavour	5/17/20	NA			16	Endeavour	5/17/20	82	Endeavour	5/17/20	NA			NA			5,400	Endeavour	5/17/20
ADY-70	1,736.26	Endeavour	5/17/20	NA			4.2	Endeavour	5/17/20	20	Endeavour	5/17/20	NA			NA			1,400	Endeavour	5/17/20
ADY-166	1,740.81	Endeavour	5/17/20	NA			<0.007	Endeavour	5/17/20	<0.001	Endeavour	5/17/20	NA			NA			950	Endeavour	5/17/20
ADYX-38	1,740.54	Endeavour	5/17/20	NA			18	Endeavour	5/17/20	88	Endeavour	5/17/20	NA			NA			5,000	Endeavour	5/17/20
ADYX-165	1,744.41	Endeavour	5/17/20	NA			<0.007	Endeavour	5/17/20	0.0051	Endeavour	5/17/20	NA			NA			960	Endeavour	5/17/20
AEX-35	1,745.24	Endeavour	4/19/20	NA			22	Endeavour	4/19/20	55	Endeavour	4/19/20	NA			NA			2,400	Endeavour	4/19/20
AEX-166	1,745.61	Endeavour	4/19/20	NA			8.8	Endeavour	4/19/20	37	Endeavour	4/19/20	NA			NA			120	Endeavour	4/19/20
AFX-30	1,765.71	Endeavour	5/17/20	NA			6	Endeavour	5/17/20	11	Endeavour	5/17/20	NA			NA			1,900	Endeavour	5/17/20
AFX-75	1,763.31	Endeavour	5/17/20	NA			<0.007	Endeavour	5/17/20	<0.001	Endeavour	5/17/20	NA			NA			700	Endeavour	5/17/20
AFX-148	1,757.25	Endeavour	5/17/20	NA			<0.007	Endeavour	5/17/20	0.043	Endeavour	5/17/20	NA			NA			960	Endeavour	5/17/20
AFX-195	1,763.55	Endeavour	5/17/20	NA			0.62	Endeavour	5/17/20	<0.001	Endeavour	5/17/20	NA			NA			940	Endeavour	5/17/20
AGX-50	1,716.73	Endeavour	5/25/20	NA			0.022	Endeavour	5/25/20	0.066	Endeavour	5/25/20	NA			NA			910	Endeavour	5/25/20

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Nevada Environmental Response Trust Site

Henderson, Nevada

Well ID	Groundwater Elevation (ft amsl)			Chloroform (µg/L)			Chlorate (mg/L)			Perchlorate (mg/L)			Chromium (µg/L)			Hexavalent Chromium (µg/L)			TDS ¹ (mg/L)		
	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date
AGX-90	1,720.26	Endeavour	5/25/20	<2.0	OSSM	6/11/20	<0.002	Endeavour	5/25/20	<0.00031	Endeavour	5/25/20	11	OSSM	6/11/20	NA			720	OSSM	6/11/20
AGX-160	1,733.87	Endeavour	5/25/20	NA			<0.002	Endeavour	5/25/20	<0.00031	Endeavour	5/25/20	NA			NA			920	Endeavour	5/25/20
AGX-190	1,738.94	Endeavour	5/25/20	NA			<0.002	Endeavour	5/25/20	<0.00031	Endeavour	5/25/20	NA			NA			920	Endeavour	5/25/20
AGX-230	1,771.11	Endeavour	5/25/20	NA			<0.002	Endeavour	5/25/20	<0.00031	Endeavour	5/25/20	NA			NA			930	Endeavour	5/25/20
AK-25	1,712.11	Endeavour	5/25/20	NA			12	Endeavour	5/25/20	37	Endeavour	5/25/20	NA			NA			5,100	Endeavour	5/25/20
AK-86	1,716.58	Endeavour	5/25/20	NA			0.032	Endeavour	5/25/20	0.9	Endeavour	5/25/20	NA			NA			940	Endeavour	5/25/20
AK-145	1,735.70	Endeavour	5/25/20	NA			<0.002	Endeavour	5/25/20	<0.00031	Endeavour	5/25/20	NA			NA			950	Endeavour	5/25/20
AK-204	1,770.18	Endeavour	5/25/20	NA			<0.002	Endeavour	5/25/20	<0.00031	Endeavour	5/25/20	NA			NA			990	Endeavour	5/25/20
AMEW-1	1,677.05	Endeavour	4/27/20	NA			62	Endeavour	4/27/20	160	Endeavour	4/27/20	NA			NA			2,100	Endeavour	4/27/20
AMEW-2	1,639.93	Endeavour	4/21/20	NA			33	Endeavour	4/21/20	170	Endeavour	4/21/20	NA			NA			2,200	Endeavour	4/21/20
AMEW-3	1,641.96	Endeavour	4/21/20	NA			26	Endeavour	4/21/20	130	Endeavour	4/21/20	NA			NA			1,600	Endeavour	4/21/20
AMEW-4	1,645.46	Endeavour	6/16/20	NA			27	Endeavour	6/16/20	81	Endeavour	6/16/20	NA			NA			1,100	Endeavour	6/16/20
AMEW-5	1,658.03	Endeavour	4/19/20	NA			19	Endeavour	4/19/20	86	Endeavour	4/19/20	NA			NA			1,300	Endeavour	4/19/20
AMOW-3-52	1,745.85	Endeavour	4/21/20	NA			11	Endeavour	4/21/20	58	Endeavour	4/21/20	NA			NA			2,900	Endeavour	4/21/20
AMOW-3-165	1,728.09	Endeavour	4/21/20	NA			0.21	Endeavour	4/21/20	1.3	Endeavour	4/21/20	NA			NA			980	Endeavour	4/21/20
AMX-40	1,730.33	Endeavour	5/10/20	NA			8.9	Endeavour	5/10/20	34	Endeavour	5/10/20	NA			NA			4,200	Endeavour	5/10/20
AMX-98	1,747.32	Endeavour	5/10/20	NA			0.24	Endeavour	5/10/20	<0.001	Endeavour	5/10/20	NA			NA			970	Endeavour	5/10/20
AMX-166	1,777.27	Endeavour	5/10/20	NA			0.25	Endeavour	5/10/20	<0.001	Endeavour	5/10/20	NA			NA			990	Endeavour	5/10/20
APEW-1	1,623.50	Endeavour	5/26/20	NA			0.19	Endeavour	5/26/20	0.53	Endeavour	5/26/20	NA			NA			3,900	Endeavour	5/26/20
APEW-2	1,606.64	Endeavour	5/26/20	NA			2.6	Endeavour	5/26/20	11	Endeavour	5/26/20	NA			NA			3,700	Endeavour	5/26/20
APEW-3	1,600.90	Endeavour	5/27/20	NA			10	Endeavour	5/27/20	53	Endeavour	5/27/20	NA			NA			4,900	Endeavour	5/27/20
APX-1-45	1,608.93	Endeavour	5/26/20	NA			<0.002	Endeavour	5/26/20	<0.031	Endeavour	5/26/20	NA			NA			2,200	Endeavour	5/26/20
APX-2-45	1,605.19	Endeavour	5/26/20	NA			<0.002	Endeavour	5/26/20	0.14	Endeavour	5/26/20	NA			NA			2,100	Endeavour	5/26/20
APX-2-P1O1	1,605.22	Endeavour	5/26/20	NA			1.3	Endeavour	5/26/20	4.9	Endeavour	5/26/20	NA			NA			3,700	Endeavour	5/26/20
APX-4-20	1,607.24	Endeavour	5/26/20	NA			4.2	Endeavour	5/26/20	27	Endeavour	5/26/20	NA			NA			3,900	Endeavour	5/26/20
APX-5-7	1,606.24	Endeavour	5/27/20	NA			9.5	Endeavour	5/27/20	37	Endeavour	5/27/20	NA			NA			5,300	Endeavour	5/27/20
APX-5-16	1,606.21	Endeavour	5/27/20	NA			10	Endeavour	5/27/20	55	Endeavour	5/27/20	NA			NA			3,800	Endeavour	5/27/20
APX-7-14	1,608.28	Endeavour	5/26/20	NA			0.14	Endeavour	5/26/20	0.27	Endeavour	5/26/20	NA			NA			3,600	Endeavour	5/26/20
AREW-1	1,619.99	Endeavour	5/20/20	NA			0.18	Endeavour	5/20/20	0.52	Endeavour	5/20/20	NA			NA			3,800	Endeavour	5/20/20
AREW-2	1,619.80	Endeavour	5/20/20	NA			0.34	Endeavour	5/20/20	0.8	Endeavour	5/20/20	NA			NA			3,600	Endeavour	5/20/20
AREW-3	1,620.07	Endeavour	5/20/20	NA			0.28	Endeavour	5/20/20	0.58	Endeavour	5/20/20	NA			NA			3,700	Endeavour	5/20/20
AREW-4	1,611.98	Endeavour	5/20/20	NA			0.86	Endeavour	5/20/20	3	Endeavour	5/20/20	NA			NA			3,600	Endeavour	5/20/20
AREW-5	1,616.44	Endeavour	5/20/20	NA			3.3	Endeavour	5/20/20	13	Endeavour	5/20/20	NA			NA			3,400	Endeavour	5/20/20
AREW-6	1,615.04	Endeavour	5/20/20	NA			7.4	Endeavour	5/20/20	36	Endeavour	5/20/20	NA			NA			4,100	Endeavour	5/20/20
B01	1,766.88	OSSM	6/8/20	2,500 J-	OSSM	6/18/20	NA			0.34	OSSM	6/18/20	3.7	OSSM	6/18/20	NA			17,000	OSSM	6/18/20
BEC-6	NM			1.4	BRC	6/8/15	--	--	--	--	--	--	<5	BRC	6/8/15	<0.015	BRC	6/8/15	--	--	--
BEC-9	NM			NA			--	--	--	--	--	--	--	--	--	19	BRC	6/5/15	--	--	--
BHE1-10	1,667.66	Endeavour	5/24/20	--	--	--	240	Endeavour	5/24/20	230	Endeavour	5/24/20	--	--	--	NA			4,600	Endeavour	5/24/20

TABLE A-4: SUPPLEMENTAL DATA USED IN PREPARATION OF THE 2020 ANNUAL REPORT

Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Groundwater Elevation (ft amsl)			Chloroform (µg/L)			Chlorate (mg/L)			Perchlorate (mg/L)			Chromium (µg/L)			Hexavalent Chromium (µg/L)			TDS ¹ (mg/L)		
	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date
BRW-R1	1,796.70	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
CLD3-R	1,720.66	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
COH-2B1	1,530.55	SNWA	5/26/20	NA			--	--	--	--	--	--	--	--	--	NA			2,540	SNWA	5/28/19
CP-1	1,797.51	OSSM	6/4/20	<2.0	OSSM	6/19/20	NA			0.022	OSSM	6/19/20	12	OSSM	6/19/20	NA			730	OSSM	6/19/20
D-5	NM			290	BRC	8/29/18	NA			NA			NA			NA			NA		
DBMW-1	1,590.91	TIMET	6/16/20	55	BRC	5/1/20	--	--	--	--	--	--	--	--	--	NA			--	--	--
DBMW-3	NM			41	BRC	6/5/15	--	--	--	--	--	--	--	--	--	69	BRC	6/5/15	--	--	--
DBMW-4	--	--	--	83	BRC	6/5/15	--	--	--	--	--	--	--	--	--	NA			--	--	--
DBMW-5	--	--	--	24	BRC	5/1/20	--	--	--	--	--	--	--	--	--	NA			--	--	--
DBMW-8	--	--	--	270	BRC	6/4/15	--	--	--	--	--	--	--	--	--	NA			--	--	--
DBMW-9	--	--	--	110	BRC	5/1/20	--	--	--	--	--	--	NA			NA			--	--	--
DBMW-10	--	--	--	NA			--	--	--	--	--	--	13 J	BRC	6/1/15	12	BRC	6/1/15	--	--	--
DBMW-11	--	--	--	720	BRC	5/1/20	--	--	--	--	--	--	72	BRC	6/1/15	61	BRC	6/1/15	9,900	BRC	12/11/14
DBMW-12	NM			NA			--	--	--	--	--	--	65	BRC	5/29/15	56	BRC	5/29/15	--	--	--
DBMW-13	--	--	--	33	BRC	5/1/20	--	--	--	--	--	--	54 J	BRC	6/3/15	24	BRC	6/3/15	--	--	--
DBMW-14	--	--	--	37	BRC	6/2/15	--	--	--	--	--	--	--	--	--	32	BRC	6/1/15	--	--	--
DBMW-15	--	--	--	24	BRC	5/1/20	--	--	--	--	--	--	47 J	BRC	6/3/15	12	BRC	6/3/15	--	--	--
DM-1	NM			5.2	BRC	6/8/15	--	--	--	--	--	--	--	--	--	45	BRC	6/8/15	--	--	--
DMC-MW-26	1,807.96	OSSM	6/4/20	<2.0	OSSM	6/24/20	NA			<0.0040	OSSM	6/24/20	8.9 J+	OSSM	6/24/20	NA			490	OSSM	6/24/20
DMC-MW-27R	1,825.26	OSSM	6/4/20	<2.0	OSSM	6/24/20	NA			0.0057 J+	OSSM	6/24/20	11 J+	OSSM	6/24/20	NA			490	OSSM	6/24/20
DMC-MW-28	1,797.68	OSSM	6/4/20	<2.0	OSSM	6/23/20	NA			<0.0040	OSSM	6/23/20	1.3 J+	OSSM	6/23/20	NA			580	OSSM	6/23/20
DPT-01	1,770.66	OSSM	6/4/20	150 J-	OSSM	6/18/20	NA			0.013	OSSM	6/18/20	8.2	OSSM	6/18/20	NA			960	OSSM	6/18/20
DX-24	1,810.36	Endeavour	4/27/20	NA			19	Endeavour	4/27/20	100	Endeavour	4/27/20	NA			NA			8,400	Endeavour	4/27/20
DX-30	1,804.06	Endeavour	4/27/20	NA			20	Endeavour	4/27/20	120	Endeavour	4/27/20	NA			NA			5,000	Endeavour	4/27/20
DX-75	1,806.48	Endeavour	4/27/20	NA			59	Endeavour	4/27/20	280	Endeavour	4/27/20	NA			NA			1,900	Endeavour	4/27/20
DX-121	1,758.67	Endeavour	4/27/20	NA			8.1	Endeavour	4/27/20	35	Endeavour	4/27/20	NA			NA			930	Endeavour	4/27/20
DX-161	1,763.07	Endeavour	4/27/20	NA			45	Endeavour	4/27/20	190	Endeavour	4/27/20	NA			NA			1,700	Endeavour	4/27/20
DX-270	1,828.96	Endeavour	4/27/20	NA			8.6	Endeavour	4/27/20	34	Endeavour	4/27/20	NA			NA			1,100	Endeavour	4/27/20
DX-350	1,830.14	Endeavour	4/27/20	NA			2.3	Endeavour	4/27/20	8.9	Endeavour	4/27/20	NA			NA			990	Endeavour	4/27/20
DY-26	1,778.45	Endeavour	4/21/20	NA			14	Endeavour	4/21/20	73	Endeavour	4/21/20	NA			NA			4,800	Endeavour	4/21/20
DY-106	1,790.30	Endeavour	4/21/20	NA			<0.002	Endeavour	4/21/20	0.019	Endeavour	4/21/20	NA			NA			930	Endeavour	4/21/20
DY-169	1,772.56	Endeavour	4/21/20	NA			1.2	Endeavour	4/21/20	7	Endeavour	4/21/20	NA			NA			970	Endeavour	4/21/20
DZ-15	1,818.20	Endeavour	5/10/20	NA			0.81	Endeavour	5/10/20	3.8	Endeavour	5/10/20	NA			NA			2,400	Endeavour	5/10/20
DZ-152	1,814.47	Endeavour	5/10/20	NA			3.1	Endeavour	5/10/20	10	Endeavour	5/10/20	NA			NA			1,700	Endeavour	5/10/20
E-N	1,687.50	OSSM	6/2/20	NA			NA			NA			NA			NA			NA		
E-S	1,689.36	OSSM	6/2/20	NA			NA			NA			NA			NA			NA		
EC-4	1,766.77	OSSM	6/4/20	27 J-	OSSM	6/19/20	NA			0.27	OSSM	6/19/20	6.2	OSSM	6/19/20	NA			3,700	OSSM	6/19/20
EC-10	1,751.13	OSSM	6/4/20	2.8 J-	OSSM	6/19/20	NA			98	OSSM	6/19/20	12	OSSM	6/19/20	NA			1,900	OSSM	6/19/20

TABLE A-4: SUPPLEMENTAL DATA USED IN PREPARATION OF THE 2020 ANNUAL REPORT

Nevada Environmental Response Trust Site

Henderson, Nevada

Well ID	Groundwater Elevation (ft amsl)			Chloroform (µg/L)			Chlorate (mg/L)			Perchlorate (mg/L)			Chromium (µg/L)			Hexavalent Chromium (µg/L)			TDS ¹ (mg/L)		
	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date
EC-14	1,754.91	OSSM	6/4/20	<2.0	OSSM	6/19/20	NA			<0.0040	OSSM	6/19/20	15	OSSM	6/19/20	NA			690	OSSM	6/19/20
ES-2	--	--	--	110	BRC	8/29/18	--	--	--	--	--	--	--	--	--	NA			--	--	--
ES-3	--	--	--	0.78	BRC	8/29/18	--	--	--	--	--	--	NA			NA			--	--	--
ES-4	--	--	--	790	BRC	8/29/18	--	--	--	--	--	--	--	--	--	NA			--	--	--
EWQal-1	1,710.56	TIMET	6/16/20	270	TIMET	6/17/20	NA			14	TIMET	6/17/20	550	TIMET	6/17/20	530	TIMET	6/17/20	6,200	TIMET	6/17/20
EWQal-2	1,716.05	TIMET	6/16/20	630	TIMET	6/17/20	NA			6.3	TIMET	6/17/20	510	TIMET	6/17/20	260	TIMET	6/17/20	7,800	TIMET	6/17/20
EWQal-3	1,718.02	TIMET	6/16/20	870	TIMET	6/17/20	NA			4.3	TIMET	6/17/20	380	TIMET	6/17/20	330	TIMET	6/17/20	10,000	TIMET	6/17/20
EWQal-4	1,714.75	TIMET	6/16/20	820	TIMET	6/17/20	NA			4.7	TIMET	6/17/20	460	TIMET	6/17/20	370	TIMET	6/17/20	14,000	TIMET	6/17/20
EWQal-5	1,716.38	TIMET	6/16/20	510	TIMET	6/17/20	NA			4.4	TIMET	6/17/20	330	TIMET	6/17/20	280	TIMET	6/17/20	11,000	TIMET	6/17/20
EWQal-6	1,719.62	TIMET	6/16/20	340	TIMET	6/17/20	NA			3.8	TIMET	6/17/20	210	TIMET	6/17/20	210	TIMET	6/17/20	9,800	TIMET	6/17/20
EWQal-7	1,720.22	TIMET	6/16/20	160	TIMET	6/17/20	NA			3.8	TIMET	6/17/20	120 J	TIMET	6/17/20	130	TIMET	6/17/20	8,600	TIMET	6/17/20
EWQal-8	1,723.69	TIMET	6/16/20	62	TIMET	6/17/20	NA			2.4	TIMET	6/17/20	90 J	TIMET	6/17/20	95	TIMET	6/17/20	8,000	TIMET	6/17/20
EWQal-9	1,726.31	TIMET	6/16/20	33	TIMET	6/17/20	NA			1.8	TIMET	6/17/20	80 J	TIMET	6/17/20	81	TIMET	6/17/20	5,800	TIMET	6/17/20
EWQal-10	1,725.82	TIMET	6/16/20	36	TIMET	6/17/20	NA			0.70	TIMET	6/17/20	<60	TIMET	6/17/20	40	TIMET	6/17/20	5,100	TIMET	6/17/20
EWQal-11	1,724.70	TIMET	6/16/20	29	TIMET	6/17/20	NA			0.89	TIMET	6/17/20	<60	TIMET	6/17/20	25	TIMET	6/17/20	4,600	TIMET	6/17/20
EWQal-12	1,722.85	TIMET	6/16/20	11	TIMET	6/17/20	NA			0.84	TIMET	6/17/20	<60	TIMET	6/17/20	25	TIMET	6/17/20	4,900	TIMET	6/17/20
EWQal-13	1,726.73	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
EWQal-13A	1,716.20	TIMET	6/16/20	7.2	TIMET	6/17/20	NA			1.8	TIMET	6/17/20	<60	TIMET	6/17/20	20	TIMET	6/17/20	4,700	TIMET	6/17/20
EWQal-14	1,721.88	TIMET	6/16/20	7.6	TIMET	6/17/20	NA			1.5	TIMET	6/17/20	<60	TIMET	6/17/20	37	TIMET	6/17/20	4,100	TIMET	6/17/20
EWQal-15	1,719.08	TIMET	6/16/20	11	TIMET	6/17/20	NA			1.7	TIMET	6/17/20	<60	TIMET	6/17/20	37	TIMET	6/17/20	14,000	TIMET	6/17/20
EWQal-16	1,725.29	TIMET	6/16/20	1.7 J	TIMET	6/17/20	NA			1.9	TIMET	6/17/20	<60	TIMET	6/17/20	26	TIMET	6/17/20	4,700	TIMET	6/17/20
EWQal-17	1,733.35	TIMET	6/16/20	4.2	TIMET	6/17/20	NA			1.4	TIMET	6/17/20	<60	TIMET	6/17/20	10	TIMET	6/17/20	4,300	TIMET	6/17/20
EWQal-18	1,731.63	TIMET	6/16/20	0.94 J	TIMET	6/17/20	NA			0.45	TIMET	6/17/20	<60	TIMET	6/17/20	22	TIMET	6/17/20	3,200	TIMET	6/17/20
EWQal-19	1,731.77	TIMET	6/16/20	1.2 J	TIMET	6/17/20	NA			0.35	TIMET	6/17/20	<60	TIMET	6/17/20	17	TIMET	6/17/20	3,100	TIMET	6/17/20
EWxMCF-01	1,724.87	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
EWxMCF-02	1,723.39	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
EWxMCF-05	1,721.97	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
EWxMCF-07	1,726.65	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
EWxMCF-10	1,727.00	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
EWxMCF-11	1,729.46	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
EWxMCF-12	1,730.09	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
F3-27	1,783.70	Endeavour	5/10/20	NA			7.3	Endeavour	5/10/20	31	Endeavour	5/10/20	NA			NA			4,600	Endeavour	5/10/20
F3-90	1,793.46	Endeavour	5/10/20	NA			<0.007	Endeavour	5/10/20	0.012	Endeavour	5/10/20	NA			NA			950	Endeavour	5/10/20
FX-25	1,727.84	Endeavour	5/19/20	NA			0.73	Endeavour	5/19/20	2.8	Endeavour	5/19/20	NA			NA			2,400	Endeavour	5/19/20
FX-180	1,778.49	Endeavour	5/19/20	NA			<0.002	Endeavour	5/19/20	<0.00031	Endeavour	5/19/20	NA			NA			1,000	Endeavour	5/19/20
FX-415	1,758.00	Endeavour	5/19/20	NA			0.045	Endeavour	5/19/20	0.2	Endeavour	5/19/20	NA			NA			720	Endeavour	5/19/20
H-10A	1,673.31	OSSM	6/2/20	NA			NA			NA			NA			NA			NA		
H-11	1,802.20	OSSM	6/3/20	<2.0	OSSM	6/11/20	NA			0.035	OSSM	6/11/20	<2.5	OSSM	6/11/20	NA			2,400	OSSM	6/11/20

TABLE A-4: SUPPLEMENTAL DATA USED IN PREPARATION OF THE 2020 ANNUAL REPORT

Nevada Environmental Response Trust Site

Henderson, Nevada

Well ID	Groundwater Elevation (ft amsl)			Chloroform (µg/L)			Chlorate (mg/L)			Perchlorate (mg/L)			Chromium (µg/L)			Hexavalent Chromium (µg/L)			TDS ¹ (mg/L)		
	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date
H-14	1,696.88	OSSM	6/2/20	NA			NA			NA			NA			NA			NA		
H-19	1,699.93	OSSM	6/2/20	NA			NA			NA			NA			NA			NA		
H-21R	1,699.43	OSSM	6/2/20	NA			NA			NA			NA			NA			NA		
H-25	1,695.34	OSSM	6/2/20	NA			NA			NA			NA			NA			NA		
H-36C	1,688.49	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
H-54	1,687.04	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
H-55	1,711.54	OSSM	6/3/20	0.25 J	OSSM	6/11/20	NA			0.10	OSSM	6/11/20	<2.5	OSSM	6/11/20	NA			1,400	OSSM	6/11/20
H-57	1,687.52	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
J2D1-R2	1,733.94	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
J2D2-R2	1,732.39	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
J2D4	1,736.74	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
J2U2	1,752.41	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
JX-11	1,657.44	Endeavour	6/3/20	NA			7.3	Endeavour	6/3/20	45	Endeavour	6/3/20	NA			NA			3,900	Endeavour	6/3/20
JX-86	1,655.40	Endeavour	6/3/20	NA			<0.002	Endeavour	6/3/20	<0.00031	Endeavour	6/3/20	NA			NA			1,100	Endeavour	6/3/20
KX-18	1,634.40	Endeavour	4/26/20	NA			6.7	Endeavour	4/26/20	23	Endeavour	4/26/20	NA			NA			3,400	Endeavour	4/26/20
KY-23	1,626.12	Endeavour	5/20/20	NA			4.8	Endeavour	5/20/20	17	Endeavour	5/20/20	NA			NA			3,300	Endeavour	5/20/20
LNDMW-1	1,474.66	SNWA	5/26/20	NA			NA			1.44	SNWA	5/26/20	<15	SNWA	5/26/20	NA			3,990	SNWA	5/26/20
LNDMW-2	1,468.12	SNWA	5/27/20	NA			NA			1.37	SNWA	5/27/20	NA			NA			2,820	SNWA	5/27/20
LX-55	1,853.15	Endeavour	5/3/20	NA			<0.014	Endeavour	5/3/20	0.016	Endeavour	5/3/20	NA			NA			3,000	Endeavour	5/3/20
LX-150	1,864.35	Endeavour	5/3/20	NA			<0.014	Endeavour	5/3/20	0.034	Endeavour	5/3/20	NA			NA			2,600	Endeavour	5/3/20
M-130	1,723.42	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
MC-5	1,688.14	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-8	1,694.07	OSSM	6/2/20	NA			NA			NA			NA			NA			NA		
MC-9R	1,686.81	OSSM	6/1/20	0.35 J	OSSM	6/9/20	NA			0.016 J+	OSSM	6/9/20	1.8 J	OSSM	6/9/20	NA			17,000	OSSM	6/9/20
MC-22	1,691.72	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-24	1,690.01	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-25	1,688.21	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-26	1,690.03	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-27	1,687.36	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-28	1,687.33	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-29	1,687.51	OSSM	6/1/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MC-30	1,687.70	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-31	1,688.37	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-32	DRY	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-33	1,696.67	OSSM	6/3/20	NA			NA			NA			NA			NA			NA		
MC-37	1,691.08	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-38	1,690.35	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-40	1,687.68	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		

TABLE A-4: SUPPLEMENTAL DATA USED IN PREPARATION OF THE 2020 ANNUAL REPORT

Nevada Environmental Response Trust Site

Henderson, Nevada

Well ID	Groundwater Elevation (ft amsl)			Chloroform (µg/L)			Chlorate (mg/L)			Perchlorate (mg/L)			Chromium (µg/L)			Hexavalent Chromium (µg/L)			TDS ¹ (mg/L)		
	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date
MC-41	1,687.54	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-42	1,687.24	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-45	1,683.02	OSSM	6/2/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MC-47	1,677.70	OSSM	6/2/20	8.8	OSSM	6/8/20	NA			24	OSSM	6/8/20	4	OSSM	6/8/20	NA			3,000	OSSM	6/8/20
MC-48	1,679.58	OSSM	6/2/20	<2.0	OSSM	6/8/20	NA			0.063	OSSM	6/8/20	<10	OSSM	6/8/20	NA			17,000	OSSM	6/8/20
MC-49	1,681.39	OSSM	6/1/20	<2.0	OSSM	6/8/20	NA			1.3	OSSM	6/8/20	<10	OSSM	6/8/20	NA			17,000	OSSM	6/8/20
MC-52	1,685.10	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-55	DRY	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-56	1,686.85	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-58	1,684.54	OSSM	6/2/20	NA			NA			NA			NA			NA			NA		
MC-59	DRY	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-68	1,687.59	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-70	DRY	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-73	DRY	OSSM	6/2/20	NA			NA			NA			NA			NA			NA		
MC-77	1,694.86	OSSM	6/2/20	NA			NA			NA			NA			NA			NA		
MC-78	1,693.81	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-83	1,691.89	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-84	1,692.48	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-87	1,685.40	OSSM	6/2/20	NA			NA			NA			NA			NA			NA		
MC-89	1,689.17	OSSM	6/2/20	NA			NA			NA			NA			NA			NA		
MC-90	1,683.86	OSSM	6/2/20	NA			NA			NA			NA			NA			NA		
MC-92	1,685.82	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-94	1,687.14	OSSM	6/1/20	--	--	--	NA			NA			NA			NA			NA		
MC-95	1,686.72	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-96	1,686.48	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-98	1,687.52	OSSM	6/2/20	NA			NA			NA			NA			NA			NA		
MC-100	1,688.03	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-101	1,687.58	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-102	1,687.51	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-103	1,692.09	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-104	1,687.04	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-107	1,688.29	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-108	1,690.90	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-109	1,687.98	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-110	1,688.21	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-111	1,688.89	OSSM	6/1/20	0.80 J	OSSM	6/11/20	NA			13	OSSM	6/11/20	1.4	OSSM	6/11/20	NA			7,200	OSSM	6/11/20
MC-113	1,680.95	OSSM	6/2/20	<2.0	OSSM	6/9/20	NA			0.90	OSSM	6/9/20	<10	OSSM	6/9/20	NA			16,000	OSSM	6/9/20
MC-114	1,679.81	OSSM	6/2/20	<2.0	OSSM	6/9/20	NA			0.026	OSSM	6/9/20	5.7 J	OSSM	6/9/20	NA			17,000	OSSM	6/9/20

TABLE A-4: SUPPLEMENTAL DATA USED IN PREPARATION OF THE 2020 ANNUAL REPORT

Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Groundwater Elevation (ft amsl)			Chloroform (µg/L)			Chlorate (mg/L)			Perchlorate (mg/L)			Chromium (µg/L)			Hexavalent Chromium (µg/L)			TDS ¹ (mg/L)		
	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date
MC-116	1,692.80	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-118	1,690.76	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-119	1,689.66	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-120	1,690.92	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-121	1,687.37	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-122	1,687.35	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-123	1,687.81	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-124	1,689.60	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-125	1,690.69	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-126	1,687.73	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-127	1,689.28	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-128	1,690.52	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-129	1,690.23	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-130	1,687.82	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-132	1,689.00	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-133	1,687.79	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-134	1,687.09	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-135	1,687.14	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-136	1,687.09	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-137	1,687.37	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-138	1,687.44	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-139	1,688.17	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-MW-10	1,747.42	OSSM	6/4/20	19,000	OSSM	6/18/20	NA			0.61	OSSM	6/18/20	<5.0	OSSM	6/18/20	NA			12,000	OSSM	6/18/20
MC-MW-15	1,737.72	OSSM	6/4/20	NA			NA			NA			NA			NA			NA		
MC-MW-29	1,686.91	OSSM	6/1/20	1.2 J	OSSM	6/12/20	NA			7.4	OSSM	6/12/20	15	OSSM	6/12/20	NA			7,600	OSSM	6/12/20
MC-MW-30	1,690.85	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-MW-31	1,686.57	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-MW-32	1,692.24	OSSM	6/1/20	1.8 J	OSSM	6/9/20	NA			51	OSSM	6/9/20	5 UJ	OSSM	6/9/20	NA			8,000	OSSM	6/9/20
MC-MW-33	1,689.17	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-MW-34	1,689.89	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
MC-MW-35	1,693.05	OSSM	6/1/20	<2.0	OSSM	6/10/20	NA			0.0024 J	OSSM	6/10/20	37	OSSM	6/10/20	NA			680	OSSM	6/10/20
MCF-01B	NM			10	BRC	5/27/15	--	--	--	--	--	--	9.3 J	BRC	5/27/15	8.7	BRC	5/27/15	--	--	--
MCF-03B	NM			NA			--	--	--	--	--	--	6.2 J	BRC	5/28/15	5.9	BRC	6/2/15	--	--	--
MCF-06C	--	--	--	21	BRC	5/1/20	--	--	--	--	--	--	--	--	--	NA			--	--	--
MCF-12B	NM			8.8	BRC	6/4/15	5.3	BRC	6/4/15	4.2	BRC	6/4/15	22 J	BRC	6/4/15	22	BRC	6/4/15	3,300	BRC	6/4/15
MCF-16C	NM			180	BRC	6/8/15	--	--	--	--	--	--	--	--	--	80	BRC	6/8/15	--	--	--
MCF-BW-09B	1,717.51	OSSM	6/2/20	1,300	OSSM	6/12/20	NA			51	OSSM	6/12/20	3.4 J	OSSM	6/12/20	NA			24,000	OSSM	6/12/20
MCF-BW-10A	1,737.15	OSSM	6/3/20	1.6 J	OSSM	6/12/20	NA			56	OSSM	6/12/20	9.5	OSSM	6/12/20	NA			1,600	OSSM	6/12/20

TABLE A-4: SUPPLEMENTAL DATA USED IN PREPARATION OF THE 2020 ANNUAL REPORT

Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Groundwater Elevation (ft amsl)			Chloroform (µg/L)			Chlorate (mg/L)			Perchlorate (mg/L)			Chromium (µg/L)			Hexavalent Chromium (µg/L)			TDS ¹ (mg/L)		
	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date
MW-01	1,798.91	OSSM	6/3/20	1.5 J	OSSM	6/15/20	NA			0.00098 J	OSSM	6/15/20	11	OSSM	6/15/20	NA			760	OSSM	6/15/20
MW-02	1,782.27	OSSM	6/4/20	74,000	OSSM	6/15/20	NA			0.97	OSSM	6/15/20	<2.5	OSSM	6/15/20	NA			7,300	OSSM	6/15/20
MW-03	1,781.54	OSSM	6/4/20	18,000	OSSM	6/15/20	NA			0.68	OSSM	6/15/20	<2.5	OSSM	6/15/20	NA			7,100	OSSM	6/15/20
MW-04 (OSSM)	1,782.23	OSSM	6/4/20	530	OSSM	6/15/20	NA			0.12	OSSM	6/15/20	6.5	OSSM	6/15/20	NA			3,700	OSSM	6/15/20
MW-08	1,803.63	OSSM	6/4/20	<2.0	OSSM	6/24/20	NA			0.031 J+	OSSM	6/24/20	3,700 J+	OSSM	6/24/20	NA			740	OSSM	6/24/20
MW-AA	1,639.85	Endeavour	5/11/20	NA			0.34	Endeavour	5/11/20	0.1	Endeavour	5/11/20	NA			NA			2,900	Endeavour	5/11/20
MW-AB	1,663.38	Endeavour	4/26/20	NA			0.22	Endeavour	4/26/20	0.53	Endeavour	4/26/20	NA			NA			3,700	Endeavour	4/26/20
MW-AC	1,685.95	Endeavour	4/26/20	NA			1.4	Endeavour	4/26/20	5.8	Endeavour	4/26/20	NA			NA			3,300	Endeavour	4/26/20
MW-AD	1,778.15	Endeavour	4/19/20	NA			5.3	Endeavour	4/19/20	13	Endeavour	4/19/20	NA			NA			2,100	Endeavour	4/19/20
MW-AHX	1,702.08	Endeavour	4/26/20	NA			7.8	Endeavour	4/26/20	19	Endeavour	4/26/20	NA			NA			1,500	Endeavour	4/26/20
MW-AJ	1,642.30	Endeavour	5/24/20	0.60 J	OSSM	6/10/20	13	Endeavour	5/24/20	47	Endeavour	5/24/20	8.7	OSSM	6/10/20	NA			4,100	OSSM	6/10/20
MW-AL	1,850.07	Endeavour	5/19/20	NA			<0.002	Endeavour	5/19/20	0.1	Endeavour	5/19/20	NA			NA			730	Endeavour	5/19/20
MW-AX-72	1,850.62	Endeavour	5/3/20	NA			0.12	Endeavour	5/3/20	0.53	Endeavour	5/3/20	NA			NA			2,900	Endeavour	5/3/20
MW-C	1,824.03	Endeavour	5/19/20	NA			0.16	Endeavour	5/19/20	11	Endeavour	5/19/20	NA			NA			1,800	Endeavour	5/19/20
MW-D2D	1,813.11	Endeavour	5/3/20	NA			79	Endeavour	5/3/20	360	Endeavour	5/3/20	NA			NA			4,800	Endeavour	5/3/20
MW-D2S	DRY	Endeavour	5/15/20	NA			NA			NA			NA			NA			NA		
MW-E	1,840.72	Endeavour	5/3/20	NA			0.041	Endeavour	5/3/20	0.021	Endeavour	5/3/20	NA			NA			1,900	Endeavour	5/3/20
MW-F2	1,752.28	Endeavour	4/21/20	NA			6.3	Endeavour	4/21/20	30	Endeavour	4/21/20	NA			NA			4,200	Endeavour	4/21/20
MW-I	1,844.34	Endeavour	5/3/20	NA			0.05	Endeavour	5/3/20	0.085	Endeavour	5/3/20	NA			NA			2,400	Endeavour	5/3/20
MW-K	1,650.65	Endeavour	4/26/20	NA			0.46	Endeavour	4/26/20	1.5	Endeavour	4/26/20	NA			NA			3,300	Endeavour	4/26/20
MW-K1	1,625.18	Endeavour	5/24/20	NA			<0.014	Endeavour	5/24/20	5.3	Endeavour	5/24/20	NA			NA			5,300	Endeavour	5/24/20
MW-R	1,656.38	Endeavour	6/3/20	0.36 J	OSSM	6/10/20	10	Endeavour	6/3/20	32	Endeavour	6/3/20	<2.5	OSSM	6/10/20	NA			3,800	OSSM	6/10/20
MW-S	1,584.75	Endeavour	5/27/20	NA			4.3	Endeavour	5/27/20	39	Endeavour	5/27/20	NA			NA			5,700	Endeavour	5/27/20
MW-T	1,578.88	Endeavour	5/27/20	NA			0.44	Endeavour	5/27/20	1.1	Endeavour	5/27/20	NA			NA			3,200	Endeavour	5/27/20
MW-U	1,575.90	Endeavour	5/31/20	NA			1.1	Endeavour	5/31/20	0.093	Endeavour	5/31/20	NA			NA			4,200	Endeavour	5/31/20
MW-V	1,581.79	Endeavour	5/11/20	NA			0.49	Endeavour	5/11/20	0.14	Endeavour	5/11/20	NA			NA			9,600	Endeavour	5/11/20
MW-X	1,809.94	Endeavour	5/10/20	NA			0.0691	Endeavour	5/10/20	0.17	Endeavour	5/10/20	NA			NA			2,100	Endeavour	5/10/20
NX-17	1,627.77	Endeavour	5/26/20	NA			0.19	Endeavour	5/26/20	0.58	Endeavour	5/26/20	NA			NA			4,000	Endeavour	5/26/20
NY-15	1,631.70	Endeavour	5/12/20	NA			0.21	Endeavour	5/12/20	0.47	Endeavour	5/12/20	NA			NA			3,900	Endeavour	5/12/20
OX-16	1,621.28	Endeavour	5/12/20	NA			0.29	Endeavour	5/12/20	0.61	Endeavour	5/12/20	NA			NA			3,700	Endeavour	5/12/20
OY-8	1,619.26	Endeavour	5/11/20	NA			0.16	Endeavour	5/11/20	0.4	Endeavour	5/11/20	NA			NA			3,900	Endeavour	5/11/20
PMW-1	1,575.18	Endeavour	5/31/20	NA			2.1	Endeavour	5/31/20	0.59	Endeavour	5/31/20	NA			NA			3,800	Endeavour	5/31/20
PMW-2	1,574.32	Endeavour	5/31/20	NA			1	Endeavour	5/31/20	2.3	Endeavour	5/31/20	NA			NA			3,500	Endeavour	5/31/20
PMW-3	1,574.23	Endeavour	5/31/20	NA			1.7	Endeavour	5/31/20	1.6	Endeavour	5/31/20	NA			NA			3,400	Endeavour	5/31/20
PMW-4	1,573.98	Endeavour	5/31/20	NA			1.7	Endeavour	5/31/20	0.72	Endeavour	5/31/20	NA			NA			3,600	Endeavour	5/31/20
PMW-5	1,573.50	Endeavour	6/2/20	NA			2.1	Endeavour	6/2/20	4.4	Endeavour	6/2/20	NA			NA			2,700	Endeavour	6/2/20
PMW-6	1,573.25	Endeavour	6/2/20	NA			1.6	Endeavour	6/2/20	2.3	Endeavour	6/2/20	NA			NA			3,400	Endeavour	6/2/20
PMW-7	1,571.88	Endeavour	6/2/20	NA			2.3	Endeavour	6/2/20	0.087	Endeavour	6/2/20	NA			NA			4,400	Endeavour	6/2/20

TABLE A-4: SUPPLEMENTAL DATA USED IN PREPARATION OF THE 2020 ANNUAL REPORT

Nevada Environmental Response Trust Site
Henderson, Nevada

Well ID	Groundwater Elevation (ft amsl)			Chloroform (µg/L)			Chlorate (mg/L)			Perchlorate (mg/L)			Chromium (µg/L)			Hexavalent Chromium (µg/L)			TDS ¹ (mg/L)		
	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date
PMW-8	1,569.31	Endeavour	6/2/20	NA			1.9	Endeavour	6/2/20	0.23	Endeavour	6/2/20	NA			NA			4,200	Endeavour	6/2/20
POD2-R	1,610.60	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
POD8	1,624.05	TIMET	6/16/20	NA			--	--	--	--	--	--	--	--	--	13	BRC	6/9/15	--	--	--
POU3	NM			340	BRC	8/29/18	--	--	--	--	--	--	--	--	--	590	BRC	6/5/15	--	--	--
PWX-8	1,574.57	Endeavour	6/2/20	NA			2.3	Endeavour	6/2/20	1.7	Endeavour	6/2/20	NA			NA			3,300	Endeavour	6/2/20
PWX-10	1,574.80	Endeavour	5/31/20	NA			2	Endeavour	5/31/20	0.87	Endeavour	5/31/20	NA			NA			3,600	Endeavour	5/31/20
PX-15	1,617.08	Endeavour	5/12/20	NA			6	Endeavour	5/12/20	28	Endeavour	5/12/20	NA			NA			3,600	Endeavour	5/12/20
PX-40	1,616.63	Endeavour	5/12/20	NA			0.27	Endeavour	5/12/20	1.4	Endeavour	5/12/20	NA			NA			1,600	Endeavour	5/12/20
PY-14	1,616.30	Endeavour	5/12/20	NA			5.4	Endeavour	5/12/20	26	Endeavour	5/12/20	NA			NA			3,700	Endeavour	5/12/20
RIT-06	1,572.02	Endeavour	6/1/20	NA			2	Endeavour	6/1/20	4.4	Endeavour	6/1/20	NA			NA			2,900	Endeavour	6/1/20
RIT-09	1,573.08	Endeavour	6/1/20	NA			2	Endeavour	6/1/20	3.7	Endeavour	6/1/20	NA			NA			3,000	Endeavour	6/1/20
RIT-10	1,571.06	Endeavour	6/2/20	NA			2.1	Endeavour	6/2/20	2.6	Endeavour	6/2/20	NA			NA			3,200	Endeavour	6/2/20
SB-1-8	1,588.65	Endeavour	5/11/20	NA			1.3	Endeavour	5/11/20	0.094	Endeavour	5/11/20	NA			NA			3,800	Endeavour	5/11/20
SB-3-13	1,599.14	Endeavour	5/11/20	NA			0.63	Endeavour	5/11/20	0.13	Endeavour	5/11/20	NA			NA			5,300	Endeavour	5/11/20
SBMW-4-4	1,607.20	Endeavour	5/11/20	NA			9.4	Endeavour	5/11/20	0.079	Endeavour	5/11/20	NA			NA			3,400	Endeavour	5/11/20
SENTRY-1	1,710.14	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
SENTRY-2	1,731.48	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
SENTRY-3	1,754.53	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
SWMW-1	1,719.53	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
SWMW-1AR	1,711.48	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
SWMW-2	1,727.21	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
SWMW-2A	1,716.01	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
SWMW-3	1,729.49	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
SWMW-3A	1,717.45	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
TIMETMW-1	1,755.20	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
TIMETMW-3R	1,784.41	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
TIMETMW-4	1,748.99	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
TIMETMW-5	1,761.57	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
TIMETMW-6R	1,767.81	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
TIMETMW-7	1,707.76	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
TIMETMW-8	1,718.02	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
TIMETMW-9	1,724.93	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
TMMW-101	DRY	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
TMMW-102	1,816.39	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
TMMW-103	1,815.07	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
TMMW-104	1,814.69	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
TMPZ-112	1,747.42	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
TMPZ-204	1,738.61	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		

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Nevada Environmental Response Trust Site

Henderson, Nevada

Well ID	Groundwater Elevation (ft amsl)			Chloroform (µg/L)			Chlorate (mg/L)			Perchlorate (mg/L)			Chromium (µg/L)			Hexavalent Chromium (µg/L)			TDS ¹ (mg/L)		
	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date
TMW-1	1,688.93	OSSM	6/2/20	NA			NA			NA			NA			NA			NA		
TMW-2	1,689.96	OSSM	6/2/20	NA			NA			NA			NA			NA			NA		
TMW-3	1,687.67	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
TMW-4	1,687.71	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
TWA-20	1,650.77	Endeavour	6/3/20	NA			2.6	Endeavour	6/3/20	8.8	Endeavour	6/3/20	NA			NA			2,900	Endeavour	6/3/20
TWA-50	1,649.52	Endeavour	6/3/20	NA			<0.002	Endeavour	6/3/20	<0.00031	Endeavour	6/3/20	NA			NA			1,300	Endeavour	6/3/20
TWA-180	1,655.41	Endeavour	6/3/20	NA			<0.010	Endeavour	6/3/20	0.039	Endeavour	6/3/20	NA			NA			2,200	Endeavour	6/3/20
TWB-21	1,642.15	Endeavour	4/28/20	NA			11	Endeavour	4/28/20	66	Endeavour	4/28/20	NA			NA			4,800	Endeavour	4/28/20
TWB-36	1,641.84	Endeavour	4/28/20	NA			<0.0085	Endeavour	4/28/20	14	Endeavour	4/28/20	NA			NA			4,300	Endeavour	4/28/20
TWB-51	1,641.42	Endeavour	4/28/20	NA			<0.034	Endeavour	4/28/20	0.15	Endeavour	4/28/20	NA			NA			2,500	Endeavour	4/28/20
TWB-140	1,640.22	Endeavour	4/28/20	NA			0.77	Endeavour	4/28/20	4.9	Endeavour	4/28/20	NA			NA			2,200	Endeavour	4/28/20
TWBX-21	1,642.80	Endeavour	4/28/20	NA			12	Endeavour	4/28/20	61	Endeavour	4/28/20	NA			NA			4,900	Endeavour	4/28/20
TWBX-36	1,642.75	Endeavour	4/28/20	NA			10	Endeavour	4/28/20	53	Endeavour	4/28/20	NA			NA			4,800	Endeavour	4/28/20
TWBY-21	1,641.81	Endeavour	4/28/20	NA			11	Endeavour	4/28/20	51	Endeavour	4/28/20	NA			NA			4,700	Endeavour	4/28/20
TWBY-36	1,641.26	Endeavour	4/28/20	NA			0.85	Endeavour	4/28/20	12	Endeavour	4/28/20	NA			NA			4,800	Endeavour	4/28/20
TWC-15	1,638.06	Endeavour	4/20/20	NA			11	Endeavour	4/20/20	57	Endeavour	4/20/20	NA			NA			4,800	Endeavour	4/20/20
TWC-27	1,638.01	Endeavour	4/20/20	NA			0.13	Endeavour	4/20/20	0.85	Endeavour	4/20/20	NA			NA			1,500	Endeavour	4/20/20
TWC-35	1,637.93	Endeavour	4/20/20	NA			<0.002	Endeavour	4/20/20	0.2	Endeavour	4/20/20	NA			NA			2,100	Endeavour	4/20/20
TWC-48	1,637.90	Endeavour	4/20/20	NA			0.05	Endeavour	4/20/20	0.35	Endeavour	4/20/20	NA			NA			1,500	Endeavour	4/20/20
TWC-126	1,638.07	Endeavour	4/20/20	NA			<0.002	Endeavour	4/20/20	<0.00031	Endeavour	4/20/20	NA			NA			2,000	Endeavour	4/20/20
TWD1-17	1,649.84	Endeavour	6/3/20	NA			12	Endeavour	6/3/20	47	Endeavour	6/3/20	NA			NA			4,300	Endeavour	6/3/20
TWD4-15	1,649.79	Endeavour	6/3/20	NA			9.9	Endeavour	6/3/20	49	Endeavour	6/3/20	NA			NA			4,400	Endeavour	6/3/20
TWE-15	1,624.40	Endeavour	5/24/20	NA			11	Endeavour	5/24/20	54	Endeavour	5/24/20	NA			NA			4,800	Endeavour	5/24/20
TWE-18	1,624.40	Endeavour	5/24/20	NA			11	Endeavour	5/24/20	54	Endeavour	5/24/20	NA			NA			4,800	Endeavour	5/24/20
TWE-33	1,624.69	Endeavour	5/24/20	NA			<0.014	Endeavour	5/24/20	<0.001	Endeavour	5/24/20	NA			NA			1,400	Endeavour	5/24/20
TWE-51	1,624.70	Endeavour	5/24/20	NA			<0.014	Endeavour	5/24/20	<0.001	Endeavour	5/24/20	NA			NA			1,300	Endeavour	5/24/20
TWE-107	1,624.96	Endeavour	5/24/20	NA			<0.007	Endeavour	5/24/20	<0.001	Endeavour	5/24/20	NA			NA			1,300	Endeavour	5/24/20
TWH-14	1,631.25	Endeavour	4/20/20	NA			4.6	Endeavour	4/20/20	13	Endeavour	4/20/20	NA			NA			3,700	Endeavour	4/20/20
TWI	1,642.00	Endeavour	4/20/20	NA			12	Endeavour	4/20/20	62	Endeavour	4/20/20	NA			NA			4,600	Endeavour	4/20/20
TempPZ-2	1,731.58	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
TempPZ-4	1,739.45	TIMET	6/16/20	NA			NA			NA			NA			NA			NA		
UB4-15	1,575.47	Endeavour	5/31/20	NA			2.6	Endeavour	5/31/20	0.1	Endeavour	5/31/20	NA			NA			4,300	Endeavour	5/31/20
UD-2	1,575.15	Endeavour	6/1/20	NA			1.3	Endeavour	6/1/20	0.093	Endeavour	6/1/20	NA			NA			5,200	Endeavour	6/1/20
UWO-16	1,574.48	Endeavour	6/1/20	NA			1.9	Endeavour	6/1/20	4.6	Endeavour	6/1/20	NA			NA			2,900	Endeavour	6/1/20
UXO-16	1,573.54	Endeavour	6/1/20	NA			1.5	Endeavour	6/1/20	1.8	Endeavour	6/1/20	NA			NA			3,300	Endeavour	6/1/20
UYO-16	1,572.92	Endeavour	6/1/20	NA			2.8	Endeavour	6/1/20	4.6	Endeavour	6/1/20	NA			NA			2,900	Endeavour	6/1/20
UZO-17	1,572.25	Endeavour	6/1/20	NA			1.4	Endeavour	6/1/20	3.1	Endeavour	6/1/20	NA			NA			3,100	Endeavour	6/1/20
W-S	1,693.75	OSSM	6/2/20	NA			NA			NA			NA			NA			NA		

TABLE A-4: SUPPLEMENTAL DATA USED IN PREPARATION OF THE 2020 ANNUAL REPORT

Nevada Environmental Response Trust Site

Henderson, Nevada

Well ID	Groundwater Elevation (ft amsl)			Chloroform (µg/L)			Chlorate (mg/L)			Perchlorate (mg/L)			Chromium (µg/L)			Hexavalent Chromium (µg/L)			TDS ¹ (mg/L)		
	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date
WELL-A	1,692.89	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
WELL-B	1,692.22	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
WELL-C	1,690.55	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
WELL-D	1,688.02	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
WELL-D2	1,680.62	OSSM	6/1/20	<2.0	OSSM	6/5/20	NA			NA			NA			NA			NA		
WELL-D3	1,679.99	OSSM	6/1/20	<4.0	OSSM	6/5/20	NA			NA			NA			NA			NA		
WELL-E	1,687.00	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
WELL-E3	1,681.92	OSSM	6/1/20	<20	OSSM	6/5/20	NA			NA			NA			NA			NA		
WELL-F	1,680.81	OSSM	6/1/20	<40	OSSM	6/5/20	NA			NA			NA			NA			NA		
WELL-G	1,679.59	OSSM	6/1/20	<200	OSSM	6/5/20	NA			NA			NA			NA			NA		
WELL-H	1,687.49	OSSM	6/2/20	NA			NA			NA			NA			NA			NA		
WELL-H2	1,680.63	OSSM	6/1/20	<200	OSSM	6/5/20	NA			NA			NA			NA			NA		
WELL-I	1,686.35	OSSM	6/1/20	<20	OSSM	6/5/20	NA			NA			NA			NA			NA		
WELL-J	1,685.56	OSSM	6/1/20	<5.0	OSSM	6/5/20	NA			NA			NA			NA			NA		
WELL-J2	1,681.30	OSSM	6/1/20	<4.0	OSSM	6/5/20	NA			NA			NA			NA			NA		
WELL-K2	1,682.91	OSSM	6/1/20	<50	OSSM	6/5/20	NA			NA			NA			NA			NA		
WELL-L	1,680.63	OSSM	6/1/20	<40	OSSM	6/5/20	NA			NA			NA			NA			NA		
WELL-M	1,688.06	OSSM	6/1/20	NA			NA			NA			NA			NA			NA		
WELL-M2	1,684.51	OSSM	6/1/20	<80	OSSM	6/5/20	NA			NA			NA			NA			NA		
WELL-N	1,686.39	OSSM	6/1/20	<2.0	OSSM	6/5/20	NA			NA			NA			NA			NA		
WELL-O	1,679.78	OSSM	6/1/20	86 J	OSSM	6/5/20	NA			NA			NA			NA			NA		
WELL-P	1,682.24	OSSM	6/1/20	0.33 J	OSSM	6/5/20	NA			NA			NA			NA			NA		
WELL-Q	1,684.18	OSSM	6/1/20	<4.0	OSSM	6/5/20	NA			NA			NA			NA			NA		
WELL-R	1,684.95	OSSM	6/1/20	<4.0	OSSM	6/5/20	NA			NA			NA			NA			NA		
WMW3.5N	1,447.56	SNWA	5/27/20	NA			NA			1.04	SNWA	5/27/20	NA			NA			3,030	SNWA	5/27/20
WMW3.5S	1,440.24	SNWA	5/26/20	NA			NA			0.877	SNWA	5/26/20	NA			NA			2,360	SNWA	5/26/20
WMW4.9N	1,491.70	SNWA	5/27/20	NA			NA			0.865	SNWA	5/27/20	NA			NA			2,440	SNWA	5/27/20
WMW4.9S	1,492.52	SNWA	5/26/20	NA			NA			1.35	SNWA	5/26/20	NA			NA			2,560	SNWA	5/26/20
WMW5.5S	1,514.56	SNWA	5/26/20	NA			NA			2.78	SNWA	5/26/20	NA			NA			3,340	SNWA	5/26/20
WMW5.7N	1,520.23	SNWA	5/27/20	NA			NA			0.0207	SNWA	5/27/20	NA			NA			1,400	SNWA	5/27/20
WMW5.7S	1,520.64	SNWA	5/26/20	NA			NA			4.99	SNWA	5/26/20	27.4	SNWA	5/26/20	NA			4,140	SNWA	5/26/20
WMW6.9N	1,555.06	SNWA	5/27/20	NA			NA			<0.0001	SNWA	5/27/20	NA			NA			1,700	SNWA	5/27/20
WMW6.9S	1,560.75	SNWA	5/26/20	NA			NA			0.0317	SNWA	5/26/20	NA			NA			5,390	SNWA	5/26/20
WMW6.15N	1,529.95	SNWA	5/27/20	NA			NA			0.00143	SNWA	5/27/20	NA			NA			3,960	SNWA	5/27/20
WMW6.15S	1,535.86	SNWA	5/26/20	NA			NA			0.321	SNWA	5/26/20	NA			NA			2,050	SNWA	5/26/20
WMW6.55S	1,542.85	SNWA	5/26/20	NA			NA			2.34	SNWA	5/26/20	NA			NA			3,700	SNWA	5/26/20
WMW7.8N	1,595.74	SNWA	5/27/20	NA			NA			0.00081	SNWA	5/27/20	NA			NA			1,960	SNWA	5/27/20
WS1-14	1,704.63	Endeavour	5/18/20	NA			1.2	Endeavour	5/18/20	4.7	Endeavour	5/18/20	NA			NA			3,600	Endeavour	5/18/20

TABLE A-4: SUPPLEMENTAL DATA USED IN PREPARATION OF THE 2020 ANNUAL REPORT

Nevada Environmental Response Trust Site

Henderson, Nevada

Well ID	Groundwater Elevation (ft amsl)			Chloroform (µg/L)			Chlorate (mg/L)			Perchlorate (mg/L)			Chromium (µg/L)			Hexavalent Chromium (µg/L)			TDS ¹ (mg/L)		
	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date	Result	Source	Date
WS2-15	1,698.40	Endeavour	5/18/20	NA			7.6	Endeavour	5/18/20	33	Endeavour	5/18/20	NA			NA			3,600	Endeavour	5/18/20
WS4-11	1,695.68	Endeavour	5/18/20	NA			13	Endeavour	5/18/20	66	Endeavour	5/18/20	NA			NA			5,300	Endeavour	5/18/20
WS5-10	1,713.51	Endeavour	5/18/20	NA			0.59	Endeavour	5/18/20	2.1	Endeavour	5/18/20	NA			NA			3,000	Endeavour	5/18/20
WS5-40	1,713.36	Endeavour	5/18/20	NA			1.2	Endeavour	5/18/20	4.8	Endeavour	5/18/20	NA			NA			2,500	Endeavour	5/18/20
WS5-80	1,715.00	Endeavour	5/18/20	NA			<0.002	Endeavour	5/18/20	<0.00031	Endeavour	5/18/20	NA			NA			880	Endeavour	5/18/20
ZX-11	1,730.01	Endeavour	5/18/20	NA			0.26	Endeavour	5/18/20	0.59	Endeavour	5/18/20	NA			NA			3,300	Endeavour	5/18/20
ZX-45	1,727.29	Endeavour	5/18/20	NA			0.15	Endeavour	5/18/20	0.45	Endeavour	5/18/20	NA			NA			2,000	Endeavour	5/18/20
ZY-11	1,741.74	Endeavour	5/18/20	NA			0.16	Endeavour	5/18/20	0.27	Endeavour	5/18/20	NA			NA			4,500	Endeavour	5/18/20

Notes:

Data in this table have been provided by others. Ramboll and the Trust have not independently verified these data.

mg/L = milligrams per liter

µg/L = micrograms per liter

ft amsl = feet above mean sea level

OSSM = Olin Chlor-Alkali/Stauffer/Syngenta/Montrose

SNWA = Southern Nevada Water Authority

TIMET = Titanium Metals Corporation

NA = Not analyzed

NM = Not measured

-- = Result is available from the NERT site sampling and is presented in Tables A-1 or A-3

¹Endeavour's TDS results were converted from field specific conductivity measurements using a conversion factor of 0.707.

Qualifier Notes:

J = Concentration is estimated

J- = Estimated concentration, potential negative bias

J+ = Estimated concentration, potential positive bias

< = Concentration is less than indicated laboratory method reporting limit

UJ = Concentration is less than estimated laboratory method reporting limit