Prepared for
Nevada Environmental Response Trust
Henderson, Nevada

Prepared by
Ramboll Americas Engineering Solutions, Inc.
Oakland, California

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ECA CHARACTERIZATION WORK PLAN

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE
HENDERSON, NEVADA

RAMBOLL

ECA CHARACTERIZATION WORK PLAN

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

Signature: Jay A Steinberg, President Not Individually, but Solely as President of the Trustee

Name: Jay A. Steinberg, not individually, but solely in his representative capacity as President of the Nevada Environmental Response Trust Trustee

Title: Solely as President and not individually

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Date: 10/2/25

ECA Characterization Work Plan

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

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.

Kimberly Kuwabara

October 2, 2025

Kimberly Kuwabara, MS
Senior Managing Consultant

Date

Certified Environmental Manager
Ramboll Americas Engineering Solutions, Inc.
CEM Certificate Number: 2353
CEM Expiration Date: March 20, 2027

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APPENDICES

Appendix A ECA Soil Data Summary

ACRONYMS AND ABBREVIATIONS

AP	ammonium perchlorate
AP&CC	American Potash and Chemical Company
BCL	Basic Comparison Level
bgs	below ground surface
BHRA	baseline health risk assessment
BMI	Basic Management, Inc.
BMI Complex	Black Mountain Industrial Complex
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
COPC	chemical of potential concern
DVSR	data validation summary report
EB	equipment blank
ECA	excavation control area
EC/IC	Environmental Covenant and Institutional and Engineering Control (also referred to as I/E or IC/EC)
EDD	electronic data deliverable
EMD	EMD Acquisition LLC
Envirogen	Envirogen Technologies, Inc.
Eurofins	Eurofins Environmental Testing Southwest, LLC
FD	field duplicate
FS	Feasibility Study
FSP	field sampling plan
ft	feet
ft msl	feet above mean sea level
ft/ft	feet per foot
GW-11	groundwater holding pond within OU-1
GWETS	groundwater extraction and treatment system
Hardesty/AMECCO	Hardesty Chemical Company (later AMECCO Chemical Company)
HASP	health and safety plan
HRA	health risk assessment
HISSC	Henderson Industrial Site Steering Committee

HSSL	human health-based soil screening level
ID	identification
IDW	investigation-derived waste
Kerr-McGee	Kerr-McGee Chemical Corporation
kV	kilovolt
LOU	Letter of Understanding
MS/MSD	matrix spike / matrix spike duplicate
NAC	Nevada Administrative Code
NDEP	Nevada Division of Environmental Protection
NERT	Nevada Environmental Response Trust
NFA	no further action
OCP	organochlorine pesticide
OSHA	Occupational Safety and Health Administration
OU	Operable Unit
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
pg/g	picograms per gram
PID	photoionization detector
Qal	Quaternary alluvial deposits
QA/QC	quality assurance / quality control
QAPP	quality assurance project plan
Ramboll	Ramboll Americas Engineering Solutions, Inc.
RCRA	Resource Conservation and Recovery Act
RI	remedial investigation
RI/FS	remedial investigation / feasibility study
RZ	remediation zone
SAP	sampling and analysis plan
SB	soil boring
SIM	selective ion monitoring
Site	NERT Site
SLERA	screening level ecological risk assessment
SRG	soil remediation goal
SVOC	semi-volatile organic compound

TB	trip blank
TEQ	toxicity equivalent
Tetra Tech	Tetra Tech, Inc.
TIMET	Titanium Metals Corporation of America
TPH	total petroleum hydrocarbon
Tronox	Tronox LLC
Trust	Nevada Environmental Response Trust
USEPA	United States Environmental Protection Agency
VOC	volatile organic compound
WECCO	Western Electrochemical Company

1. INTRODUCTION

This Excavation Control Area (ECA) Characterization Work Plan (the "Work Plan") has been prepared by Ramboll Americas Engineering Solutions, Inc. (Ramboll) on behalf of the Nevada Environmental Response Trust (NERT or the Trust) for the 38 ECAs within the property owned by the Trust within the Black Mountain Industrial (BMI) Complex in Henderson, Nevada (the NERT Site or Site).

The ECAs are areas located beneath or near infrastructure where known impacted soil was left in place after the 2010-2011 soil removal action (or subsequent limited soil removal actions[1]) or where potentially impacted soils might be located. For the purposes of this Work Plan, impacted soils are defined as soils that contain chemicals of potential concern (COPCs) above Health-based Soil Screening Levels (HSSLs) and background levels (if applicable) attributable to the former operations at the NERT Site. Soils within ECAs are managed in accordance with NERT's Site Management Plan (SMP; Ramboll 2025). This Work Plan presents the methodology for evaluating the shallow soils (less than 10 feet below ground surface [bgs][2]) within each of the 38 ECAs. The proposed methodology was discussed in a May 20, 2025 meeting with the Nevada Division of Environmental Protection (NDEP) and the United States Environmental Protection Agency (USEPA). The data collected under this Work Plan will be used to prepare a Baseline Health Risk Assessment (BHRA) for the ECAs, the results of which will be incorporated into the NERT Feasibility Study (FS).

1.1 Overview

NERT is implementing a Remedial Investigation and Feasibility Study (RI/FS) for the NERT RI Study Area in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended, and the Interim Consent Agreement between NDEP and the Trust (NDEP 2011a). The NERT RI Study Area is located within the Las Vegas Valley Hydrologic Basin and consists of three operable units (OUs) (Figures 1-1 and 1-2). The only OU of relevance to this Work Plan is OU-1, which includes the NERT Site. While OU-1 also includes Sale Parcels formerly owned by NERT, the ECAs are located entirely on property currently owned by NERT, as shown in Figure 1-3. The NERT Site also includes 114 acres that are currently leased to EMD Acquisition LLC (EMD).

NERT completed and NDEP approved the RI Report for OU-1 and OU-2 dated February 2024 (Ramboll 2024). NERT completed and NDEP approved risk assessments for OU-1 and OU-2,

[1] Three limited soil removal actions since 2011 include:

- In October 2013, a removal action was performed in former ECA E3; no impacted soil was left in place during this removal action and ECA E3 was closed.
- In February 2016, discolored soil was discovered and left in place during the Storm Water Conveyance Modification and Property Line Grading Project, creating ECA C19.
- In April 2019, a removal action was performed to excavate a small area impacted by dioxins generally located outside the boundary of ECA D3; however, no impacted soil was left in place during this removal action.

[2] Shallow soil up to 10 feet below ground surface is used to evaluate risk to on-site and construction workers via direct contact with soil. All other risk pathways at the NERT Site have been fully evaluated in prior risk assessments, as discussed below in Section 1 and in Section 4.

including a BHRA for OU-1 Soils (Ramboll 2022) and a BHRA for OU-1 Soil Gas and Groundwater (Ramboll 2023a). However, consistent with risk management decisions made by NDEP predating the Trust, the risk assessments performed by the Trust did not evaluate risk posed by direct contact with soil (i.e., incidental ingestion, dermal contact, and inhalation of airborne particulates and vapors) within the ECAs as such risk was to be managed by NERT through implementation of the SMP.

A soil removal action was completed in 2010 and 2011 under an order from NDEP to address impacted soil identified during the Phase A and B Environmental Compliance Assessment Programs that were conducted between 2006 and 2009 (ENSR 2007, 2008a-d, AECOM 2008), as well as pre-excavation sampling conducted in 2010. An estimated 567,770 cubic yards (or 930,000 tons) of impacted soil was removed in 2010 and 2011 (ENVIRON 2012). This program was designed and largely implemented by Tronox LLC (Tronox) before the inception of the Trust in February 2011 with roughly the remaining 18% of the soils excavated by the Trust upon its inception. ECAs were then established for areas where infrastructure or Tronox operations (e.g., subgrade and aboveground utilities, buildings, roadways, parking lots, concrete pads, and other paved areas) were deemed by Tronox (with concurrence from NDEP) to preclude characterization of soil and/or excavation of impacted soil (ENVIRON 2012).

The following is a summary of the risk assessments performed by Tronox and NERT for all property currently owned by the Trust:

- A BHRA for OU-1 Soils (Ramboll 2022) was completed and approved by NDEP on June 2, 2022 for an approximately 142-acre non-contiguous area within OU-1, excluding the Sale Parcels, Remediation Zone A (RZ-A; a contiguous 28-acre area in the southern portion of the Site) and the ECAs (approximately 87 acres). The information presented in the BHRA is being used to inform risk management decisions as part of the NERT FS. In addition, an NFA was granted in July 2025 for the 8th Street Parcel within the Operations Area which bifurcates former Parcel H (NDEP 2025).
- A soil gas and groundwater BHRA for the entirety of OU-1 excluding the Sale Parcels (Ramboll 2023a) was completed and approved by NDEP on January 2, 2024. The information presented in the soil gas and groundwater BHRA is being used to inform risk management decisions as part of the NERT FS.
- An HRA was previously completed for RZ-A and was approved by NDEP in August 2010 (Northgate 2010a). The findings of this risk assessment indicated that there was no risk in excess of the NDEP/EPA risk management range. Therefore, this area will not be considered in the FS.
- A separate HRA was completed for Parcel E in November 2023 (Ramboll 2023b) because this parcel is not contiguous with the rest of the Site. An NFA for this parcel was issued in October 2024 (NDEP 2024b). The findings of this risk assessment indicated that there was no risk in excess of the NDEP/EPA risk management range. Therefore, this area will not be considered in the FS.
- A Refined Screening Level Ecological Risk Assessment (SLERA) for Operable Unit 1, was submitted to NDEP in December 2023 and approved by NDEP on February 1,

2024 (Ramboll 2023c). Since ecological risk was identified in excess of the NDEP/EPA hazard quotient of 1.0, ecological risk will be considered in the FS.

While the NERT RI sufficiently identified source areas threatening groundwater quality and defined the nature and extent of impacted soil and groundwater present across the entirety of OU-1 to proceed with a FS to achieve NERT's Remedial Action Objectives, insufficient information is available from within each of the ECAs to support an informed risk management decision regarding potential remedies to address direct soil exposure as part of the FS. The purpose of this Work Plan is to gather additional information sufficient to characterize the ECAs, perform a BHRA for the ECAs (the subject of a forthcoming work plan) and integrate the ECAs into the FS such that the final NERT remedy addresses all potential exposure pathways and a future NFA can be obtained for the majority of OU-1. Since the ECAs make up approximately 87 acres of the NERT Site, this process will allow for a broader NFA and will ensure the final remedy addresses the majority of impacted media that has unacceptable risks to human health, thus minimizing the scope of the SMP in the future.

1.2 Scope of Work

This Work Plan presents the necessary elements to collect the data needed to evaluate human health risks associated with soils less than 10 feet bgs within portions of the individual ECAs which are accessible.

1.3 Work Plan Organization

This Work Plan identifies additional activities proposed to address remaining contamination within the ECAs. The overall format of the Work Plan follows:

- Section 1 presents a brief introduction, identifying the purpose of the activities and the contents of this Work Plan.
- Section 2 summarizes background information about the Site.
- Section 3 summarizes regulatory actions relevant to the soil removal action and how the ECAs were established.
- Section 4 describes each of the 38 ECAs in terms of location and why they were established, summarizes the existing analytical data from the top ten feet of soil that are available within each ECA, proposes sampling locations within each ECA, and provides the rationale for those proposed locations.
- Section 5 presents the sampling and analysis plan and methodologies for collecting the data for the proposed soil boring locations presented in Section 4.
- Section 6 presents a concise summary of this Work Plan.
- Section 7 provides the schedule for field work and document preparation.
- Section 8 lists the references cited in this Work Plan.

2. PHYSICAL AND ENVIRONMENTAL SETTING

2.1 Background

OU-1 has been the location of industrial operations since 1942, when it was developed by the United States government as a magnesium plant to support World War II operations. Following the war, OU-1 continued to be the location of industrial activities, including the production of chemical products, such as perchlorates, boron, and manganese compounds. Former industrial and waste management activities conducted at OU-1, as well as those conducted at adjacent BMI Complex properties, resulted in contamination of environmental media within the NERT RI Study Area, including soil, groundwater, and surface water. A detailed description of the Site history is presented in Sections 2.1 and 2.2 of the RI Report for OU-1 and OU-2 (Ramboll 2024).

2.2 Surface Features

Elevations across OU-1 range from 1,700 to 1,873 feet above mean sea level datum (ft msl), and the land surface across the Site generally slopes toward the north at a gradient of approximately 0.02 feet per foot (ft/ft). The developed portions of OU-1 have been modified by grading to accommodate building foundations, surface impoundments, and access roads. Further modifications were made as part of the Soil Removal Action (ENVIRON 2012), in which soils were typically excavated to depths of up to 10 ft bgs, as detailed in Section 3.1 of this report. In some cases, depths were extended to greater than 10 feet to remove discolored soils. As part of storm water management at the Site, some excavations were only partially backfilled or not backfilled at all, generally resulting in depressions with 3:1 side slopes.

2.3 Geologic Setting

The NERT Site is located within the Las Vegas Valley, which occupies a topographic and structural basin trending northwest-southeast and extending approximately 55 miles from near Indian Springs in the north to Railroad Pass to the south. The valley fill deposits consist of a relatively thin series of Quaternary alluvium deposits over a thick unit of older Tertiary Muddy Creek Formation sediments. The alluvium consists of a reddish-brown heterogeneous mixture of well-graded sand and gravel with lesser amounts of silt, clay, and caliche. Clasts within the alluvium are primarily composed of volcanic material. Boulders and cobbles are common. Due to the mode of deposition, no distinct beds or units are continuous over the NERT Site. Within the NERT Site, the thickness of the alluvial deposits ranges from approximately 20 feet to 35 feet. Since the ECA characterization will limit sampling to the upper 10 feet of the subsurface, the alluvium is anticipated to be the sole geologic unit encountered. Refer to Sections 5.4 and 5.5 of the RI Report for OU-1 and OU-2 (Ramboll 2024) for a more detailed description of geology and hydrogeology at the NERT Site.

3. OU-1 SOIL REGULATORY ACTIONS, ENVIRONMENTAL INVESTIGATIONS, REMOVAL ACTIONS AND ECA HISTORY

As detailed in the RI Report for OU-1 and OU-2 (Ramboll 2024), the NERT RI Study Area has been the subject of numerous regulatory actions, environmental investigations, and remedial actions since the early 1970s. The investigations performed in OU-1 have found that soil and groundwater within and downgradient of OU-1 is impacted by perchlorate, hexavalent chromium, and other contaminants as a result of former industrial operations. This section focuses on the principal regulatory actions, environmental investigations, and removal actions that lead to the development of the ECAs.

3.1 Regulatory Actions and Environmental Investigations

Pursuant to the 1996 Consent Agreement (NDEP 1996), and well before the inception of NERT in 2011 and the start of the NERT Remedial Investigation in 2014, Kerr-McGee was required to complete a Phase II Environmental Conditions Assessment to address data gaps identified in the original Phase II Environmental Conditions Report. Kerr-McGee then developed a two-step conceptual approach that included:

- **Phase A:** Initial assessment of site-related chemicals in soil and groundwater to determine how many of the site-related chemicals are present in soil and groundwater; and
- **Phase B:** Develop a series of east-west chemical cross sections to define general site-wide vadose zone impacts and refine the COPC list and compile a site-wide chemical profile of the vadose zone.

Tronox[3] performed the Phase A and B soil sampling programs in 2006 and 2008, respectively.

As a result of the findings of these investigations, NDEP issued a Finding of Alleged Violation and Order (NDEP 2009) on December 14, 2009, requiring Tronox to "complete removal of all contaminated soils from the Site by December 31, 2010" (i.e., remove all soil containing COPCs in excess of soil remediation goals (SRGs[4]) in order to reduce the human health risks associated with contaminated soil).

3.2 Removal Actions

For the purposes of the soil removal activities, the main impacted portions of the Site were divided into five separate RZs by Tronox which are listed below and shown in Figures 3-1 and 3-2:

[3] In 2005, Kerr-McGee spun off its chemical business and changed the company's name to Tronox, which took title to the property and assumed obligations related to the Site.

[4] SRGs were levels based on NDEP's worker Basic Comparison Levels (BCLs) or modified risk-based goals as agreed upon by NDEP. NERT's current HSSLs are similar but also include EPA Regional Screening Levels if BCLs or more specific goals are unavailable.

- RZ-A: an area in the southern portion of the Site
- RZ-B: the area around the Unit Buildings
- RZ-C: the ammonium perchlorate production area, Koch Materials area, pond and diesel storage tank area, and manganese tailings area
- RZ-D: the Trade Effluent ponds and ammonium perchlorate pad/drum recycling area (including the on-site landfill)
- RZ-E: the Beta Ditch

A Removal Action Work Plan for Phase B Soil Remediation of Remediation Zones RZ-B through RZ-E (Northgate 2010b) was prepared to remove soil within the upper 10-ft bgs horizon. No removals were required in RZ-A because "Soil sampling in RZ-A did not identify soils exceeding NDEP clean-up criteria" (Northgate 2010b).

Based on soil sampling analytical results from the Phase A and B sampling programs and additional pre-excavation sampling conducted in Spring 2010, excavation polygons were established within each RZ which defined the horizontal and vertical extents of the excavation within each polygon. The locations, shapes, and depths of the excavation polygons are shown in Figure 3-1. The general removal strategy consisted of excavation of soils within designated excavation polygons, sampling of discolored soil, and removal of discolored soil if above SRGs or otherwise deemed appropriate to remove.

Tronox implemented the program through February 14, 2011 and NERT completed implementation of the program from February 15, 2011 through November 2011. The soil removal action is described in detail in the 2012 Soil Removal Action Completion Report (ENVIRON 2012). The excavation polygons were generally excavated to the designed horizontal and vertical extent. However, some excavation polygons were not excavated to their designed extent due to decisions made by Tronox with NDEP concurrence related to the presence of physical obstructions, inaccessible areas, or were cost prohibitive with a high degree of difficulty to excavate. Examples of such areas included subgrade and aboveground utilities, buildings, roadways, parking lots, and other paved areas. With the noted exceptions presented in Section 1.1 of excavations performed by the Trust after completion of the 2010-2011 soil removal action, all soils left in place remain today and the current status of the excavation polygons is shown in Figure 3-2. Figure 3-2 also shows hatched areas that demark ECAs, which contain the unexcavated excavation polygons as discussed below.

3.3 ECA Establishment

In December 2010, Tronox submitted an Environmental Risk Management Plan (Northgate 2010g) to NDEP that provided a decision-making framework for the management of residual impacts at the Site including for "Areas of the Site that have been designated as Institutional Control/Engineering Control Areas (I/E[5] Areas), where impacted soil has been left in place". NDEP's response (NDEP 2011b) to the Environmental Risk Management Plan,

[5] These areas were also known as Environmental Covenant and Institutional and Engineering Control (EC/IC) Areas, or Institutional and Engineering Control (IC/EC) Areas. The acronyms I/E, EC/IC, and IC/EC are used interchangeably in the document record.

which was addressed to NERT as the Trust was established while the Environmental Risk Management Plan was under NDEP review, included 26 comments including the following:

- General comment, please remove any reference to EC/IC and replace with Excavation Control Areas (ECA).

The Soil Removal Action Completion Report (ENVIRON 2012) designated ECAs for the following reasons, initially outlined by Tronox in the individual excavation plans for each RZ (Northgate 2010c; 2010d; 2010e; 2010f) and the Environmental Risk Management Plan (Northgate 2010g):

- Impacted and/or discolored soil areas that were located beneath existing operational structures (e.g., buildings) and determined by Tronox (with concurrence from NDEP) to be technically infeasible or cost prohibitive to access for excavation.
- Impacted and/or discolored soil areas that were located in close proximity to utilities (e.g., active steam pipes) or other site feature (e.g., the active pond berms) and excavating soil in these areas was determined by Tronox (with concurrence from NDEP) to pose a potential safety hazard and/or to potentially result in damage to the utilities/features.
- Soil areas with unknown conditions and/or limited analytical results that were located beneath or immediately adjacent to existing operational structures or facilities, and it was determined by Tronox (with concurrence from NDEP) to be technically infeasible or cost prohibitive to access these areas for investigation and/or excavation.

The ECAs were not established with the exact boundaries of unexcavated excavation polygons. For ease of administration, ECAs were established as larger polygons with a minimized number of straight sides surrounding entire areas with operational facilities, utilities, and/or unexcavated excavation polygons. Approximately 55 acres of the Site were designated for excavation during the 2010-2011 soil removal action, and approximately 8 acres of that area were left in place. The area of the established ECAs is approximately 87 acres. It is therefore possible that much of the ECA soil is not impacted, but further characterization of ECA soil is necessary to confirm.

4. ECA DESCRIPTIONS AND PROPOSED SAMPLING

This section summarizes the origin of each ECA, presents the available relevant analytical results for samples collected within the top ten feet of soil within each ECA, and proposes additional soil sample locations to gather data adequate to support a BHRA for commercial/industrial workers and construction workers exposure to soil via direct contact within each ECA.

As stated earlier, the RI Report for OU-1 and OU-2 identified source areas with potential to impact groundwater quality within OU-1 and defined the nature and extent of contamination of both soil and groundwater. Further, the BHRA for OU-1 Soil, the BHRA for OU-1 Groundwater and Soil Gas, and the SLERA for OU-1 defined the human health and ecological risk for the entire OU, except for direct contact with soil within the ECAs.

In acknowledgment of NDEP's approval of each of the above four reports, and the specific purpose of this Work Plan to evaluate risk to on-site and construction workers via direct contact with soil within the ECAs (as this is the only exposure pathway not yet evaluated within OU-1), only the top ten feet of soil within the ECAs will be further characterized. Therefore, two soil samples are intended to be collected at each proposed location unless otherwise specified at the predetermined depth intervals of 0-2 ft bgs and 8-10 ft bgs. If visible contamination is present between these depth intervals an additional soil sample will be collected. Consistent with the RI and with concurrence from NDEP provided in the May 20, 2025 meeting, all samples will be analyzed for general chemistry parameters, metals, radionuclides, dioxins/furans, polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyl Aroclor mixtures (PCBs), organochlorine pesticides (OCPs), semi-volatile organic compounds (SVOCs), and volatile organic compounds (VOCs). Surface (0-2 ft bgs) samples will also be analyzed for asbestos.

As mentioned in the previous section, the ECAs were established surrounding entire areas with operational facilities, utilities, and/or unexcavated excavation polygons. These areas are partially characterized, with known impacted soil and/or soil with limited or unknown conditions located near operational facilities or utilities. While historical decisions were made to limit sampling within ECAs, NERT has determined that the proposed sampling necessary to characterize the ECAs, as described in this section, can be completed.

Before identifying additional data requirements, all existing soil data included in the RI Soil Data Set presented in the RI Report for OU-1 and OU-2 (Ramboll 2024) was reviewed and is presented herein as applicable to the top ten feet of soil within each ECA. The RI Soil Data Set is comprised of:

- Tronox Phase A, B, and Parcel Investigations (2006–2009);
- Sampling associated with the 2010–2011 soil removal action;
- Sampling from the 2014–2019 NERT RI, including applicable RI modifications and the investigation of the Unit 4 and 5 Buildings; and

- Sampling from the localized soil removal action in 2019[6].

Data associated with soil that has been excavated through 2019 (the last soil removal action) are not included in the RI Soil Data Set since they are no longer representative of soil conditions. Sample depths were adjusted in areas where soil was excavated during the Soil Removal Action but not backfilled to the pre-excavation grade. Specifically, and to reflect current conditions, sampling depths were revised to represent the depth below grade based on the elevation *after* completion of soil excavation.

A statistical summary of the existing data for all constituents from the top ten feet of soil within each ECA was developed to help determine the required number of samples to characterize each ECA (e.g., Table 4-1a). Individual sample results for each ECA are also presented for all constituents exceeding HSSLs except radionuclides (e.g., Table 4-1b). Radionuclides are not included in the individual sample result exceedance tables nor are they specifically discussed in this section because all radionuclides throughout OU-1 were determined not to be associated with releases from historical operations, as detailed further in the RI Report for OU-1 and OU-2 (Ramboll 2024). All individual sample results within each ECA, including radionuclides, are presented in Appendix A.

To support the ECA BHRA, each ECA or group of ECAs to be assessed as one statistical unit in the risk assessment (ECA Group) should have at least 10 surface samples and 10 subsurface samples for each analyte to perform a statistical analysis (USEPA 2022). However, the number of samples required for a risk assessment is also based on the size of the area, having adequate spatial coverage, and adequate delineation around potential source areas. Therefore, 10 samples may not be sufficient for larger ECAs. Conversely, 10 samples may be an extreme sampling density for small, isolated ECAs. For small ECAs that cannot be combined into an ECA Group, a simple screening approach to the risk assessment with fewer samples was deemed more appropriate and is proposed herein.

While this section provides a basis for the proposed ECA sampling program organized by RZ, Section 5 provides details regarding the proposed sampling procedures and laboratory analysis, which will be performed consistent with the NERT RI.

4.1 RZ-B ECAs

The ECAs within RZ-B consist of a single large ECA covering the entire footprint of the six Unit Buildings (ECA B1) and six smaller ECAs surrounding and intersecting ECA B1. The smaller ECAs were established overlapping ECA B1 for ease of administration in order to avoid irregularly shaped ECAs. The smaller ECAs include the Avenue G utility lines (ECA B2), a fire hydrant (ECA B3), the current EMD[7] containment area (ECA B4), the current EMD filter cake process area (ECA B5), unexcavated soil near Unit Building 4 (ECA B6), and unexcavated soil near Unit Building 5 (ECA B7), as shown in Figure 4-1. Figure 4-1 also

[6] Confirmation sampling consistent with the SMP was performed for the localized soil removal actions in 2013 and 2016, but these removal actions had no associated validated data from sampling taken for the purpose of site characterization.

[7] After the establishment of the Trust, Tronox had a long-term lease for approximately 114 acres of the NERT Site, on which it continued to operate its chemical manufacturing business until August 2018 when Tronox's Henderson operations were purchased by EMD Acquisitions LLC (EMD) and EMD assumed the lease with the Trust. EMD continues to operate within the leased portion of the NERT Site.

shows the status of each excavation polygon (i.e., excavated or not excavated) located within RZ-B.

The six Unit Buildings within the NERT Site were initially constructed for the US government in 1941 for the production of magnesium, which ceased after World War II. All the Unit Buildings are comprised of three structures: a slab on grade chlorinator building on the north side, a cell building with a basement in the center, and an electrical substation building with a basement and sub-basement on the south side. After World War II, the use of each of the Unit Buildings changed in varying ways as described below. Due to the varying current uses of each of the Unit Buildings, investigation of the ECAs within RZ-B will be performed in three distinct areas: the western area encompassing Unit Buildings 1 and 2 and adjacent ECAs (Figure 4-2), the central area encompassing Unit Buildings 3 and 4 and adjacent ECAs (Figure 4-3), and the eastern area encompassing Unit Buildings 5 and 6 and adjacent ECAs (Figure 4-4). For purposes of this Work Plan, the western area will be referred to as ECA Group BW, the central area will be referred to as ECA Group BC, and the eastern area will be referred to as ECA Group BE. A key assumption about ECA Groups BW, BC, and BE is that upon demolition of the Unit Buildings at some point in the future, clean soil will be used to fill all sub-grade areas (i.e. the basements and sub-basements) preventing exposure of COPCs located below the surrounding ground surface to on-site or construction workers. In addition, it is assumed that the future NFA granted by NDEP will be similar in form to other BMI Complex NFAs granted by NDEP and thus will only address the top 10 feet of soil. Therefore, the scope of additional characterization as presented below is limited to areas without a basement (i.e. areas where an exposure pathway within the top 10 feet is complete) with one exception. At the direction of NDEP, additional soil borings will be completed as part of this scope of work for areas under Unit Buildings 3 and 6 where sampling has not been completed. The data will not be used for the purposes of the future risk assessment for the ECAs as this data will be at depths greater than 10 feet bgs which is deeper than the interval applicable to construction worker exposure.

4.1.1 ECA Group BW

ECA Group BW includes soil beneath the slab on grade building footprint (found on the northern portion of each Unit Building) and within 50 ft of Unit Buildings 1 and 2 (western third of ECA B1), portions of excavation polygons extending into Avenue G (western part of ECA B2), and the EMD containment area (ECA B4), as shown in Figure 4-2. While the following sections provide a limited summary of each Unit Building, additional details are provided within the RI Report for OU-1 and OU-2.

ECA B1: Unit Building 1

After World War II, Unit Building 1 was used by State Industries, Inc. for the manufacture and storage of hot water heaters from 1969 through 1988. Upon inception of the Trust and through the present, the building was and remains vacant and has been partially demolished. Soils within portions of excavation polygons RZ-B-01, -04A, -04B, -04C, and -14 extend under the northern footprint of Unit Building 1 (Figure 4-1)[8]. Because of the

[8] Completed excavation polygon B-15 refers to the basement of Unit Building 1. The basement was used for disposal of demolition materials that contained asbestos. The basement of Unit Building 1 was abated in August and September 2009, removing 15,587 tons of soil and debris.

building obstruction, decisions were made with NDEP concurrence prior to the inception of the Trust to exclude these areas from activities associated with the 2010-2011 soil removal action.

ECA B1: Unit Building 2

After World War II, Unit Building 2 was operated by Hardesty/AMECCO for chemical manufacturing, followed by Kerr-McGee for salt storage. Upon inception of the Trust and through the present, the building was and remains vacant and has been partially demolished. Soils within portions of excavation polygons RZ-B-04D, -06, and -07B extend under the northern footprint of Unit Building 2 (Figure 4-1)[9]. Because of the building obstruction, decisions were made with NDEP concurrence prior to the inception of the Trust to exclude these areas from activities associated with the 2010-2011 soil removal action. A portion of ECA B4 (Former Hazardous Waste Storage Area) overlaps with ECA B1 near the northeastern corner of Unit Building 2.

ECA B1: Soils Within Approximately 50 Ft of Unit Buildings

Soils within approximately 50 ft of the Unit Buildings are included within ECA B1 because characterization of these soils was limited at the time of the 2010-2011 soil removal action, and decisions were made with NDEP concurrence at that time not to proceed with any excavations.

ECA B2: Portions of Excavation Polygons Extending into Avenue G

There are various active and inactive utility lines that run beneath Avenue G, north of the Unit Buildings, including sanitary sewer, storm drain, and domestic water. The portions of polygons RZ-B-04C, -05, -09A, -11, -12, and -13 in the vicinity of these utilities beneath Avenue G were included in ECA B2, as shown in Figure 4-1. Because of the fragility of some of the older utility lines in this area, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action to not encroach within 5 feet of the utilities.

ECA B4: Former Hazardous Waste Storage Area

The former hazardous waste storage area is beneath two tanks and a membrane-lined containment area currently used by EMD. Soils beneath the former hazardous waste storage area include portions of RZ-B-07A, -08, -09, and -10 all of which were partially excavated during the 2010-2011 soil removal action to the extent possible without risking damage to the membrane in the 2010-2011 soil removal action. This area was designated as ECA B4, as shown in Figure 4-1. The former hazardous waste storage area is overlain by high density polyethylene sheeting for containment of tank contents.

Proposed Sampling

ECA Group BW is approximately 8.29 acres. Based on the size of this area, a statistical approach for risk is proposed. Tables 4-1a and 4-1b present data demonstrating that this ECA Group has sufficient sample numbers to perform a statistical evaluation of the data.

[9] Completed excavation polygon B-18 refers to the basement of Unit Building 2. The basement was used for disposal of demolition materials that contained asbestos. The basement of Unit Building 2 was abated in November and December 2010, removing 18,507 tons of soil and debris.

Perchlorate, arsenic, and hexachlorobenzene were detected in soil above HSSLs. Soil in this area is also impacted by asbestos[10]. However, this ECA Group is insufficiently characterized to support a BHRA as samples have not been collected in portions of several excavation polygons that were not excavated in the 2010-2011 soil removal action including under the northern slab on grade sections of Unit Buildings 1 and 2 and in the areas south of Unit Buildings 1 and 2; therefore, nine sampling locations are proposed (Figure 4-2). As proposed, a total of 18 soil samples will be collected to supplement the existing data. The sampling locations were selected to evaluate an unexcavated excavation polygon in the northern slab on grade sections of Unit Buildings 1 and 2, an unexcavated excavation polygon in ECA B2, and three unexcavated excavation polygons in ECA B4, as well as the area south of Unit Building 1 and the area south of Unit Building 2. The central and southern portions of the Unit Buildings have basement structures extending 10 or more feet below surrounding grade and therefore are outside the scope of this Work Plan as previously discussed. The number of samples proposed is sufficient to characterize this ECA Group and allow the necessary statistical evaluation to conduct the ECA BHRA.

4.1.2 ECA Group BC

ECA Group BC includes soil beneath the slab on grade building footprint and within 50 ft of Unit Buildings 3 and 4 (central third of ECA B1), portions of excavation polygons extending into Avenue G (eastern part of ECA B2), a fire hydrant (ECA B3), the former sodium chlorate filter cake process area (ECA B5), and soils beneath approximately 6 ft deep in polygons RZ-B-20 and -21 (western portion of ECA B6), as shown in Figures 4-3a and 4-3b. While the following sections provide a limited summary of each Unit Building, additional details are provided within the RI Report for OU-1 and OU-2.

ECA B1: Unit Building 3

After World War II, Unit Building 3 was eventually used by Kerr-McGee to support the production of sodium and potassium chlorate. The building is currently used by EMD for engineering offices. Soils within a portion of excavation polygon RZ-B-12 extend under the footprint of Unit Building 3 (Figure 4-1). Because of the building obstruction, decisions were made with NDEP concurrence prior to the inception of the Trust to exclude this area from activities associated with the 2010-2011 soil removal action.

ECA B1: Unit Building 4

After World War II, Unit Building 4 was operated by the Western Electrochemical Company (WECCO) and subsequently the American Potash and Chemical Company (AP&CC) and then Kerr-McGee for the production of sodium and potassium chlorate and potassium perchlorate until the mid-1990s, when operations switched to support the production of boron. The northern portion of the building is currently used for storage of materials associated with EMD's production of boron and its advanced battery manufacturing process. The central cell building section of Unit Building 4 is no longer in use, and the floor in this section was demolished by the Trust in 2016 to perform source area characterization. Source area characterization of soils beneath the building footprint was completed (Tetra Tech 2020; Ramboll 2024). The southern section of Unit Building 4 is currently used for the EMD

[10] Asbestos does not have an HSSL; soil impacted by asbestos is defined as one or more long amphibole fibers or greater than five long chrysotile fibers counted per sample (ENVIRON 2012).

advanced battery manufacturing process. Soils within portions of excavation polygons RZ-B-20 and -21 extend under the footprint of Unit Building 4. These polygons were excavated to a depth of 6 ft bgs, but because of building utilities, decisions were made with NDEP concurrence prior to the inception of the Trust to exclude deeper excavation from activities associated with the 2010-2011 soil removal action. These areas define ECA B6, which overlaps in its entirety with ECA B1 near the eastern portion of Unit Building 4.

ECA B1: Soils Within Approximately 50 Ft of Unit Buildings

Soils within approximately 50 ft of the Unit Buildings are included within ECA B1 because characterization of these soils was limited at the time of the 2010-2011 soil removal action, and decisions were made with NDEP concurrence at that time not to proceed with any excavations.

ECA B2: Portions of Excavation Polygons Extending into Avenue G

There are various active and inactive utility lines that run beneath Avenue G, north of the Unit Buildings, including sanitary sewer, storm drain, and domestic water. The portions of polygons RZ-B-04C, -05, -09A, -11, -12, and -13 in the vicinity of these utilities beneath Avenue G were included in ECA B2, as shown in Figure 4-1. Because of the fragility of some of the older utility lines in this area, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action to not encroach within 5 feet of the utilities.

ECA B3: Fire Hydrant

A fire hydrant is located along 7th Street, just south of Avenue G. Since the hydrant is active, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action not to remove the hydrant itself and soils in the immediate vicinity, including portions of polygon RZ-B-11. This portion of RZ-B-11 was included in ECA B3, as shown in Figure 4-1.

ECA B5: Former Sodium Chlorate Filter Cake Process Area

The former sodium chlorate filter cake process area is part of the manganese dioxide process operations. The concrete slab for the process area is approximately 52 ft by 46 ft by 12 inches thick. The slab is underlain by 2 inches of sand and a 20-mil membrane. The entire slab, including a portion of excavation polygon RZ-B-13 within the slab area, was designated as ECA B5, as shown in Figure 4-1. RZ-B-13 was excavated to the edge of the slab, with minimal setback and a near vertical slope. As this area was part of active operations, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action not to excavate underneath the slab.

ECA B6: Soils Beneath Approximately 6 Ft Deep in Polygons RZ-B-20 and RZ-B-21

Access for excavation of soils beneath 6 ft within excavation polygons RZ-B-20 and -21 was limited by the presence of several active subgrade utilities, including water, storm drain, and electrical lines. These utilities are located at depths of less than 6 ft. Excavation was performed to 6 ft deep, with temporary supports for some of the utility lines; however, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action not to perform deeper excavation so as to not compromise the utility lines. The portions of RZ-B-20 and -21 in the vicinity of these utilities were included in ECA B6, as shown in Figure 4-1.

Proposed Sampling

ECA Group BC is approximately 7.96 acres. Based on the size of this area, a statistical approach for risk is proposed. Tables 4-2a and 4-2b present data demonstrating that this ECA Group has sufficient sample numbers to perform a statistical evaluation of the data. Perchlorate, arsenic, and hexachlorobenzene were detected in soil above HSSLs. While two samples have a slight exceedance of the HSSL for 2,3,7,8-tetrachlorodibenzo-p-dioxin, the dioxin toxicity equivalent (TEQ) for these samples was calculated to be below the site-specific HSSL for dioxins of 2,700 pg/g. However, this ECA Group is insufficiently characterized to support a BHRA as samples have not been collected under the northern slab on grade sections of Unit Buildings 3 and 4 and in the areas west and south of Unit Building 3; therefore, ten sampling locations within the top 10 feet of soil (Figure 4-3a) are proposed and a total of 20 soil samples will be collected to supplement the existing data within the top 10 feet of soil (shown in Figure 4-3a) to support the ECA BHRA. The sampling locations were selected to evaluate an unexcavated excavation polygon in ECA B2, an unexcavated excavation polygon in ECA B3, and an unexcavated excavation polygon in ECA B5, as well as the areas south and west of Unit Building 3 and the northern portions of Unit Buildings 3 and 4 (including an unexcavated excavation polygon underneath the northern slab on grade section of Unit Building 3). The central and southern portions of the Unit Buildings have basement structures extending 10 or more feet below grade and therefore are outside the scope of this Work Plan as previously discussed. The number of samples proposed is sufficient to characterize this ECA Group and will allow the necessary statistical evaluation to conduct the ECA BHRA.

During the May 20, 2025 meeting with NDEP regarding the basis for this Work Plan, NDEP directed that an additional evaluation of soil below 10 feet bgs be performed underneath Unit Building 3. The groundwater beneath Unit Building 3 is well-characterized in the RI Report for OU-1 and OU-2 (Ramboll 2024) and does not indicate that the soil under the building is a potential source area. However, consistent with NDEP direction, 15 samples are proposed to be collected from three angle-drilled borings (approximately at a 20-degree angle) underneath Unit Building 3 to perform this evaluation as shown in Figure 4-3b. Figure 4-3b also shows existing soil sampling locations and exceedances of HSSLs in soil beneath 10 feet bgs. If the water table is encountered at an elevation higher than anticipated, fewer samples may be collected.

4.1.3 ECA Group BE

ECA Group BE includes soil beneath the slab on grade building footprint and within 50 ft of Unit Buildings 5 and 6 (eastern third of ECA B1), soils beneath approximately 6 ft deep in polygons RZ-B-20 and -21 (eastern portion of ECA B6), and soils within polygon RZ-B-22 (ECA B7), as shown in Figures 4-4a and 4-4b. While the following sections provide a limited summary of each Unit Building, additional details are provided within the RI Report for OU-1 and OU-2.

ECA B1: Unit Building 5

After World War II, Unit Building 5 was operated by WECCO and subsequently AP&CC and then Kerr-McGee for the production of sodium perchlorate and then for boron production starting in 1972. The building is currently used by EMD for the production of manganese dioxide and for storage. Source area characterization of soils beneath the building footprint

has been completed using angle-drilled borings (Tetra Tech 2020; Ramboll 2024). A portion of ECA B7 (soils within polygon RZ-B-22) overlaps with ECA B1 near the southwestern corner of Unit Building 5.

ECA B1: Unit Building 6

After World War II and starting in 1951, Unit Building 6 was used for the production of manganese dioxide and manganese metal and is currently used by EMD to produce manganese dioxide.

ECA B1: Soils Within Approximately 50 Ft of Unit Buildings

Soils within approximately 50 ft of the Unit Buildings are included within ECA B1 because characterization of these soils was limited at the time of the 2010-2011 soil removal action, and decisions were made with NDEP concurrence at that time not to procced with any excavations.

ECA B6: Soils Beneath Approximately 6 Ft Deep in Polygons RZ-B-20 and RZ-B-21

Access for excavation of soils beneath 6 ft within excavation polygons RZ-B-20 and -21 was limited by the presence of several active subgrade utilities, including water, storm drain, and electrical lines. These utilities are located at depths of less than 6 ft. Excavation was performed to 6 ft deep, with temporary supports for some of the utility lines; however, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action not to perform deeper excavation so as to not compromise the utility lines. The portions of RZ-B-20 and -21 in the vicinity of these utilities were included in ECA B6, as shown in Figure 4-1.

ECA B7: Soils Within Polygon RZ-B-22

Access for excavation of soils within excavation polygon RZ-B-22 was limited by the presence of subgrade utilities, building foundations, and other surface features, and decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action not to proceed with any excavations. Excavation polygon RZ-B-22 was included in ECA B7, as shown in Figure 4-1.

Proposed Sampling

ECA Group BE is approximately 7.88 acres. Based on the size of this area, a statistical approach for risk is proposed. Tables 4-3a and 4-3b present data demonstrating that this ECA Group has sufficient sample numbers to perform a statistical evaluation of the data. Arsenic and hexachlorobenzene were detected in soil above HSSLs. However, this ECA Group is insufficiently characterized to support a BHRA as samples have not been collected under the northern slab on grade sections of Unit Buildings 5 and 6 and in the areas north of Unit Building 6; therefore, seven sampling locations within the top 10 feet of soil (Figure 4-4a) are proposed and a total of 14 soil samples will be collected to supplement the existing data within the top 10 feet of soil (shown in Figure 4-4a) to support the ECA BHRA. The sampling locations were selected to evaluate an unexcavated excavation polygon in the portion of ECA B7 south of ECA B1, the area north of Unit Building 6, as well as the northern portions of Unit Buildings 5 and 6. The central and southern portions of the Unit Buildings have basement structures extending 10 or more feet below grade and therefore are outside the scope of this Work Plan as previously discussed. The number of samples proposed is

sufficient to characterize this ECA Group and will allow the necessary statistical evaluation to conduct the ECA BHRA.

During the May 20, 2025 meeting with NDEP regarding the basis for this Work Plan, NDEP directed that an additional evaluation of soil below 10 feet bgs be performed underneath Unit Building 6. The groundwater beneath Unit Building 6 is well-characterized in the RI Report for OU-1 and OU-2 (Ramboll 2024) and does not indicate that the soil under the building is a potential source area. However, consistent with NDEP direction, 15 samples are proposed to be collected from three angle-drilled borings underneath Unit Building 6 to perform this evaluation as shown in Figure 4-4b. Figure 4-4b also shows existing soil sampling locations and exceedances of HSSLs in soil beneath 10 feet bgs. If the water table is encountered at an elevation higher than anticipated, fewer samples may be collected.

4.2 RZ-C and RZ-E ECAs

RZ-C includes Site features north of RZ-B and south of the former Beta Ditch (RZ-E), including the former ammonia perchlorate production area (southern portion only), Koch Materials area, the former manganese tailings area, the pond and diesel storage tank area, a lab, a maintenance building, a steam plant, and the Leach Plant. Lined ponds MN-1 and MN-2, used by EMD, are located in the eastern portion of the NERT Site south of the former Beta Ditch. RZ-E is the former Beta Ditch, located in between RZ-C and RZ-D. The former Beta Ditch is no longer in use and has since been largely excavated, re-graded, and channelized as part of the 2010-2011 soil removal action. Because the former Beta Ditch was largely re-graded and the RZ-E ECAs are adjacent to the RZ-C ECAs, the ECAs from RZ-C and RZ-E are presented together in this section.

The ECAs within RZ-C consist of 18 mostly non-contiguous but occasionally overlapping ECAs, established for ease of administration in order to avoid irregularly shaped ECAs. The RZ-C ECAs, in addition to the status of each excavation polygon in the area, are shown in Figure 4-5.

The ECAs within RZ-E[11] currently consist of two non-contiguous ECAs. The RZ-E ECAs, in addition to the status of each excavation polygon in the area, are shown in Figure 4-6.

4.2.1 ECA C1: Portions of RZ-C-01/01A Beneath 4th Street

Access to excavation of soils within portions of excavation polygons RZ-C-01 and -01A during the soil removal action was limited by the presence of 4th Street, which was and remains in use. Therefore, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action not to perform excavations and the portions of RZ-C-01 and -01A beneath 4th Street were included in ECA C1, as shown in Figure 4-5.

[11] ECA E3 was established concurrently with ECAs E1 and E2. In October 2013, concurrent with the Titanium Metals Corporation of America (TIMET)'s excavation on their property line, the east end of the Beta Ditch (ECA E3) was successfully excavated (ENVIRON 2014a). The area formerly known as ECA E3 was included in the BHRA for OU-1 Soils and is therefore not part of the current investigation.

Proposed Sampling

Figure 4-7 shows the location (along Fourth Street and north of Avenue F) and layout of ECA C1, which is approximately 0.06 acres. Based on the size of the ECA, a screening approach for risk is proposed. Tables 4-4a and 4-4b present data demonstrating that ECA C1 has limited sampling in two locations. Arsenic and thallium were detected in soil above HSSLs. Two sampling locations (Figure 4-7) are proposed and a total of 4 soil samples will be collected in addition to the samples from the two existing locations. As specified above, soil samples will be analyzed for asbestos to ensure sufficient asbestos samples have been collected (there is no current asbestos sampling within ECA C1) based on the size of the ECA. The sampling locations were selected to evaluate the unexcavated excavation polygons. The number of samples proposed is sufficient to characterize this ECA and conduct the ECA BHRA.

4.2.2 ECA E1: Portions of RZ-E-01 and RZ-E-03 Beneath 4th Street

Excavation of soils within the westernmost portions of excavation polygons RZ-E-01 and -03 during the soil removal action was limited by the presence of 4th Street. Therefore, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action not to perform excavations and the western portions of RZ-E-01 and -03 beneath and adjacent to 4th Street and were included in ECA E1, as shown in Figure 4-6.

Proposed Sampling

Figure 4-7 shows the location (along Fourth Street and north of Avenue F) and layout of ECA E1, which is approximately 0.04 acres. Based on the size of the ECA, a screening approach for risk is proposed. ECA E1 has no existing sampling locations; therefore, two sampling locations (Figure 4-7) are proposed and a total of 4 soil samples will be collected based on the size of the ECA. The sampling locations were selected to evaluate the unexcavated excavation polygons. The number of samples proposed is sufficient to characterize this ECA and conduct the ECA BHRA.

4.2.3 ECA C2: Portions of RZ-C-03/04/05A Beneath 5th Street

Access to excavation of soils within portions of excavation polygons RZ-C-03, -04, and -05A during the soil removal action was limited by the presence of 5th Street. Therefore, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action not to perform excavations and the portions of RZ-C-03, -04, and -05A beneath 5th Street were included in ECA C2, as shown in Figure 4-5.

Proposed Sampling

Figure 4-8 shows the location (east of Fourth Street and north of Avenue F) and layout of ECA C2, which is approximately 0.33 acres. Based on the size of the ECA, a screening approach for risk is proposed. ECA C2 has no existing sampling locations; therefore, six sampling locations (Figure 4-8) are proposed and a total of 12 soil samples will be collected based on the size of the ECA. The locations were selected to evaluate each of the three unexcavated excavation polygon areas. The number of samples proposed is sufficient to characterize this ECA and conduct the ECA BHRA.

4.2.4 ECA C3: Portion of RZ-C-06 Beneath Fire Hydrant and Utilities Along Avenue F

There are four active utility lines and a fire hydrant that run beneath Avenue F in the vicinity of RZ-C-06, including domestic and stabilized water lines, a sanitary sewer line, and a storm drain line. Excavation during the soil removal action in RZ-C-06 extended to a depth of 9 ft bgs with a slope of 1:1 along the southern side of the polygon excavation, but was limited by the presence of Avenue F. Therefore, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action not to perform excavations and the portion of RZ-C-06 in the vicinity of these utilities beneath Avenue F was included in ECA C3, as shown in Figure 4-5. Clean imported backfill material was placed to create a 3:1 slope and orange snow fencing was used as a visual demarcation between the clean backfill material and impacted soil below.

Proposed Sampling

Figure 4-8 shows the location (east of Fourth Street and north of Avenue F) and layout of ECA C3, which is approximately 0.06 acres. Based on the size of the ECA, a screening approach for risk is proposed. ECA C3 has no existing sampling locations; therefore, two sampling locations (Figure 4-8) are proposed and a total of 4 soil samples will be collected based on the size of the ECA. The locations were selected to evaluate the unexcavated excavation polygon area. The number of samples proposed is sufficient to characterize this ECA and conduct the ECA BHRA.

4.2.5 ECA C4: Concrete Foundation

Access to excavation of soils within portions of excavation polygons RZ-C-06 and -09B during the soil removal action was limited by the presence of a concrete foundation. Therefore, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action not to perform excavations and the portions of RZ-C-06 and 09B beneath the foundation were included in ECA C4. The soils beneath the concrete foundation have not been characterized, so in addition to the portions of RZ-C06 and -09B beneath the foundation, the remainder of the concrete foundation area was also included in ECA C4, as shown in Figure 4-5.

Proposed Sampling

Figure 4-8 shows the location (east of Fourth Street and north of Avenue F) and layout of ECA C4, which is approximately 1.14 acres. Based on the size of the ECA, a statistical approach for risk is proposed. Tables 4-5a and 4-5b present data demonstrating that ECA C4 has no exceedances of the HSSL in soil; however, the western portion of the concrete slab is insufficiently characterized. In addition, the ECA has an insufficient number of surficial samples for a statistical evaluation. Therefore, five sampling locations (Figure 4-8) are proposed and a total of 10 soil samples will be collected. The locations were selected to evaluate the two unexcavated excavation polygon areas and characterize the soil beneath the concrete foundation within the western portion of the ECA. The number of samples proposed is sufficient to characterize this ECA and conduct the ECA BHRA.

4.2.6 ECA C5: Water, Fiber Optic, and Electric Utility Lines Through and Near RZ-C-11/13

Access to excavation of soils within and adjacent to portions of excavation polygons RZ-C-11 and -13 during the soil removal action was limited by the presence of active subsurface utilities, including water and fiber-optic utility lines. A portion of polygon RZ-C-11 was excavated to approximately 6 ft deep around the utilities and the area was backfilled with clean imported soil; however, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action not to perform excavations for portions of RZ-C-11 and -13, as well as discolored soils deeper than the original excavation depth of polygon RZ-C-13. The portions of RZ-C-11 and -13 in the vicinity of these utilities, including where discolored soils are known or suspected to be present, were included in ECA C5, as shown in Figure 4-5.

Proposed Sampling

Figure 4-9 shows the location (east of Fourth Street and north of Avenue F) and layout of ECA C5, which is approximately 0.15 acres. Based on the size of the ECA, a screening approach for risk is proposed. ECA C5 has no existing sampling locations; therefore, four sampling locations (Figure 4-9) are proposed and a total of 8 soil samples will be collected based on the size of the ECA. The locations were selected to evaluate the unexcavated excavation polygon areas. The number of samples proposed is sufficient to characterize this ECA and conduct the ECA BHRA.

4.2.7 ECA C6: Discolored Soil at Former Pump House Yard

During soil removal action activities, discolored soil from the ground surface to a depth of at least 10 ft was discovered in the area of the former pump house yard. Because of the extent and depth of the discolored soil and the limited access in this area due to perimeter fencing and utilities, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action to designate this area as ECA C6, as shown in Figure 4-5.

Proposed Sampling

Figure 4-9 shows the location (east of Fourth Street and north of Avenue F) and layout of ECA C6, which is approximately 0.33 acres. Based on the size of the ECA, a screening approach for risk is proposed. Tables 4-6a and 4-6b present data demonstrating that ECA C6 has sampling in four locations. Arsenic and hexachlorobenzene were detected in soil above HSSLs. Two additional sampling locations (Figure 4-9) are proposed and a total of 4 soil samples will be collected in addition to the four existing locations based on the size of the ECA. The number of samples proposed is sufficient to characterize this ECA and conduct the ECA BHRA.

4.2.8 ECA C7: Avenue F Utilities, Railroad Line, and Roadway

The road leading to the Lhoist (formerly Chemstar) plant (Avenue F) is active and used by trucks entering and exiting the plant, and excavation in the road would limit use of the road by Lhoist. The area owned by Lhoist is not part of the NERT Site but is surrounded by NERT property. Lhoist hauls 24 hours a day, five days a week. In addition, there are several utility lines that run beneath Avenue F, including water lines, a sanitary sewer line, electrical

conduits, a storm drain line, and others. Additionally, two railroad lines run through a portion of RZ-C-13A. The southernmost railroad line is active.

The extent of ECA C7 is shown in Figure 4-5. Access to excavation of soils within portions of excavation polygons RZ-C-09B, -12, -13, -13A, -14, -15, -24, -26, and -27 was limited during the soil removal action by the presence of Avenue F and nearby utilities and rail lines. Accessible discolored soils were removed from the excavation area north of Avenue F, however, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action to leave discolored soil in place in the southern excavation sidewall that likely extends beneath Avenue F.

Clean imported backfill material was placed in this area and orange snow fencing was used as a visual demarcation between the clean backfill material and impacted soils below.

Proposed Sampling

Figure 4-10 shows the location (north of Lhoist) and layout of ECA C7, which is approximately 2.27 acres. Based on the size of the ECA, a statistical approach for risk is proposed. Tables 4-7a and 4-7b present data demonstrating that this ECA has insufficient sample numbers to calculate statistics. Arsenic and hexachlorobenzene were detected in soil above HSSLs, and soil in this area is also impacted by asbestos. While two samples have a slight exceedance of the HSSL for 2,3,7,8-tetrachlorodibenzo-p-dioxin, the dioxin TEQ for these samples was calculated to be below the site-specific HSSL for dioxins of 2,700 pg/g. Seven additional sampling locations (Figure 4-10) are proposed and a total of 14 soil samples will be collected based on the existing sample numbers as well as the size of the ECA. The locations were selected to increase the sampling density to ensure that a statistically significant number of samples are collected and to evaluate the unexcavated excavation polygons. The number of samples proposed is sufficient to characterize this ECA and will allow the necessary statistical evaluation to conduct the ECA BHRA.

4.2.9 ECA C8: 9th Street Utilities and Roadway

There are a variety of utility lines that run beneath and above 9th Street in the vicinity of RZ-C-22A and -22B including a gas line, a sanitary sewer line, a water line, a tailing line[12], and an overhead power line. Excavation during the soil removal action in these areas would have encountered these utility lines. Therefore, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action to include soils beneath the 9th Street roadway and in the vicinity of these utilities, including portions of RZ-C-22A and -22B and areas outside these polygons where discolored soil was observed, in ECA C8, as shown in Figure 4-5.

Proposed Sampling

Figure 4-11 shows the location (north of ECA C7) and layout of ECA C8, which is approximately 0.53 acres. Based on the size of the ECA, a screening approach for risk is

[12] A tailing line is used to move ore processing residuals (tailings) as a slurry. The tailing line was historically used to transport manganese ore from the manufacturing area to the manganese tailings pile, which was removed in 2010. The tailing line itself was not removed. The manganese tailings pile removal effort is described in detail in the Manganese Tailings Pile Removal Technical Memorandum (Northgate 2013).

proposed. Tables 4-8a and 4-8b present data demonstrating that ECA C8 has sampling in three locations, though for surface soil limited laboratory analysis was performed on all but one sample. Arsenic was detected in soil above the HSSL. Eight sampling locations (Figure 4-11) are proposed and a total of 16 soil samples will be collected in addition to the three existing locations based on the size of the ECA. The locations were selected to evaluate the unexcavated excavation polygons. The number of samples proposed is sufficient to characterize this ECA and conduct the ECA BHRA.

4.2.10 ECA C9: Diesel Tank and Pipelines

An aboveground diesel tank and associated pipelines provide the emergency fuel source for the EMD steam plant. The diesel tank is serviced by two pipelines (an inlet and an outlet). A portion of one of these lines is below ground. Portions of excavation polygons RZ-C-19, -22, -23 and -27 extend in the vicinity of the pipelines or underneath the diesel tank containment structure. Therefore, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action to include the portions of these excavation polygons that could not be excavated in ECA C9, as shown in Figure 4-5. In addition, discolored soil was observed beneath the tank and pipelines. Discolored soil within the accessible areas on both sides of the diesel fuel pipelines was removed. An approximate twelve-foot wide and 75-foot-long section of discolored soil was inaccessible under the diesel fuel pipelines and remained in place. ECA C9 includes the full length of the diesel pipelines from the tank to the steam plant, in addition to the portions within polygons.

Proposed Sampling

Figure 4-12 shows the location (located north of ECA C7 and southwest of the steam plant) and layout of ECA C9, which is approximately 0.38 acres. Based on the size of the ECA, a screening approach for risk is proposed. Tables 4-9a and 4-9b present data demonstrating that ECA C9 has sampling in four locations, though limited laboratory analysis was performed on all but one sample. Arsenic, lead, and manganese were detected in soil above HSSLs. Five sampling locations (Figure 4-12) are proposed and a total of 10 soil samples will be collected in addition to the four existing locations based on the size of the ECA, though one proposed sampling location (2 samples) is also located in ECA C11 and will be used to screen both ECA C9 and ECA C11. The number of samples proposed is sufficient to characterize this ECA and conduct the ECA BHRA.

4.2.11 ECA C10: Areas with Discolored Soil

Following excavation of polygon RZ-C-17 at the time of the 2010-2011 soil removal action, discolored soil was identified in two areas within RZ-C-17, deeper than the original excavation depth for this area. A trench was dug to investigate the extent of the discolored soil. Because of the extent and depth of the discolored soil, and because the area was within areas where excavation had been completed, it was decided, in consultation with NDEP, to leave these soils in place. During the soil removal action, a black discolored soil layer was observed on the ground surface adjacent to polygon RZ-C-18. The layer was excavated to a depth of approximately six ft bgs and included the removal of a subsurface concrete drop culvert and pipe. Due to the significant depth of the material, some of the discolored soil was left in place. This area was designated as ECA C10, as shown in Figure 4-5. Six inches to one foot of clean imported backfill material was placed in the northern

portion and approximately three ft of clean imported backfill material was placed in the southern portion of ECA C10.

Proposed Sampling

Figure 4-13 shows the location (north of ECA C7) and layout of ECA C10, which is approximately 0.22 acres. Based on the size of the ECA, a screening approach for risk is proposed. Tables 4-10a and 4-10b present data demonstrating that ECA C10 has sampling in two locations, though limited laboratory analyses were performed on all of the existing samples. Hexachlorobenzene and dioxins were detected in soil above HSSLs. While dioxin TEQ results for these samples were not calculated by the laboratory and are therefore not included in Tables 4-10a or 4-10b, the individual dioxin concentrations result in calculated TEQs above the site-specific HSSL for dioxins of 2,700 pg/g in soil. Three sampling locations (Figure 4-13) are proposed and a total of 6 soil samples will be collected in addition to the two existing locations based on the size of the ECA. The number of samples proposed is sufficient to characterize this ECA and conduct the ECA BHRA.

4.2.12 ECA C11: Natural Gas Pipeline

Excavation of soils during the soil removal action was limited by the presence of an subsurface natural gas pipeline which runs to the EMD steam plant. Discolored soil was observed beneath and around portions of the pipeline. Decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action to designate the area where the pipeline runs as ECA C11, including portions of polygons RZ-C-16, -17, -19, -20, -22A, -22B and -23, as shown in Figure 4-5.

Proposed Sampling

Figure 4-14 shows the location (located north of ECA C7 and south of the steam plant) and layout of ECA C11, which is approximately 0.39 acres. Based on the size of the ECA, a screening approach for risk is proposed. Tables 4-11a and 4-11b present data demonstrating that ECA C11 has sampling in seven locations, though limited analyses were performed on all of the surface soil samples. Perchlorate, arsenic, lead, hexachlorobenzene and dioxins were detected in soil above HSSLs, and soil in this area is impacted by asbestos. Five sampling locations (Figure 4-14) are proposed and a total of 10 soil samples will be collected in addition to the seven existing locations based on the size of the ECA, though one proposed sampling location (2 samples) is also located in ECA C9 and will be used to screen both ECA C9 and ECA C11. The number of samples proposed is sufficient to characterize this ECA and conduct the ECA BHRA.

4.2.13 ECA Group C12/C15

ECA Group C12/C15 includes the partially overlapping ECAs C12 and C15, which were established for EMD's steam plant and a portion of the roadway north of the steam plant, respectively.

ECA C12: Steam Plant and Associated Features

EMD's steam plant and associated utilities and infrastructure within the ECA include a portion of the plant building, above-ground piping, pipe racks, pipe rack pole footings, a 15 kilovolt (kV) transmission line, and a transformer pad. Portions of excavation polygons RZ-C-16, -16A, and -42 extend under the footprint of the steam plant and associated facilities.

Therefore, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action to designate the steam plant and associated features as ECA C12, as shown in Figure 4-5.

ECA C15: Steam Plant Roadway

Excavation of soils within the southern portion of excavation polygon RZ-C-42 during the soil removal action was limited by the presence of the existing steam plant roadway. Therefore, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action to include the portion of RZ-C-42 beneath the steam plant roadway in ECA C15, as shown in Figure 4-5.

Proposed Sampling

Figure 4-15 shows the location (surrounding the steam plant) and layout of ECA Group C12/C15, which comprise approximately 0.96 acres. Based on the size of this ECA Group, a statistical approach for risk is proposed. Tables 4-12a and 4-12b present data demonstrating that these ECAs have insufficient sample numbers to calculate statistics and no asbestos analysis. However, the two existing samples (at one location; RI-14) in these ECAs have no exceedances of HSSLs in soil. Ten additional sampling locations (Figure 4-15) are proposed and a total of 20 soil samples will be collected based on the existing sample numbers as well as the size of the ECA. The locations were selected to increase the sampling density and to evaluate the unexcavated excavation polygon areas. The number of samples proposed is sufficient to characterize this ECA and will allow the necessary statistical evaluation to conduct the ECA BHRA.

4.2.14 ECA C13: Steam Line

Excavation of soils, including a black discolored soil seam along the southwestern edge of polygon RZ-E-14A, during the soil removal action was limited by the presence of an active aboveground steam line used to support manufacturing operations. Therefore, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action to include soil in the vicinity of the steam line, including a portion of excavation polygon RZ-C-44, as ECA C13, as shown in Figure 4-5.

Proposed Sampling

Figure 4-16 shows the location (located southeast of the steam plant) and layout of ECA C13, which is approximately 0.11 acres. Based on the size of the ECA, a screening approach for risk is proposed. Tables 4-13a and 4-13b present data demonstrating that ECA C13 has limited analysis in one surface soil sample. Hexachlorobenzene and dioxins were detected in soil above HSSLs. Three sampling locations (Figure 4-16) are proposed and a total of 6 soil samples will be collected based on the size of the ECA. The locations were selected to evaluate the unexcavated excavation polygon areas. The number of samples proposed is sufficient to characterize this ECA and conduct the ECA BHRA.

4.2.15 ECA Group C14/E2

ECA Group C14/E2 includes the adjacent ECAs C14 and E2, which were established for a roadway and EMD's process water lines, respectively.

ECA C14: Process Road

Access to excavation of soils within portions of excavation polygons RZ-C-28B, -28C, -34, -36, -37, -38, -39, -39A, -39C, -40, -40A, -40B, -41, and -42 during the soil removal action was limited by the presence of a roadway leading to EMD's process water lines (known as Process Road). Therefore, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action to include the portions of these polygons beneath Process Road in ECA C14, as shown in Figure 4-5. The Process Road is partially paved with asphalt and covered with an approximately 3-inch layer of crushed limestone.

ECA E2: EMD Process Water Lines

Excavation of soils during the soil removal action was limited by the presence of EMD's subsurface process water lines, which are generally less than 3 ft deep. Discolored soil was observed during the removal action in the western sidewalls of RZ-E-13, -14, -14B, and at the bottom of the excavation polygon RZ-E-13. In addition, soil with white precipitate was observed in the bottom of RZ-E-14B. Excavation within polygons was performed to within five feet of the EMD process water pipelines in the area; further excavation toward the west in these polygons was limited by the presence of the pipelines. Therefore, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action to designate soil in the vicinity of the process water lines, including portions of RZ-D-31A and RZ-E-12, -13, -14, -14B, -14C, -15, and -16, as ECA E2, as shown in Figure 4-6.

Proposed Sampling

Figure 4-17 shows the location (immediately south of the Central Retention Basin) and layout of ECA Group C14/E2, which comprise approximately 2.17 acres. Based on the size of this ECA Group, a statistical approach for risk is proposed. Tables 4-14a and 4-14b present data demonstrating that this ECA Group has insufficient sample numbers to calculate statistics for all analytes in surface soil. Arsenic, hexachlorobenzene, and dioxins were detected in soil above HSSLs, and soil in this area is impacted by asbestos. Six sampling locations (Figure 4-17) are proposed and a total of 12 soil samples will be collected. The locations were selected to increase the sampling density and to evaluate the unexcavated excavation polygon areas. The number of samples proposed is sufficient to characterize this ECA Group and will allow the necessary statistical evaluation to conduct the ECA BHRA.

4.2.16 ECA C16: BT Tank Area

The BT tanks and containment structure were used in the ammonium perchlorate manufacturing process. Because of the BT Tank Area obstruction, soils beneath and adjacent to the BT Tank Area, including portions of excavation polygons RZ-C-28D, -28F, -29, -30 and RZ-E-08, -08A, and -08B, which extend under the footprint of the BT Tank Area, could not be excavated during the soil removal action. Therefore, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action to designate the BT Tank Area as ECA C16, as shown in Figure 4-5. This ECA also includes an approximately 5-foot border around the BT tank containment structure, which was not excavated due to stability concerns.

Proposed Sampling

Figure 4-18 shows the location (immediately north of the Central Retention Basin) and layout of ECA C16, which is approximately 0.53 acres. As the BT tanks have no useful purpose to the Trust[13], and to ensure complete access to the area, the BT tanks and associated containment structure will be dismantled and removed prior to sampling. Based on the size of the ECA, a screening approach for risk is proposed. Tables 4-15a and 4-15b present data demonstrating that the ECA has a limited suite of analyses. Perchlorate, arsenic, dioxins, hexachlorobenzene, and heptachlor were detected in soil above HSSLs and soil in this area is impacted by asbestos. The area beneath the BT Tank containment structure is insufficiently characterized. Therefore, six sampling locations (Figure 4-18) are proposed and a total of 12 soil samples will be collected. The locations were selected to evaluate the soil beneath the BT Tank containment structure and the surrounding unexcavated excavation polygon area. The number of samples proposed is sufficient to characterize this ECA and conduct the ECA BHRA.

4.2.17 ECA Group C17/C19

ECA Group C17/C19 includes the noncontiguous but nearby ECAs C17 and C19, which were established for EMD's MN-1 Pond and discolored soil discovered in the Storm Water Conveyance Modification and Property Line Grading Project, respectively.

ECA C17: EMD's MN-1 Pond

ECA C17 includes soil beneath the entire MN-1 Pond area, including the pond, pond berms, and adjacent areas. The extent of ECA C17 is shown in Figure 4-5. Because of the MN-1 Pond obstruction, the area is not adequately characterized and soils within the ECA cannot be excavated without comprising the pond berm integrity.

In 2013, discolored soil was discovered in a non-ECA area to the south of ECA C17 during construction of the MN-2 Pond by EMD. The activities of the MN-2 Pond construction and previously unknown impacted soil discovery were detailed in the Geotechnical & Environmental Services, Inc. (GES) report, Closure Report for Project #12-06, MN-2 Waste Water Pond Construction, dated October 2013 (GES 2013). The soil was left in place and covered with approximately 6 inches of clean native fill. Based on this discovery, the southern boundary of ECA C17 was extended to the extent shown in Figure 4-5.

ECA C19: Storm Water Conveyance Modification Discolored Soil

ECA C19 includes discolored soil left in place at and in the vicinity of the Storm Water Conveyance Modification and Property Line Grading Project conducted between February and June 2016. The extent of ECA C19 is shown in Figure 4-5. Discolored soil was discovered during excavation activities required to construct an underground storm water conveyance pipeline. After construction of the pipeline and backfilling with clean material, discolored soil remains in place at the northern base of the excavation area at a depth of approximately 10 feet and at the southern base of the excavation area at a depth of approximately 18 ft bgs. In addition, discolored soil was also observed to the south of the

[13] NERT has attempted to repurpose these tanks multiple times to provide value to various water management projects. However, due to the type, volume, age, and condition of these tanks, NERT has opted not to repurpose these tanks during each evaluation.

former Outfall 002 headwall, including beneath the existing pipeline, at a depth of approximately 7 ft bgs and north of the project area at a depth of approximately 8 ft bgs[14].

Proposed Sampling

Figure 4-19 shows the location (along the eastern property boundary) and layout of ECA Group C17/C19, which comprise approximately 2.84 acres. Based on the size of these ECAs, a statistical approach for risk is proposed. Tables 4-16a and 4-16b show that these ECAs have insufficient sample numbers to calculate statistics for all analytes in surface soil, and soil beneath the MN-1 Pond is not characterized. However, the existing samples in these ECAs have no exceedances of HSSLs in soil. Eight sampling locations (Figure 4-19) are proposed and a total of 16 soil samples will be collected. The locations were selected to increase the sampling density and to evaluate the areas surrounding the pond and ECA C19. Locations in ECA C19 were selected to avoid an area of clean backfill brought in during the 2016 Stormwater Conveyance project restoration. Soil beneath the MN-1 Pond will remain uncharacterized through this effort but will be evaluated as part of EMD's future pond closure process. The number of samples proposed is sufficient to characterize this ECA Group and will allow the necessary statistical evaluation to conduct the ECA BHRA.

4.2.18 ECA C18: EMD's Leach Plant Equipment and Facilities

ECA C18 includes soil beneath the entire Leach Plant area, including the plant equipment and facilities. The extent of ECA C18 is shown in Figure 4-5. Because of the Leach Plant obstruction, which remains in use today by EMD, the area is not adequately characterized and soils beneath the Leach Plant footprint, including excavation polygon RZ-C-45A, which extends under the footprint of the Leach Plant, could not be fully excavated during the soil removal action.

Proposed Sampling

Figure 4-20 shows the location (north of the Unit 6 Building) and layout of ECA C18, which is approximately 9.98 acres. Based on the size of the ECA, a statistical approach for risk is proposed. Tables 4-17a and 4-17b present data demonstrating that this ECA has insufficient sample numbers to calculate statistics for some analytes in surface soil, and certain areas within the ECA remain insufficiently characterized (primarily the southern portion of the ECA). Arsenic and cobalt were detected in soil above HSSLs. Eight sampling locations (Figure 4-20) are proposed and a total of 16 soil samples will be collected. The locations were selected to increase the sampling density and to evaluate the insufficiently characterized areas. Excavation polygon RZ-C-45A was defined based on a detection of asbestos in a single surficial soil sample collected from location SSAO8-02 (Figure 4-20). While the excavation polygon could not be completely excavated to the planned depth in the 2011 soil removal action, surficial soil was removed from this area in the 2010 manganese tailings pile removal and the sample with the asbestos detection was excavated. A slightly deeper sample at this location (Figure 4-20) indicated that there were no HSSL exceedances and therefore additional excavation is not necessary. This excavation polygon therefore does not need additional characterization. While historical decisions might have been made to limit sampling within this ECA, NERT has determined that the work necessary to

[14] Further details concerning the discolored soil left in place are included in the Project Completion Report; Storm Water Conveyance Modification and Property Line Grading Project (Ramboll Environ 2017a).

characterize this ECA can be completed and will allow the necessary statistical evaluation to conduct the ECA BHRA.

4.3 RZ-D ECAs

RZ-D includes Site features north of RZ-C and the former Beta Ditch (RZ-E), including the former Trade Effluent ponds, ammonium perchlorate pad/drum recycling area, the former AP-5 Pond, and the former on-site landfill. RZ-D currently includes a groundwater holding pond (GW-11) and separate groundwater treatment facilities for removal of perchlorate and hexavalent chromium which comprise the majority of the components of the NERT GWETS within OU-1. An outside contractor, Envirogen, operates the groundwater treatment facilities on behalf of the Trust. Envirogen and the Trust both have office trailers in the vicinity of the GWETS operational areas. The GWETS operational area also includes the former ammonium perchlorate (AP)-5 pond, which was closed in 2019 (Tetra Tech 2019). The property east of the GWETS operational areas is part of EMD's leasehold and includes lined ponds WC-West and WC-East (both of which receive process-related wastewater discharges from ongoing EMD operations).

The ECAs within RZ-D consist of 10 mostly non-contiguous but occasionally overlapping ECAs, established for ease of administration in order to avoid irregularly shaped ECAs. The RZ-D ECAs, in addition to the status of each excavation polygon in the area, are shown in Figure 4-21.

4.3.1 ECA D1: NV Energy Transmission Line Towers

NV Energy prohibits excavating within 10 ft of the footings for its transmission line towers. Polygons RZ-D-01B, -02, -03, and -12 and areas of discolored soil extend within 10 ft of the transmission line pole footings and therefore, portions of these areas cannot be excavated. Therefore, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action to designate these four non-contiguous areas as ECA D1, as shown in Figure 4-21.

Proposed Sampling

Figure 4-22 shows the location (at the northwest corner of the NERT Site) and layout of ECA D1, which is approximately 0.18 acres, split into four non-contiguous areas. Based on the size and non-contiguous nature of the ECA, a screening approach for risk is proposed. Tables 4-18a and 4-18b present data demonstrating that ECA D1 only has one representative sample that was analyzed for limited chemicals. Arsenic and hexachlorobenzene were detected in this soil sample above HSSLs. Eight sampling locations (two locations per non-contiguous area; Figure 4-22) are proposed and a total of 16 soil samples will be collected in addition to the single existing sample location to ensure sufficient sampling based on the size and non-contiguous nature of the ECA. For three of the four non-contiguous areas, the locations were selected to evaluate the unexcavated excavation polygons. The fourth area was never designated as an excavation polygon prior for the 2010-2011 soil removal action but requires characterization to be evaluated in the risk assessment. The number of samples proposed is sufficient to characterize this ECA and will allow the necessary statistical evaluation to conduct the ECA BHRA.

4.3.2 ECA D2: Asphalt Pavement Area

Following excavation of polygon RZ-D-14 during the soil removal action, discolored soil was identified in the southern sidewall of the excavation, as well as to the west and southwest of the polygon excavation. Accessible discolored soil was removed; however, due to the obstruction of an asphalt paved area south of polygon RZ-D-14, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action to leave discolored soil in place beneath the asphalt paved area. This area is currently the parking lot for the NERT office and was designated as ECA D2, as shown in Figure 4-21.

Proposed Sampling

Figure 4-23 shows the location (parking lot immediately east of the NERT office) and layout of ECA D2, which is approximately 0.31 acres. Based on the size of the ECA, a screening approach for risk is proposed. Tables 4-19a and 4-19b present data demonstrating that ECA D2 has a single sample collected from the ECA that was submitted for limited chemical analysis but has no exceedances of HSSLs in soil. Four sampling locations (Figure 4-23) are proposed and a total of 8 soil samples will be collected in addition to the single existing location to ensure sufficient sampling based on the size of the ECA. The number of samples proposed is sufficient to characterize this ECA and will allow the necessary statistical evaluation to conduct the ECA BHRA.

4.3.3 ECA Group D3/D4

ECA Group D3/D4 includes the partially overlapping ECAs D3 and D4, which were established for the GW-11 and WC Ponds, and GWETS equalization tanks, respectively.

ECA D3: GW-11 and WC Ponds and Berms

ECA D3 represents an ECA which is partially located within the EMD leasehold. Within the non-leasehold area, NERT operates its GW-11 Pond. Within the leasehold area, EMD operates its WC-East and WC-West ponds. The berms around the ponds contain impacted soil, but this soil was not excavated during the soil removal action because of the potential to compromise the integrity of the pond berms. In addition, soils beneath each of the three ponds are uncharacterized. Therefore, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action to designate this area as ECA D3, as shown in Figure 4-21.

In 2015, discoloration was observed in the road cut along the emergency egress route north of the GW-11 and WC Ponds. Therefore, the northern boundary of ECA D3 was extended to the Site boundary to include the berm to the north, as shown in Figure 4-21.

In 2019, dioxin-impacted soil was removed from an area near the southwest corner of the GW-11 Pond, which included a portion of ECA D3. Excavation, loading, transportation, disposal, and site restoration activities were conducted in this area between March 29, 2019 and April 20, 2019. In accordance with the SMP, the ECA soil was segregated from non-ECA soil during the excavation. The excavation area within the ECA was approximately 1,275 square feet, with a depth of 1.5 feet (Ramboll 2020).

The boundaries of ECA D3 were not adjusted as a result of excavation. The 2019 excavation polygons are shown in Figure 4-21.

ECA D4: Groundwater Treatment System Equalization Tanks and Associated Piping

Equalization tanks for the GWETS and associated influent and effluent pipelines, electrical and control lines for the equalization tanks, and water supply lines for the equalization tanks are present in this area and are used by the GWETS operator. Excavation polygons RZ-D-16, -16A, -17C, and -18 extend beneath the equalization tanks and associated utilities, and therefore portions of these excavation polygons could not be excavated during the soil removal action. Excavations have been partially performed in polygons RZ-D-16 and -16A, however, some impacted soil remains below the pipelines. The depths to the utility lines range from 3 inches to 3 ft. The utilities include, among others, two buried 8-inch effluent lines and two on-grade effluent lines. Approximately 1 foot of clean crushed limestone backfill material has been placed over the utilities in this area. Decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action to designate these areas as ECA D4 and are shown in Figure 4-21.

Proposed Sampling

Figure 4-24 shows the location (along the northern boundary of the NERT Site) and layout of ECA Group D3/D4, which comprise approximately 34.37 acres. Based on the size of this ECA Group, a statistical approach for risk is proposed. Tables 4-20a and 4-20b present data demonstrating that this ECA Group has sufficient sample numbers to perform a statistical evaluation of the data. Arsenic, magnesium, hexachlorobenzene, and dioxins were detected in soil above HSSLs, and soil in this area is impacted by asbestos. However, this ECA Group is insufficiently characterized to support a BHRA as samples have not been collected in certain areas surrounding the GW-11 and WC Ponds, and in unexcavated excavation polygons. Additionally, soil beneath the GW-11 and WC Ponds is not characterized. Thirteen additional sampling locations (Figure 4-24) are proposed and a total of 26 soil samples will be collected. The locations were selected to increase the sampling density and to evaluate the areas surrounding the ponds and unexcavated excavation polygons. Soil beneath the GW-11 Pond and the WC Ponds will remain uncharacterized through this effort but will be evaluated as part of future pond closure processes[15]. The number of samples proposed is sufficient to characterize this ECA and will allow the necessary statistical evaluation to conduct the ECA BHRA.

4.3.4 ECA Group D5-D8

ECA Group D5-D8 includes four partially overlapping and partially non-contiguous ECAs D5, D6, D7, and D8, which are all associated with GWETS operational facilities.

ECA D5: GWETS Chemical Storage Area

ECA D5 includes soil beneath the entire GWETS Chemical Storage Area. Because of the GWETS Chemical Storage Area obstruction, soils beneath the footprint of this area, including a portion of excavation polygon RZ-D-26, which extend under the footprint of the GWETS Chemical Storage Area, could not be excavated during the removal action. Decisions were

[15] Closure of the GW-11 Pond is in progress and NERT anticipates that the area will be restored in 2027 per the current project schedule (NERT 2025). Approximately 85 percent of the GW-11 berm material will be removed as part of this effort leaving only what is required to maintain the integrity of the WC Ponds.

made with NDEP concurrence at the time of the 2010-2011 soil removal action to designate this area as ECA D5 and is shown in Figure 4-21.

ECA D6: Roadway

Excavation of soils within a portion of excavation polygon RZ-D-26 during the soil removal action was limited by the presence of a roadway. Therefore, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action to include the portion of RZ-D-26 beneath the roadway in ECA D6, as shown in Figure 4-21.

ECA D7: Asphalt Pavement, Office Trailers, Former Chromium Treatment Plant (abandoned 2023), Quonset Hut, and Utilities

Excavation of soils within excavation polygons RZ-D-17 and -28A during the soil removal action was limited by the presence of asphalt pavement, office trailers, the former chromium treatment plant, a Quonset hut, and various utilities. Therefore, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action to include polygon RZ-D-28A and a portion of polygon RZ-D-17 in ECA D7, as shown in Figure 4-21.

ECA D8: AP-5 Pond and Associated Utilities

The AP-5 Pond and associated subgrade and overhead utilities were historically used during ammonium perchlorate manufacturing prior to 2000. Utilities located in this area included GWETS water pipelines and electrical conduits.

Excavation during the soil removal action was completed to 1.5 ft bgs in RZ-D-28 and to 0.5 ft bgs in RZ-D-29, below which several utilities were encountered. The original excavation depths of RZ-D-28 (10 ft bgs) and RZ-D-29 (1.5 ft bgs) could not be reached due to the presence of the utilities. Clean crushed limestone backfill material was placed to the approximate original ground surface within each of these polygons to cover impacted soils. The white-colored crushed limestone provides a visual demarcation between the clean backfill material and impacted soils below. Decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action to designate this area as ECA D8, as shown in Figure 4-21.

Closure of the AP-5 Pond was completed in 2018 in accordance with the AP-5 Pond Closure Plan (Tetra Tech 2016). Pond closure included removing the contents of the AP-5 Pond and the pond liner, removing abandoned above-ground piping from in and around the pond, removing the berm, and backfilling and grading to reclaim the pond footprint to the original site topography (Tetra Tech 2019).

Proposed Sampling

Figure 4-25 shows the location (south and east of NERT's groundwater treatment operations) and layout of ECA Group D5-D8, which comprise approximately 5.47 acres. Based on the size and clustered layout of this ECA Group, a statistical approach for risk is proposed. Tables 4-21a and 4-21b present data demonstrating that this ECA Group has sufficient sample numbers to perform a statistical evaluation of the data. Perchlorate, arsenic, and hexachlorobenzene were detected in soil above HSSLs, and soil in this area is impacted by asbestos. While two samples have a slight exceedance of the HSSL for 2,3,7,8-tetrachlorodibenzo-p-dioxin, the dioxin TEQ for these samples was calculated to be

below the site-specific HSSL for dioxins of 2,700 pg/g. However, this ECA Group is insufficiently characterized to support a BHRA as samples have not been collected in certain areas surrounding the former AP5 Pond in ECA D8, and in unexcavated excavation polygons. Eleven additional sampling locations (Figure 4-25) are proposed and a total of 22 soil samples will be collected. The locations were selected to increase the sampling density and to evaluate the unexcavated remediation polygons. The number of samples proposed is sufficient to characterize this ECA and will allow the necessary statistical evaluation to conduct the ECA BHRA.

4.3.5 ECA D9: Dioxin TEQ above Site-Specific Screening Level Approximately 9-10 Ft Deep

During the soil removal action, discolored soils at a depth of approximately 9 to 10 ft bgs were encountered within portions of excavation polygons RZ-D-24, -25, and -25A. Discolored soils were removed, along with some additional deeper non-discolored soils. Following removal, confirmation soil samples were collected. Although the majority of chemical results for confirmation soil samples were below screening levels, the dioxin TEQ value in one confirmation sample (CS-D25A-2) was above the dioxin TEQ site-specific screening level. Though this confirmation sample is no longer within the top ten feet of soil, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action to designate the general area including this sample location as ECA D9, as shown in Figure 4-21. Approximately 10 ft of clean imported backfill material was placed in this area and orange snow fencing was used as a visual demarcation between the clean backfill material and impacted soils below.

Proposed Sampling

Figure 4-26 shows the location (at the northeast corner of the NERT Site) and layout of ECA D9, which is approximately 0.05 acres. Based on the size of the ECA, a screening approach for risk is proposed. ECA D9 has no existing soil samples in the top ten feet of soil; therefore, two sampling locations (Figure 4-26) are proposed and a total of 4 soil samples will be collected based on the size of the ECA. The number of samples proposed is sufficient to characterize this ECA and conduct the ECA BHRA.

4.3.6 ECA D10: Groundwater Extraction Well and Related Piping

During the soil removal action, discolored soils at an approximate depth of 1 to 3 ft bgs were discovered in the southwestern sidewall, near the southern end of excavation polygon RZ-D-25A. Due to the presence of a groundwater extraction well and related piping, the discolored soils could not be excavated during the soil removal action. Therefore, decisions were made with NDEP concurrence at the time of the 2010-2011 soil removal action to designate this area as ECA D10, as shown in Figure 4-21. Approximately 1 foot of native soils which are not discolored overlie the discolored soils.

Proposed Sampling

Figure 4-26 shows the location (at the northeast corner of the NERT Site) and layout of ECA D10, which is approximately 0.06 acres. Based on the size of the ECA, a screening approach for risk is proposed. Tables 4-22a and 4-22b present data demonstrating that ECA D10 has a single sample location. Arsenic was detected in soil above its HSSL. Two sampling locations (Figure 4-26) are proposed and a total of 4 soil samples will be collected

in addition to the one existing location to ensure sufficient sampling based on the size of the ECA. The number of samples proposed is sufficient to characterize this ECA and conduct the ECA BHRA.

5. SAMPLING AND ANALYSIS PLAN AND METHODOLOGY

This section presents the methodology to be used for investigation of the ECAs as described in the previous section. Investigative activities, sample analyses, and data management/validation activities will be conducted consistent with the previously submitted Sampling and Analysis Plan (SAP) that was included with the RI/FS Work Plan (ENVIRON 2014b). The SAP, as updated throughout the NERT RI, comprises the Field Sampling Plan (FSP), Revision 1 (ENVIRON 2014c), the Quality Assurance Project Plan (QAPP), Revision 6 (Ramboll 2021), the Technical Guidance for the Calculation of Asbestos-Related Risk in Soils for the Basic Management Incorporated (BMI) Complex and Common Areas (NDEP 2024a), the Health and Safety Plan (HASP), Revision 1 (Ramboll Environ 2017b), and the HASP Addendum for the Phase 3 RI (Ramboll Environ 2017c). Prior to mobilization, the HASP and QAPP will be updated to incorporate applicable changes to personnel/contacts/references, Occupational Safety and Health Administration (OSHA) regulations, toxicity factors, laboratories, analytical and preparation methods, and reporting limits. The revised HASP will be consistent with the original Phase 2 RI and subsequent Addendum for the Phase 3 RI but will specifically focus on the proposed field work in this Work Plan. The QAPP revisions will be submitted as an addendum to the QAPP Revision 6 (Ramboll 2021) since the updates do not affect all sample matrices. While the investigation methodology will be conducted consistent with the SAP, FSP, QAPP, HASP, and NDEP guidance mentioned above, specific details of the ECA soil investigation methodology are presented below.

5.1 ECA Characterization

With the exception of planned angled soil borings to be completed beneath Unit Buildings 3 and 6 (described in Sections 4.1.2 and 4.1.3), soil borings completed to characterize the ECAs will be limited to a depth of 10 feet bgs such that the risk to on-site and construction worker can be evaluated in the ECA BHRA. Two soil samples will be collected from each planned soil boring at predetermined depth intervals of 0-2 ft bgs and 8-10 ft bgs. Soil borings will be advanced using both hand tools (e.g., hand auger, steel hand trowel, etc.) for shallow soil samples and by Sonic drilling techniques for deeper soil samples. For the shallow samples, the surface soil will be scraped for asbestos sampling using a steel hand trowel, and soil from 0-2 feet bgs will be collected via hand auger for all other analyses. Only the shallow samples will require asbestos analysis. During completion of soil borings, soil core is typically retrieved in plastic liners. The liners will be cut open to allow general logging of the subsurface material, screening for volatile vapors, and for the collection of discrete-depth samples. If anticipated subsurface conditions or sampling goals render the use of Sonic drilling ineffective or impossible, an alternative drilling method specified in Section 4 of the FSP, Revision 1 (ENVIRON 2014c) may be used. If visual and/or olfactory signs of contamination are observed, additional biased sample(s) may be collected between 2 ft bgs and 8 ft bgs. Upon completion, boreholes will be abandoned using hydrated bentonite or neat cement.

Borings that are to be located within the EMD leasehold will be field-marked and EMD groundbreaking permits will be obtained.

5.2 Unit Buildings 3 and 6 Subsurface Sampling

As previously indicated, the NERT RI effort characterized groundwater in OU-1 including below Unit Buildings 3 and 6. NERT has numerous years of groundwater data indicating that a significant source of contamination is not present below Unit Buildings 1, 2, 3, and 6. However, consistent with NDEP's direction, the proposed scope of work at Unit Buildings 3 and 6, where sampling under the buildings has not occurred, is therefore focused on vadose zone soil. Accordingly, the soil borings completed to characterize the subsurface soil (deeper than 10 feet bgs) below Unit Buildings 3 and 6 will be limited to the vadose zone. The water table is estimated at a vertical depth of 40 feet bgs. Soil samples will be collected for laboratory analysis at regular intervals of 7.5-foot vertical depth from 10 feet bgs to the top of groundwater (i.e., bottom of the borehole), which results in approximately five samples being collected from each borehole for analysis (i.e., samples at roughly 10, 17.5, 25, 32.5, and 40 ft bgs). If visual and/or olfactory signs of contamination are observed, additional judgmental sample(s) may be collected between the standard sample intervals. Drilling will be accomplished through conventional sonic drilling methods. The drill string will consist of an inner 4-inch diameter core barrel to collect and recover soil samples and a 6-inch diameter outer conductor casing to maintain borehole stability while soil collected within the inner core barrel is retrieved to the surface. Angled boreholes are anticipated to be advanced at an angle of approximately 20 degrees from horizontal. With a vertical interval of approximately 7.5 feet between samples, this angle corresponds to approximately 22 horizontal feet between samples. Upon completion, boreholes will be abandoned by grouting from the bottom to the top using neat cement delivered through a tremie pipe.

5.3 Utility Clearance

In areas where public and private resources are available, both public and private utility locate services will be contacted. To give line operators sufficient time to respond to a request to locate, a minimum of 72 business hours is required before the planned start of work. A ten-foot by ten-foot area will be cleared around each proposed boring location. If a subsurface utility is found within five feet of a proposed boring location, the boring location may be adjusted to maintain clearance from the utility. If a boring cannot be moved to maintain a minimum of five-foot clearance from a subsurface utility, non-intrusive soft digging techniques (e.g., air knife/vacuum, etc.) may be used to daylight the utility to ensure that drilling of the investigative soil boring can be conducted safely within the five-foot clearance zone. Similarly, if the clearance zone of an overhead utility is within the area required to access a proposed boring location, the boring location may be adjusted. While excavation of many of the ECAs was deemed impractical by Tronox and NDEP due to the presence of active utilities, the sampling proposed herein will adequately characterize the ECAs without being limited by active utilities. The feasibility of remediating soil that poses an unacceptable risk to human health, if necessary, will be evaluated in the FS.

Public or private utility locate services will not be able to detect utilities located under the foundations of Unit Buildings 3 and 6. As an additional precaution for the investigation of subsurface soil beneath Unit Buildings 3 and 6, a hydro-vacuum contractor will be used to clear utilities at each borehole prior to drilling, consistent with the methods previously used to clear angled borings installed beneath the Unit 5 Building (Tetra Tech, 2020). Hydro-vacuum is a minimally invasive method of advancing the initial portion of a borehole without

damaging subsurface utilities. The hydro-vacuum injects water to dislodge soil within the borehole, vacuums the soil and water from the borehole, and transfers the soil and water to a holding tank located at the surface.

Utility clearance at angled borehole locations will consist of hydro-vacuum procedures for 30 linear feet at an angle matching the approximate 20-degree angle of the borehole to achieve an overall vertical depth of 10 feet. Polyvinyl chloride (PVC) pipe (30 feet of 8-inch diameter) will be installed in the open hydro-vacuum borehole as a surface casing to provide upper borehole stability. The PVC pipe will be cut to match the ground surface elevation. The void between the PVC pipe and open borehole will be backfilled with sand to grade, and the PVC pipe will be hammered during the placement of the sand backfill to prevent sand bridging. A temporary steel traffic plate will be installed over the PVC pipe opening to keep the hole open and to protect nearby workers from a potential fall hazard. With the exception of the drilling angle (to achieve more samples in the vadose zone), this effort is consistent with the investigation effort conducted beneath Unit Buildings 4 and 5 (Tetra Tech 2020)[16].

5.4 Analysis and Validation

Soil samples will be submitted to Eurofins Phoenix or Pace National for laboratory analysis under standard chain-of custody protocol. In accordance with Table 7 of the QAPP, Revision 6 (Ramboll 2021)[17], soil field duplicate samples will be collected at a rate of one per every 10 field samples collected, with a minimum of one per analytical method. Equipment blanks will be collected at a rate of one per every 20 field samples collected, with a minimum of one per analytical method. Equipment blanks will not be collected when dedicated single-use equipment is used for sample collection. One trip blank will be included per cooler/shipment if samples will be analyzed for VOCs. The trip blank will be analyzed for VOCs only. Lastly, Table 7 of the QAPP specifies that field blanks will not be collected from soil boring locations. As this Work Plan is limited to soil samples, no field blanks will be collected during implementation of this Work Plan.

Consistent with the QAPP, soil samples will be analyzed using the following lab methods:

- USEPA Method 300.1 (chlorate);
- USEPA Method 314.0 (perchlorate);
- USEPA Method 6020 or 6010 (metals[18]);
- USEPA Method 7199 (chromium VI);
- USEPA Method 7471 (mercury);
- USEPA Method 350.1 (ammonia);

[16] To leverage past experience with the investigation of Unit Buildings 4 and 5, Tetra Tech will be tasked with completing this effort.

[17] These requirements will not change in the forthcoming QAPP addendum.

[18] Metals include aluminum, antimony, arsenic, barium, boron, cadmium, chromium (total), cobalt, copper, iron, lead, magnesium, manganese, molybdenum, nickel, niobium, phosphorus, selenium, silver, strontium, sulfur, thallium, tungsten, uranium (total), zinc, and zirconium.

- USEPA Method 9056 (nitrate and nitrite; nitrate nitrite as N by calculation);
- DOE EML HASL 300 A-01-R or equivalent methods (thorium [Th]-228, Th-230, and Th-232) and (uranium [U]-234, U-235, and U-238);
- DOE EML HASL 300 Ga-01-R (radium [Ra]-226) and (Ra-228);
- ISO Method 10312 Transmission Electron Microscopy (TEM) with Fluidized Bed Asbestos Segregator (FBAS) preparation (asbestos);
- USEPA Method 8290 (dioxins/furans; dioxin TTEQ by calculation);
- USEPA Method 8270 SIM (PAHs);
- USEPA Method 8082 (PCB Aroclors);
- USEPA Method 8081 (OCPs);
- USEPA Method 8270 (SVOCs); and
- USEPA Method 8260 (VOCs).

This task also includes performing data validation, data management, and preparation of a Data Validation Summary Report (DVSR) and associated Electronic Data Deliverable (EDD) for submittal to NDEP.

5.5 Documentation Procedures

Records that may be generated during field work include field logs and data sheets, photographic logs, sample chain-of custody records, equipment inspection/calibration records, and others as necessary. Units of measure for any field measurements and/or analyses will be clearly identified on the field forms and in notes and logs as necessary. Field data may be collected on paper or using field data collection software (e.g., ESRI Field Maps, QNOPY) that supports compliance with industry standards and regulatory requirements. As described in the QAPP, the Quality Assurance / Quality Control (QA/QC) Officer, or other appropriate person designated by the Ramboll Project Manager, will review the field data to evaluate the completeness of the field records.

Specific field procedures such as instrument calibration, equipment decontamination, sample labeling, sample shipping, and surveying will be conducted and recorded consistent with the FSP (ENVIRON 2014c).

5.6 Soil Sample IDs

To maintain consistency, a sample identification convention will be followed throughout the implementation of the ECA Characterization Work Plan. The sample identifications (IDs) will be entered onto the sample labels, field forms, chain-of-custody forms, logbooks, and other records documenting sampling activities.

The identification system for ECA soil samples will include the ECA (e.g., ECA-C18), soil boring number within the ECA (e.g., SB01), a sample start depth to 0.1-foot precision (e.g., 8.0), and the date in YYYYMMDD format. For example, a soil sample collected within ECA C18 from a start depth of 8 feet bgs at boring C18-SB01 on January 1, 2026 will be identified as ECA-C18-SB01-8.0-20260101. For the one soil boring applicable to multiple

ECAs (C9 and C11), both ECAs will be identified in the sample name, and this boring will be numbered SB01 for both ECAs. For example, a soil sample collected from this location from a depth of 8 feet bgs on January 1, 2026 will be identified as ECA-C9C11-SB01-8.0-20260101.

For the characterization of Unit Buildings 3 and 6, the identification system for soil samples will include the boring name (e.g. U3U6-01), a sample start depth to 0.1-foot precision (e.g., 17.5), and the date in YYYYMMDD format. For example, a soil sample collected from boring U3U6-01 at a depth of 17.5 feet bgs on January 1, 2026 will be identified as U3U6-01-17.5-20260101. For angled borings, the start depth is the vertical feet below ground surface, not the linear feet drilled. Angled borings will have the azimuthal and vertical angles of drilling noted in the field logs so that horizontal coordinates of the samples at depth can be reasonably estimated.

Field QA/QC samples that will be collected include field duplicate samples, trip blanks, and equipment blanks. In addition, matrix spike/matrix spike duplicate (MS/MSD) samples are used as laboratory control measures, and while not defined as field QA/QC samples, they may require additional sample volume. MS/MSD procedures are performed on field samples at a frequency of one per 20 samples. Field samples used for MS/MSD analysis must be collected with a double sample volume.

The field QC sample codes that may apply include:

- EB for Equipment Blanks
- TB for Trip Blanks
- FD for Field Duplicates

Field QA/QC sample codes will be appended to the end of the primary sample ID that is represented by the field QA/QC sample.

An Equipment Blank (EB) should be named for the sample collected immediately prior to the collection of the EB.

The Trip Blank (TB) represents all samples within one sample cooler or other shipping container for the TB. Thus, the TB should be named after the first sample placed in the cooler or shipping container.

The Field Duplicate (FD) represents the primary sample that is being duplicated, thus the FD should be named after the corresponding primary sample.

For example, if the first soil sample to be placed in a cooler is labeled ECA-C8-SB01-8.0-20260101, and the sample is to be analyzed for VOCs and if a field duplicate sample and equipment blank are also required for the sample, a TB will be placed in the cooler with the sample, and an EB will be collected immediately following the collection of the soil sample (after decontamination of sampling equipment but before collection of the field duplicate sample). The associated field QA/QC samples will be identified as:

- ECA-C8-SB01-8.0-20260101-EB (Equipment Blank)
- ECA-C8-SB01-8.0-20260101-TB (Trip Blank)
- ECA-C8-SB01-8.0-20260101-FD (Field Duplicate)

The frequencies of QA/QC sample collection are summarized in Section 6.4 of this Work Plan. Additional details regarding Field QA/QC samples can be found in Section 5.8 of the FSP (ENVIRON 2014c).

5.7 Investigation-Derived Waste

Investigation-derived waste (IDW) will be contained in 55-gallon steel drums or other appropriate containers (e.g., roll-off boxes). The containers will be sealed or remain covered during storage and will be labeled "Pending Analysis" until analytical data is obtained to characterize the IDW. Labels will include the contents of the container (e.g., soil cuttings), the origin of the material (e.g., ECA soil sampling), the date(s) the IDW was generated, and a contact phone number for the Generator of the material. IDW containers will be stored in a secure area of the Site that has been designated for the storage of IDW.

IDW classification will be conducted per USEPA Resource Conservation and Recovery Act (RCRA) regulations as specified in Title 40, Part 261 of the Code of Federal Regulations (40 CFR 261), which are incorporated by reference into Nevada hazardous waste regulations as specified in Chapter 444, Section 843 of the Nevada Administrative Code (NAC 444.843). For soil cuttings containerized in roll-off boxes, characterization for off-site disposal will be conducted following the specific procedures outlined below.

One soil sample will be collected from each corner of the roll-off boxes. Each sample will be placed into separate laboratory supplied containers. The sample containers will be labeled with a specific sample number which includes the roll-off box identification number (located on the side of the roll-off box), the sample corner identifier (NW, NE, SW, and SE), and the date of collection in YYYYMMDD format (as an example, for January 1, 2026, the sample date identifier would be 20260101). The chain-of-custody will be clearly marked to instruct the laboratory to homogenize the samples into one composite sample for analysis. Samples will be analyzed for pH, ignitability, chlorate, perchlorate, full total petroleum hydrocarbons (TPH), RCRA metals, VOCs, SVOCs, and percent moisture. The analytical results for VOCs, SVOCs, and RCRA metals will be compared to a value that is 20 times their respective TCLP regulatory thresholds (USEPA's 20x Rule)[19]. The ignitability determination is a simple yes/no determination based on sample testing results. The pH results are provided in Standard Units (SU) and will be compared to USEPA's aqueous standard of between 2 and 12.5 SU. TPH and perchlorate results will be compared to soil screening levels in the SMP and to Republic Waste Services acceptance criteria.

[19] USEPA publication 540-R-94-005a (i.e., the "20x rule").

6. SUMMARY

This Work Plan has been prepared in accordance with the Interim Consent Agreement between NDEP and the Trust and is consistent with applicable USEPA RI/FS guidance (USEPA 1988) which states that the overall purpose of the RI/FS process is "to gather information sufficient to support an informed risk management decision regarding which remedy appears to be most appropriate for a given site". This Work Plan has been prepared to collect the data necessary to characterize shallow soils within the ECAs to perform a BHRA evaluating the human health risk from direct contact with soil within the ECAs and integrate the ECAs into the FS process. During the May 20, 2025 meeting with NDEP and USEPA regarding the basis for this Work Plan, NDEP requested an additional evaluation of soil below 10 feet bgs underneath Unit Buildings 3 and 6 to confirm the soil under the buildings is not a source area. This additional evaluation is included in this Work Plan.

Table 6-1 provides a summary of each of the ECAs and the proposed efforts to characterize the ECAs. In total, 163 soil borings and 344 soil samples are proposed. Table 6-2 provides coordinates for each proposed soil boring.

7. SCHEDULE

The ECA characterization investigation will be conducted following NDEP approval of this Work Plan. The anticipated schedule for implementation of this Work Plan is as follows:

- Work Plan Approval – Week 0
- Submit QAPP Addendum to NDEP – Week 1
- QAPP Addendum Approval – Week 13
- Submit ECA BHRA Work Plan – Week 20
- Field Investigation (planning and implementation) – Weeks 1-20
- Laboratory Analysis – Weeks 15-28
- ECA BHRA Work Plan Approval – Week 28
- Submit ECA DVSR/EDD to NDEP – Week 46
- Submit ECA Characterization Report to NDEP – Week 54
- Submit ECA BHRA Report to NDEP – Week 62

The schedule is dependent upon assumptions regarding the conditions to be encountered during the investigation.

8. REFERENCES

AECOM (AECOM Inc.). 2008. Revised Phase B Site Investigation Work Plan for Areas I, II, III and IV; Tronox, LLC Facility; Henderson, Nevada. December 18. Approved by NDEP on January 16, 2009.

ENSR (ENSR International). 2007. Phase A Source Area Investigation Results Report; Tronox, LLC Facility; Henderson, Nevada. September. Approved by NDEP on November 30, 2007.

ENSR. 2008a. Phase B Source Area Investigation Work Plan, Area I (Northern LOUs); Tronox LLC Facility; Henderson, Nevada. April. NDEP conditionally approved May 6, 2008.

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TABLES

TABLE 4-1a. STATISTICAL SUMMARY OF ECA GROUP BW SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
General Chemistry	Ammonia	mg/kg	27,900	BCL	--	--	--	--	34	15	2	5.9	<0.097	6.4 UJ	0.23 J	3.5 J+	1.9	1.9	2.3	1.2	SA-169	0	--
	Bromide	mg/kg	--	--	--	--	--	--	34	15	1	2.9	<0.2	<2.7	2.4	2.4	2.4	2.4	--	--	SA-191	--	--
	Carbonate as CO_3	mg/kg	--	--	--	--	--	--	33	15	29	87.9	<3	<3	5 J	121	17	28	34	1.2	SA-169	--	--
	Chlorate	mg/kg	38,900	BCL	--	--	--	--	43	18	37	86	<0.043	<5.3	0.060 J	470	2.4	31	90	2.9	RI-22	0	--
	Chloride	mg/kg	--	--	--	--	--	--	34	15	34	100	--	--	4.4	689 J+	41	130	170	1.3	SA-169	--	--
	Cyanide (total)	mg/kg	164	BCL	--	--	--	--	33	15	3	9.1	<0.42	<1	0.47 J	0.90	0.86	0.74	0.24	0.32	RSAR4	0	--
	Nitrate (as NO_3)	mg/kg	100,000	BCL	--	--	--	--	43	18	40	93	<3.7	<3.8	1.5 J+	220	16	26	37	1.4	RI-22	0	--
	Nitrate Nitrite as N	mg/kg	--	--	--	--	--	--	9	3	6	66.7	<1.2	<1.2	1.9	49	9.4	15	17	1.2	RI-22	--	--
	Nitrite	mg/kg	120,000	RSL	--	--	--	--	43	18	11	25.6	<0.08	<1.2	0.09 J	3.5	0.26	0.82	1.3	1.6	RI-27	0	--
	Perchlorate	mg/kg	908	BCL	--	--	--	--	50	21	48	96	<0.010	0.045 UJ	0.025 J-	1,500	3.8	190	430	2.3	SSAR4-04	6	1.7
	ortho-Phosphate	mg/kg	--	--	--	--	--	--	1	0	1	100	--	--	3.1 J	3.1 J	3.1	3.1	--	--	SA-4	--	--
	Sulfate	mg/kg	--	--	--	--	--	--	34	15	34	100	--	--	24.7 J+	4,410 J-	130	370	800	2.1	SA-193	--	--
Metals	Aluminum	mg/kg	100,000	BCL	7,340	11,400	3,740 J	15,300 J	34	15	34	100	--	--	6,040	9,690	8,500	8,400	900	0.11	SA-84	0	--
	Antimony	mg/kg	3,450	BCL	0.5 UJ	3.4	0.12 J-	0.5 J-	43	18	32	74.4	0.50 UJ	0.52 UJ	0.14 J-	2.2 J-	1.3	1.2	0.44	0.35	RSAR4	0	--
	Arsenic	mg/kg	7.2	SS	1.6	4.25	2.5	7.2 J	77	29	77	100	--	--	1.89	260	3.6	8.9	30	3.3	RI-22	15	36
	Barium	mg/kg	100,000	BCL	111	213	73	445 J	43	18	43	100	--	--	110	234 J	170	170	31	0.18	SA-120	0	--
	Beryllium	mg/kg	6,130	BCL	0.362	0.588 J	0.16 J	0.89	34	15	34	100	--	--	0.331 J	0.585	0.44	0.45	0.058	0.13	SA-209	0	--
	Boron	mg/kg	100,000	BCL	3.6 J	11.7	<3.2	11.6 J+	43	18	43	100	--	--	4.7 J	54.7	10	12	8.8	0.72	SA-84	0	--
	Cadmium	mg/kg	8,180	BCL	<0.04	0.48	<0.129	<0.129	43	18	28	65.1	<0.04	<0.27	0.06 J	0.62	0.15	0.19	0.12	0.62	SA-190	0	--
	Calcium	mg/kg	--	--	--	--	9,440	82,800 J	34	15	34	100	--	--	10,500	51,200	27,000	29,000	8,900	0.3	SA-193	--	--
	Chromium (total)	mg/kg	--	--	5.57	10.7 J	2.6	16.7	43	18	43	100	--	--	5.44	25	8.3	11	5.7	0.52	RI-22	--	--
	Chromium VI	mg/kg	564	BCL	<0.18	0.29 J	<0.25	<0.32	43	18	3	7	0.16 UJ	<0.21	0.26 J	0.59	0.28	0.38	0.19	0.49	SA-190	0	--
	Cobalt	mg/kg	385	BCL	5.4	9.1	3.7 J	16.3 J	43	18	43	100	--	--	3.8 J-	9.9	7.1	7.3	1.2	0.16	RI-28	0	--
	Copper	mg/kg	51,900	BCL	15.8	140	10.2	25.9 J	43	18	43	100	--	--	8.4 J-	47.1	18	19	5.6	0.29	SA-190	0	--
	Iron	mg/kg	100,000	BCL	11,300	20,600	5,410	19,700	43	18	43	100	--	--	8,350	25,000 J	14,000	16,000	3,600	0.23	RI-22	0	--
	Lead	mg/kg	800	BCL	7.1	72.8	3 J	35.1	43	18	43	100	--	--	6.3	110	9.7	16	19	1.2	RI-28	0	--
	Magnesium	mg/kg	100,000	BCL	7,700	13,000	4,690 J	17,500 J	43	18	43	100	--	--	5,530 J-	31,000	9,600	10,000	3,700	0.36	RI-27	0	--
	Manganese	mg/kg	100,000	BCL	262	537	151	863 J	43	18	43	100	--	--	176 J	910	350	390	140	0.37	RI-28	0	--
	Mercury	mg/kg	3.13	BCL	0.006 J	0.362	<0.0072	0.11	43	18	39	90.7	<0.013	<0.013	0.006 J	1.99	0.013	0.078	0.32	4.1	SA-169	0	--
	Molybdenum	mg/kg	6,490	BCL	<0.31	32.7	0.3 J	2	43	18	35	81.4	<1.0	<1.1	0.32	6.35	0.47	0.69	1	1.5	SA-190	0	--
	Nickel	mg/kg	50,300	BCL	12.7	21.4	7.9 J	30 J	43	18	43	100	--	--	9.3 J-	21	15	16	2.4	0.15	RI-22	0	--
	Niobium	mg/kg	130	BCL	--	--	1.01 UJ-	1.01 UJ-	9	3	0	0	<2.9	<3.1	--	--	--	--	--	--	--	--	--
	Phosphorus (total)	mg/kg	100,000	BCL	--	--	862	2,010	42	18	42	100	--	--	536	1,240	870	860	180	0.21	SA-190	0	--
	Platinum	mg/kg	5,190	BCL	0.006 J	<0.11	<0.0435	0.099 J	34	15	34	100	--	--	0.006 J	0.019 J	0.01	0.0099	0.0024	0.24	SA-190	0	--
	Potassium	mg/kg	--	--	1,450	4,210	625	3,890	34	15	34	100	--	--	1,400	4,240	2,300	2,300	620	0.27	RSAR3	--	--
	Selenium	mg/kg	6,490	BCL	<0.7	<4.3	<0.158	0.6	34	15	2	5.9	<0.7	<0.8	0.12 J	0.9 J-	0.51	0.51	0.55	1.1	SA-29	0	--
	Silver	mg/kg	100,000	BCL	<0.2	<0.2	<0.261	<0.261	43	18	2	4.7	<0.2	<0.83	0.11 J	0.3 J	0.2	0.2	0.13	0.66	SA-169	0	--
	Sodium	mg/kg	--	--	307	1,050	128	1,320	34	15	34	100	--	--	211	3,100	690	800	510	0.64	SA-135	--	--
	Strontium	mg/kg	100,000	BCL	129	339	75.5	808 J	43	18	43	100	--	--	93.1	350 J	210	220	51	0.24	RI-22	0	--
	Thallium	mg/kg	13	BCL	0.071	0.193 J	<0.543	1.8	43	18	33	76.7	<0.074	<0.52	0.063 J	0.234	0.092	0.1	0.034	0.34	SA-213	0	--
	Tin	mg/kg	100,000	BCL	<10.2	<11	0.24 J	0.8 J	34	15	34	100	--	--	0.42	7.8 J	4.3	4.2	1	0.24	SA-190	0	--
	Titanium	mg/kg	100,000	BCL	480	1,080	262	1,010 J	34	15	34	100	--	--	429	1,060	660	680	120	0.18	SA-111	0	--
	Tungsten	mg/kg	1,040	BCL	<0.11	0.62	0.0175 UJ	0.0175 UJ	43	18	34	79.1	<2.6	<2.8	0.099 J	0.39 J	0.17	0.17	0.055	0.32	SA-169	0	--
	Uranium (total)	mg/kg	3,830	BCL	0.655	1.94	0.62 J	2.7	34	15	34	100	--	--	0.666	1.9	0.95	1.1	0.33	0.31	SA-191	0	--
	Vanadium	mg/kg	100,000	BCL	28	54.9	20.2	59.1 J	43	18	43	100	--	--	22.2 J-	77 J	41	45	13	0.29	RI-22	0	--
	Zinc	mg/kg	100,000	BCL	25.8	254	15.4	121	34	15	34	100	--	--	20.1 J-	66.6	32	34	8.9	0.26	SA-169	0	--
	Zirconium	mg/kg	104	BCL	--	--	86.1 J	179 J	9	3	9	100	--	--	18	28	25	24	3.8	0.16	RI-22	0	--
Radionuclides	Radium-226	pCi/g	0.023	BCL	--	--	0.494 J	2.36	43	18	43	100	--	--	0.344	1.74	0.74	0.82	0.3	0.36	RI-22	43	76
	Radium-228	pCi/g	0.046	BCL	--	--	0.946 U	2.92	43	18	43	100	--	--	0.582	2.01 J	1.2	1.2	0.32	0.27	SA-84	43	44
	Thorium-228	pCi/g	0.026	BCL	--	--	1.15	2.28	42	18	42	100	--	--	0.937	2.13	1.5	1.5	0.24	0.16	RI-27	42	82
	Thorium-230	pCi/g	14	BCL	--	--	0.73 J	3.01	42	18	42	100	--	--	0.645	1.71 J	1	1.1	0.25	0.23	RSAR4	0	--
	Thorium-232	pCi/g	13	BCL	--	--	1.22	2.23	42	18	42	100	--	--	1.14	1.94	1.3	1.4	0.21	0.16	RI-22	0	--
	Uranium-234	pCi/g	18	BCL	--	--	0.63 U	2.84	33	15	33	100	--	--	0.769	1.93	1.1	1.1	0.29	0.26	RSAR4	0	--
	Uranium-235	pCi/g	0.33	BCL	--	--	0.0009	0.21 J	33	15	33	100	--	--	0.00843 UJ	0.134 J	0.063	0.063	0.025	0.4	SA-191	0	--
	Uranium-238	pCi/g	1.5	BCL	--	--	0.65 J	2.37	33	15	33	100	--	--	0.763	1.54	0.96	1	0.17	0.17	RSAR4	1	1
VOCs	Acetone	µg/kg	100,000,000	BCL	--	--	--	--	43	18	25	58.1	<1.4	<11	2.3 J	45 J-	11	13	9.9	0.75	SA-169	0	--

TABLE 4-1a. STATISTICAL SUMMARY OF ECA GROUP BW SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	t-Amyl methyl ether	µg/kg	--	--	--	--	--	--	43	18	0	0	<0.11	<5.3	--	--	--	--	--	--	--	--	--
	Benzene	µg/kg	5,310	BCL	--	--	--	--	43	18	1	2.3	<0.42	<5.3	14 J-	14 J-	14	14	--	--	SA-169	0	--
	Bromobenzene	µg/kg	679,000	BCL	--	--	--	--	43	18	0	0	<0.38	<5.3	--	--	--	--	--	--	--	--	--
	Bromochloromethane	µg/kg	628,000	BCL	--	--	--	--	43	18	0	0	<0.38	<5.3	--	--	--	--	--	--	--	--	--
	Bromodichloromethane	µg/kg	1,300	BCL	--	--	--	--	43	18	0	0	<0.47	<5.3	--	--	--	--	--	--	--	--	--
	Bromoform	µg/kg	95,300	BCL	--	--	--	--	43	18	0	0	<0.39	<5.3	--	--	--	--	--	--	--	--	--
	Bromomethane	µg/kg	30,300	BCL	--	--	--	--	43	18	0	0	<0.72	<11	--	--	--	--	--	--	--	--	--
	2-Butanone	µg/kg	28,400,000	BCL	--	--	--	--	43	18	15	34.9	<0.70	<11	0.93 J	9.0 J-	1.1	1.7	2	1.2	SA-169	0	--
	n-Butylbenzene	µg/kg	108,000	BCL	--	--	--	--	43	18	0	0	<0.70	<5.3	--	--	--	--	--	--	--	--	--
	sec-Butylbenzene	µg/kg	145,000	BCL	--	--	--	--	43	18	0	0	<0.60	<5.3	--	--	--	--	--	--	--	--	--
	tert-Butylbenzene	µg/kg	183,000	BCL	--	--	--	--	43	18	0	0	<0.51	<5.3	--	--	--	--	--	--	--	--	--
	Carbon tetrachloride	µg/kg	2,960	BCL	--	--	--	--	43	18	0	0	<0.42	<5.3	--	--	--	--	--	--	--	--	--
	Chlorobenzene	µg/kg	1,370,000	BCL	--	--	--	--	43	18	0	0	<0.44	<5.3	--	--	--	--	--	--	--	--	--
	Chloroethane	µg/kg	2,120,000	BCL	--	--	--	--	43	18	0	0	<0.44	5.3 UJ	--	--	--	--	--	--	--	--	--
	Chloroform	µg/kg	1,390	BCL	--	--	--	--	43	18	2	4.7	<0.40	<5.3	0.62 J	2.6 J-	1.6	1.6	1.4	0.87	SA-169	0	--
	Chloromethane	µg/kg	464,000	BCL	--	--	--	--	43	18	0	0	<0.52	5.3 UJ	--	--	--	--	--	--	--	--	--
	2-Chlorotoluene	µg/kg	907,000	BCL	--	--	--	--	43	18	0	0	<0.56	<5.3	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	µg/kg	26,000,000	BCL	--	--	--	--	43	18	0	0	<0.50	<5.3	--	--	--	--	--	--	--	--	--
	Cumene	µg/kg	10,400,000	BCL	--	--	--	--	43	18	0	0	<0.46	<5.3	--	--	--	--	--	--	--	--	--
	p-Cymene	µg/kg	147,000	BCL	--	--	--	--	43	18	0	0	<0.49	<5.3	--	--	--	--	--	--	--	--	--
	1,2-Dibromo-3-chloropropane	µg/kg	64.9	BCL	--	--	--	--	43	18	0	0	<0.63	<5.3	--	--	--	--	--	--	--	--	--
	Dibromochloromethane	µg/kg	43,300	BCL	--	--	--	--	43	18	0	0	<0.31	<5.3	--	--	--	--	--	--	--	--	--
	1,2-Dibromoethane	µg/kg	168	BCL	--	--	--	--	43	18	0	0	<0.28	<5.3	--	--	--	--	--	--	--	--	--
	Dibromomethane	µg/kg	98,900	BCL	--	--	--	--	43	18	0	0	<0.31	<5.3	--	--	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	µg/kg	376,000	BCL	--	--	--	--	43	18	0	0	<0.36	<5.3	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	µg/kg	373,000	BCL	--	--	--	--	43	18	0	0	<0.48	<5.3	--	--	--	--	--	--	--	--	--
	1,4-Dichlorobenzene	µg/kg	11,500	BCL	--	--	--	--	43	18	0	0	<0.49	<5.3	--	--	--	--	--	--	--	--	--
	Dichlorodifluoromethane	µg/kg	368,000	BCL	--	--	--	--	43	18	1	2.3	<0.48	5.3 UJ	0.58 J	0.58 J	0.58	0.58	--	--	SA-111	0	--
	1,1-Dichloroethane	µg/kg	15,800	BCL	--	--	--	--	43	18	0	0	<0.42	<5.3	--	--	--	--	--	--	--	--	--
	1,2-Dichloroethane	µg/kg	2,100	BCL	--	--	--	--	43	18	0	0	<0.32	<5.3	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethene	µg/kg	20,000	BCL	--	--	--	--	43	18	0	0	<0.34	<5.3	--	--	--	--	--	--	--	--	--
	cis-1,2-Dichloroethene	µg/kg	400,000	BCL	--	--	--	--	43	18	0	0	<0.29	<5.3	--	--	--	--	--	--	--	--	--
	trans-1,2-Dichloroethene	µg/kg	304,000	BCL	--	--	--	--	43	18	0	0	<0.48	<5.3	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	µg/kg	11,700	BCL	--	--	--	--	43	18	0	0	<0.36	<5.3	--	--	--	--	--	--	--	--	--
	1,3-Dichloropropane	µg/kg	26,000,000	BCL	--	--	--	--	43	18	0	0	<0.33	<5.3	--	--	--	--	--	--	--	--	--
	2,2-Dichloropropane	µg/kg	--	--	--	--	--	--	43	18	0	0	<0.31	<5.3	--	--	--	--	--	--	--	--	--
	1,1-Dichloropropene	µg/kg	--	--	--	--	--	--	43	18	0	0	<0.37	<5.3	--	--	--	--	--	--	--	--	--
	cis-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	43	18	0	0	<0.32	<5.3	--	--	--	--	--	--	--	--	--
	trans-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	43	18	0	0	<0.34	<5.3	--	--	--	--	--	--	--	--	--
	Diisopropyl ether	µg/kg	2,260,000	BCL	--	--	--	--	43	18	0	0	<0.22	<5.3	--	--	--	--	--	--	--	--	--
	Ethyl benzene	µg/kg	26,600	BCL	--	--	--	--	43	18	1	2.3	<0.49	<5.3	1.0	1.0	1	1	--	--	RI-22	0	--
	Ethyl tert-butyl ether	µg/kg	560,000	RSL	--	--	--	--	43	18	0	0	<0.22	<5.3	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	µg/kg	5,610	BCL	--	--	--	--	43	18	0	0	<0.69	<5.3	--	--	--	--	--	--	--	--	--
	2-Hexanone	µg/kg	1,490,000	BCL	--	--	--	--	43	18	0	0	<0.65	11 UJ	--	--	--	--	--	--	--	--	--
	Methyl tert-butyl ether	µg/kg	217,000	BCL	--	--	--	--	43	18	0	0	<0.29	<5.3	--	--	--	--	--	--	--	--	--
	Methylene Chloride	µg/kg	1,130,000	BCL	--	--	--	--	43	18	3	7	<0.35	<5.7	0.44 J	0.48 J	0.45	0.46	0.021	0.046	SA-101	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	43	18	0	0	<0.83	<5.3	--	--	--	--	--	--	--	--	--
	4-Methyl-2-pentanone	µg/kg	3,360,000	BCL	--	--	--	--	43	18	1	2.3	<0.60	<11	1.8 J-	1.8 J-	1.8	1.8	--	--	SA-169	0	--
	n-Propylbenzene	µg/kg	264,000	BCL	--	--	--	--	43	18	0	0	<0.47	<5.3	--	--	--	--	--	--	--	--	--
	Styrene	µg/kg	867,000	BCL	--	--	--	--	43	18	0	0	<0.42	<5.3	--	--	--	--	--	--	--	--	--
	1,1,1,2-Tetrachloroethane	µg/kg	9,070	BCL	--	--	--	--	43	18	0	0	<0.26	<5.3	--	--	--	--	--	--	--	--	--
	1,1,2,2-Tetrachloroethane	µg/kg	2,910	BCL	--	--	--	--	43	18	0	0	<0.37	<5.3	--	--	--	--	--	--	--	--	--
	Tetrachloroethene	µg/kg	107,000	BCL	--	--	--	--	43	18	0	0	<0.45	<5.3	--	--	--	--	--	--	--	--	--
	Toluene	µg/kg	818,000	BCL	--	--	--	--	43	18	18	41.9	<0.30	<5.3	0.37 J	2.4 J-	0.48	0.76	0.62	0.82	SA-169	0	--
	1,2,3-Trichlorobenzene	µg/kg	151,000	BCL	--	--	--	--	43	18	0	0	<0.66	<5.3	--	--	--	--	--	--	--	--	--
	1,2,4-Trichlorobenzene	µg/kg	125,000	BCL	--	--	--	--	43	18	0	0	<0.82	<5.3	--	--	--	--	--	--	--	--	--

TABLE 4-1a. STATISTICAL SUMMARY OF ECA GROUP BW SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	1,1,1-Trichloroethane	µg/kg	640,000	BCL	--	--	--	--	43	18	0	0	<0.20	<5.3	--	--	--	--	--	--	--	--	--
	1,1,2-Trichloroethane	µg/kg	5,280	BCL	--	--	--	--	43	18	0	0	<0.49	<5.3	--	--	--	--	--	--	--	--	--
	Trichloroethene	µg/kg	6,310	BCL	--	--	--	--	43	18	0	0	<0.37	<5.3	--	--	--	--	--	--	--	--	--
	Trichlorofluoromethane	µg/kg	1,230,000	BCL	--	--	--	--	43	18	1	2.3	<0.31	5.3 UJ	0.86 J	0.86 J	0.86	0.86	--	--	SA-110	0	--
	1,2,3-Trichloropropane	µg/kg	121	BCL	--	--	--	--	43	18	0	0	<0.49	<5.3	--	--	--	--	--	--	--	--	--
	1,2,4-Trimethylbenzene	µg/kg	219,000	BCL	--	--	--	--	43	18	0	0	<0.57	<5.3	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	µg/kg	182,000	BCL	--	--	--	--	43	18	0	0	<0.48	<5.3	--	--	--	--	--	--	--	--	--
	Vinyl chloride	µg/kg	1,870	BCL	--	--	--	--	43	18	0	0	<0.43	<5.3	--	--	--	--	--	--	--	--	--
	m,p-Xylene	µg/kg	--	--	--	--	--	--	42	18	2	4.8	<0.85	<1.7	4.6	5.3 J-	4.9	4.9	0.49	0.1	SA-169	--	--
	o-Xylene	µg/kg	434,000	BCL	--	--	--	--	42	18	1	2.4	<0.49	<1.2	1.7	1.7	1.7	1.7	--	--	RI-22	0	--
	Xylenes (total)	µg/kg	260,000	BCL	--	--	--	--	1	0	0	0	<11	<11	--	--	--	--	--	--	--	--	--
	tert Butyl alcohol	µg/kg	7,270,000	BCL	--	--	--	--	43	18	0	0	5.3 UJ	<13	--	--	--	--	--	--	--	--	--
SVOCs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	66	28	0	0	<1.1	<730	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	66	28	3	4.5	<0.76	<770	2.9 J	52 J	8.8	21	27	1.3	SA-190	0	--
	Aniline	µg/kg	619,000	BCL	--	--	--	--	9	3	0	0	<89	<930	--	--	--	--	--	--	--	--	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	66	28	3	4.5	<1.3	<870	4.3 J	80	12	32	42	1.3	SA-190	0	--
	Benzidine	µg/kg	15.3	BCL	--	--	--	--	8	2	0	0	<700	<7,200	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	66	28	26	39.4	<0.60	<350	2.1 J	920 J	14	86	190	2.2	RI-28	0	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	66	28	18	27.3	<0.69	<350	4.2 J	870 J	22	100	210	2	RI-28	0	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	66	28	23	34.8	<1.2	<350	3.2 J	1,400 J	21	140	300	2.1	RI-28	0	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	66	28	21	31.8	<1.3	<1,200	3.2 J	330	19	50	77	1.5	SA-190	0	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	66	28	15	22.7	<0.86	<770	2.5 J	260	6.7	34	67	2	SA-190	0	--
	Benzoic acid	µg/kg	100,000,000	BCL	--	--	--	--	9	3	0	0	<360	<3,700	--	--	--	--	--	--	--	--	--
	Benzyl alcohol	µg/kg	91,200,000	BCL	--	--	--	--	9	3	0	0	<160	<1,600	--	--	--	--	--	--	--	--	--
	4-Bromophenyl-phenyl ether	µg/kg	--	--	--	--	--	--	9	3	0	0	<79	<820	--	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	µg/kg	1,860,000	BCL	--	--	--	--	66	28	0	0	<2.4	<870	--	--	--	--	--	--	--	--	--
	4-Chloroaniline	µg/kg	17,600	BCL	--	--	--	--	9	3	0	0	<140	<1,500	--	--	--	--	--	--	--	--	--
	2-Chloronaphthalene	µg/kg	175,000	BCL	--	--	--	--	9	3	0	0	<70	<730	--	--	--	--	--	--	--	--	--
	2-Chlorophenol	µg/kg	6,490,000	BCL	--	--	--	--	9	3	0	0	<73	<770	--	--	--	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	µg/kg	--	--	--	--	--	--	9	3	0	0	<89	<930	--	--	--	--	--	--	--	--	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	66	28	25	37.9	<1.1	<820	2.9 J	390	18	72	110	1.5	SSAR3-01	0	--
	Di-n-butylphthalate	µg/kg	91,200,000	BCL	--	--	--	--	66	28	17	25.8	<29	<980	40 J	600	53	92	130	1.4	SA-101	0	--
	Di-n-octylphthalate	µg/kg	9,120,000	BCL	--	--	--	--	66	28	0	0	<1.1	<980	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	66	28	4	6.1	<0.79	<1,100	4.6 J	87	26	36	36	1	SA-190	0	--
	Dibenzofuran	µg/kg	171,000	BCL	--	--	--	--	9	3	0	0	<70	<730	--	--	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	µg/kg	7,840	BCL	--	--	--	--	9	3	0	0	<160	<1,600	--	--	--	--	--	--	--	--	--
	2,4-Dichlorophenol	µg/kg	2,740,000	BCL	--	--	--	--	9	3	0	0	<70	<730	--	--	--	--	--	--	--	--	--
	Diethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	66	28	0	0	<26	<2,500	--	--	--	--	--	--	--	--	--
	2,4-Dimethylphenol	µg/kg	18,200,000	BCL	--	--	--	--	9	3	0	0	<140	<1,400	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	66	28	10	15.2	<0.91	<730	36 J	180 J	90	92	46	0.5	SSAR3-01	0	--
	2,4-Dinitrophenol	µg/kg	1,820,000	BCL	--	--	--	--	9	3	0	0	<350	<3,600	--	--	--	--	--	--	--	--	--
	2,4-Dinitrotoluene	µg/kg	11,400	BCL	--	--	--	--	9	3	0	0	<84	<870	--	--	--	--	--	--	--	--	--
	2,6-Dinitrotoluene	µg/kg	2,350	BCL	--	--	--	--	9	3	0	0	<99	<1,000	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	µg/kg	27,200	BCL	--	--	--	--	57	25	0	0	<5.1	<350	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	66	28	26	39.4	<1.5	<350	3.2 J	1,000 J	22	120	220	1.8	RI-28	0	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	66	28	0	0	<0.71	<770	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	66	28	18	27.3	<0.86	<350	8.5	1,600 J	94	210	380	1.7	RI-28	4	6.9
	Hexachlorocyclopentadiene	µg/kg	7,460	BCL	--	--	--	--	9	3	0	0	<140	<1,500	--	--	--	--	--	--	--	--	--
	Hexachloroethane	µg/kg	8,470	BCL	--	--	--	--	9	3	0	0	<140	<1,500	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	66	28	17	25.8	<0.92	<1,400	2.8 J	220	14	47	61	1.3	SA-190	0	--
	Isophorone	µg/kg	3,710,000	BCL	--	--	--	--	9	3	0	0	<70	<730	--	--	--	--	--	--	--	--	--
	1-Methylnaphthalene	µg/kg	770	BCL	--	--	--	--	9	3	0	0	<160	<1,600	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	66	28	0	0	<0.58	<770	--	--	--	--	--	--	--	--	--
	2-Methylphenol	µg/kg	45,600,000	BCL	--	--	--	--	9	3	0	0	<84	<870	--	--	--	--	--	--	--	--	--
	3&4-Methylphenol	µg/kg	16,000,000	RSL	--	--	--	--	9	3	0	0	<140	<1,500	--	--	--	--	--	--	--	--	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	66	28	1	1.5	<0.86	<730	2.5 J	2.5 J	2.5	2.5	--	--	SA-111	0	--

TABLE 4-1a. STATISTICAL SUMMARY OF ECA GROUP BW SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
SVOCs	2-Nitroaniline	µg/kg	8,840,000	BCL	--	--	--	--	9	3	0	0	<70	<730	--	--	--	--	--	--	--	--	--
	3-Nitroaniline	µg/kg	--	--	--	--	--	--	9	3	0	0	<140	<1,500	--	--	--	--	--	--	--	--	--
	4-Nitroaniline	µg/kg	176,000	BCL	--	--	--	--	9	3	0	0	<140	<1,500	--	--	--	--	--	--	--	--	--
	Nitrobenzene	µg/kg	22,500	BCL	--	--	--	--	66	28	0	0	<1.8	<770	--	--	--	--	--	--	--	--	--
	2-Nitrophenol	µg/kg	--	--	--	--	--	--	9	3	0	0	<140	<1,500	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	µg/kg	7,290,000	BCL	--	--	--	--	9	3	0	0	<150	<1,500	--	--	--	--	--	--	--	--	--
	n-Nitrosodiphenylamine	µg/kg	720,000	BCL	--	--	--	--	9	3	0	0	<84	<870	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	µg/kg	--	--	--	--	--	--	66	28	6	9.1	<3.6	<25,000	11	160 J	67	82	58	0.7	SSAQ4-08	--	--
	Pentachlorophenol	µg/kg	8,450	BCL	--	--	--	--	9	3	0	0	<360	<3,700	--	--	--	--	--	--	--	--	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	66	28	20	30.3	<1.9	<730	2.4 J	190	7	39	55	1.4	SA-169	0	--
	Phenol	µg/kg	100,000,000	BCL	--	--	--	--	9	3	0	0	<94	<980	--	--	--	--	--	--	--	--	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	66	28	27	40.9	<1.1	<1,500	1.4 J	490	20	73	120	1.6	SA-190	0	--
	Pyridine	µg/kg	1,300,000	BCL	--	--	--	--	66	28	0	0	<28	<1,700	--	--	--	--	--	--	--	--	--
	2,4,5-Trichlorophenol	µg/kg	91,200,000	BCL	--	--	--	--	9	3	0	0	<140	<1,400	--	--	--	--	--	--	--	--	--
	2,4,6-Trichlorophenol	µg/kg	321,000	BCL	--	--	--	--	9	3	0	0	<79	<820	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	µg/kg	2,740,000	BCL	--	--	--	--	9	3	0	0	<140	<1,500	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	µg/kg	1,150	BCL	--	--	--	--	9	3	0	0	<73	<770	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	µg/kg	252,000	BCL	--	--	--	--	66	28	6	9.1	<47	<2,800	79 J	650	120	270	260	0.98	SSAR3-01	0	--
	4-Chloro-3-methylphenol	µg/kg	91,200,000	BCL	--	--	--	--	9	3	0	0	<73	<770	--	--	--	--	--	--	--	--	--
	n-Nitroso-di-n-propylamine	µg/kg	504	BCL	--	--	--	--	9	3	0	0	<73	<770	--	--	--	--	--	--	--	--	--
PAHs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	9	3	0	0	<4.2	<35	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	9	3	1	11.1	<4.2	<9.4	40 J	40 J	40	40	--	--	RI-28	0	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	9	3	0	0	<4.2	<35	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	9	3	3	33.3	<4.2	<9.4	19 J	940	19	330	530	1.6	RI-28	0	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	9	3	4	44.4	<4.2	<9.4	5.5 J	950	20	250	470	1.9	RI-28	0	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	9	3	7	77.8	<4.3	<9.4	5.1 J	1,800	14	270	670	2.5	RI-28	0	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	9	3	4	44.4	<4.2	<9.4	5.4 J	880	21	230	430	1.9	RI-28	0	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	9	3	3	33.3	<4.2	<9.4	16 J	700	17	240	390	1.6	RI-28	0	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	9	3	6	66.7	<4.3	<9.4	4.2 J	1,200	18	210	480	2.3	RI-28	0	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	9	3	1	11.1	<4.2	<9.4	220 J	220 J	220	220	--	--	RI-28	0	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	9	3	5	55.6	<4.2	<9.4	4.3 J	1,300	33	280	570	2.1	RI-28	0	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	9	3	0	0	<4.2	<35	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	9	3	4	44.4	<4.2	<9.4	6.0 J	890	22	240	440	1.9	RI-28	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	9	3	0	0	<4.2	<35	--	--	--	--	--	--	--	--	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	9	3	2	22.2	<4.2	<9.4	7.2 J	220 J-	110	110	150	1.3	RI-28	0	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	9	3	4	44.4	<4.2	<9.4	12 J	1,300	30	340	640	1.9	RI-28	0	--
PCBs	Aroclor-1016	µg/kg	45,200	BCL	--	--	--	--	6	4	0	0	<19	<35	--	--	--	--	--	--	--	--	--
	Aroclor-1221	µg/kg	1,280	BCL	--	--	--	--	6	4	0	0	<35	<42	--	--	--	--	--	--	--	--	--
	Aroclor-1232	µg/kg	1,060	BCL	--	--	--	--	6	4	0	0	<19	<35	--	--	--	--	--	--	--	--	--
	Aroclor-1242	µg/kg	1,550	BCL	--	--	--	--	6	4	0	0	<28	<35	--	--	--	--	--	--	--	--	--
	Aroclor-1248	µg/kg	1,560	BCL	--	--	--	--	6	4	0	0	<19	<35	--	--	--	--	--	--	--	--	--
	Aroclor-1254	µg/kg	1,600	BCL	--	--	--	--	6	4	0	0	<19	<35	--	--	--	--	--	--	--	--	--
	Aroclor-1260	µg/kg	1,650	BCL	--	--	--	--	15	7	3	20	<18	<39	30 J	83 J	59	57	27	0.46	RI-27	0	--
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	26.7	BCL	--	--	--	--	37	27	22	59.5	<0.023	<0.53	0.038 JK	19	0.54	1.9	4	2.1	SA-193	0	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	37	27	23	62.2	<0.034	<2.6	0.071 J	44	0.87	5.5	10	1.8	SA-193	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	37	27	25	67.6	<0.018	<2.7	0.066 JK	31	0.67	3.7	7	1.9	SA-193	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	37	27	33	89.2	<2.5	<2.7	0.079 JK	49	0.55	4.8	9.8	2.1	SA-193	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	581	BCL	--	--	--	--	37	27	34	91.9	<2.5	<2.5	0.12 J	55	0.58	4.6	10	2.3	SA-193	0	--
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	37	27	35	94.6	2.5 UJ	2.5 UJ	0.15 J	190	2.3	21	42	2	SA-193	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	37	27	36	97.3	5.1 UJ	5.1 UJ	0.58 J	380	6	44	84	1.9	RI-28	--	--
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	--	--	--	--	--	--	37	27	35	94.6	<0.51	<0.53	0.085 J	350	5.8	31	65	2.1	SA-193	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	37	27	34	91.9	<0.73	<2.5	0.084 J	580	5.8	65	140	2.2	SA-193	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	37	27	32	86.5	<0.031	<2.5	0.13 J	290	3.4	34	72	2.1	SA-193	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	37	27	35	94.6	<2.5	<2.5	0.16 J	1,300 J	10	120	270	2.3	SA-193	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	37	27	35	94.6	<2.5	<2.5	0.063 J	730	7.3	86	190	2.2	SA-193	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	37	27	35	94.6	<2.5	<2.5	0.10 J	150	1.5	16	37	2.3	SA-193	--	--

TABLE 4-1a. STATISTICAL SUMMARY OF ECA GROUP BW SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Dioxins/Furans	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	37	27	32	86.5	<0.040	<2.7	0.070 J	160	2.4	22	47	2.1	SA-193	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	37	27	35	94.6	2.5 UJ	2.5 UJ	0.35 J	2,700 J	27	340	770	2.2	SSAQ4-08	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	37	27	35	94.6	2.5 UJ	2.5 UJ	0.14 J	1,200 J	12	150	340	2.2	SA-193	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	pg/g	--	--	--	--	--	--	37	27	36	97.3	5.1 UJ	5.1 UJ	0.86 J	22,000	90	2,000	4,700	2.4	RI-28	--	--
	Total Dioxin/Furan TEQ (Calculated)	pg/g	2,700	SS	--	--	--	--	23	13	23	100	--	--	0.11	330	3.1	39	89	2.3	SSAQ4-08	0	--
Pesticides - OCPs	Aldrin	µg/kg	205	BCL	--	--	--	--	28	11	0	0	<0.88	<9.1	--	--	--	--	--	--	--	--	--
	alpha-BHC	µg/kg	274,000	BCL	--	--	--	--	28	11	0	0	<0.88	<9.1	--	--	--	--	--	--	--	--	--
	beta-BHC	µg/kg	54,700	BCL	--	--	--	--	28	11	5	17.9	<0.90	<9.1	1.0 J	6.8	1.6	2.5	2.4	0.99	RI-22	0	--
	delta-BHC	µg/kg	333,000	BCL	--	--	--	--	28	11	0	0	<0.88	<9.1	--	--	--	--	--	--	--	--	--
	gamma-BHC	µg/kg	11,100	BCL	--	--	--	--	28	11	0	0	<0.88	<9.1	--	--	--	--	--	--	--	--	--
	Chlordane (total)	µg/kg	--	--	--	--	--	--	19	8	0	0	<4.4	<45	--	--	--	--	--	--	--	--	--
	alpha-Chlordane	µg/kg	500,000	RSL	--	--	--	--	28	11	0	0	<0.88	<9.1	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	µg/kg	500,000	RSL	--	--	--	--	28	11	0	0	<0.88	<9.1	--	--	--	--	--	--	--	--	--
	4,4'-DDD	µg/kg	14,700	BCL	--	--	--	--	28	11	0	0	<1.6	<18	--	--	--	--	--	--	--	--	--
	2,4'-DDE	µg/kg	--	--	--	--	--	--	9	3	0	0	<1.6	<3.4	--	--	--	--	--	--	--	--	--
	4,4'-DDE	µg/kg	10,300	BCL	--	--	--	--	28	11	1	3.6	<1.6	<18	2.9 J+	2.9 J+	2.9	2.9	--	--	RI-28	0	--
	4,4'-DDT	µg/kg	10,600	BCL	--	--	--	--	28	11	3	10.7	<1.6	<18	1.7 J	4.0	2.4	2.7	1.2	0.44	SA-191	0	--
	Dieldrin	µg/kg	220	BCL	--	--	--	--	28	11	0	0	<1.6	<18	--	--	--	--	--	--	--	--	--
	Endosulfan I	µg/kg	--	--	--	--	--	--	28	11	0	0	<0.88	<9.1	--	--	--	--	--	--	--	--	--
	Endosulfan II	µg/kg	--	--	--	--	--	--	28	11	0	0	1.6 UJ	<18	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	µg/kg	4,900,000	RSL	--	--	--	--	28	11	0	0	<1.8	<18	--	--	--	--	--	--	--	--	--
	Endrin	µg/kg	274,000	BCL	--	--	--	--	28	11	0	0	1.6 UJ	<18	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	µg/kg	--	--	--	--	--	--	28	11	0	0	<1.6	<18	--	--	--	--	--	--	--	--	--
	Endrin ketone	µg/kg	--	--	--	--	--	--	28	11	0	0	<1.8	<18	--	--	--	--	--	--	--	--	--
	Heptachlor	µg/kg	696	BCL	--	--	--	--	28	11	0	0	<0.88	<9.1	--	--	--	--	--	--	--	--	--
	Heptachlor epoxide	µg/kg	366	BCL	--	--	--	--	28	11	0	0	<0.88	<9.1	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	19	8	8	42.1	<0.90	<0.92	0.97 J	270	6.8	46	93	2	SA-29	1	1.2
	Methoxychlor	µg/kg	4,560,000	BCL	--	--	--	--	28	11	0	0	<1.6	<90	--	--	--	--	--	--	--	--	--
	Toxaphene	µg/kg	3,210	BCL	--	--	--	--	28	11	0	0	<18	<180	--	--	--	--	--	--	--	--	--
Pesticides - OPPs	Chlorpyrifos	µg/kg	912,000	BCL	--	--	--	--	6	3	0	0	<6.9	<7.1	--	--	--	--	--	--	--	--	--
	Coumaphos	µg/kg	--	--	--	--	--	--	6	3	0	0	<3	<3.1	--	--	--	--	--	--	--	--	--
	Dasanit	µg/kg	--	--	--	--	--	--	6	3	0	0	<8.7	<8.9	--	--	--	--	--	--	--	--	--
	Demeton-O	µg/kg	--	--	--	--	--	--	6	3	0	0	<5.7	<5.8	--	--	--	--	--	--	--	--	--
	Demeton-S	µg/kg	--	--	--	--	--	--	6	3	0	0	<5.2	<5.3	--	--	--	--	--	--	--	--	--
	Diazinon	µg/kg	638,000	BCL	--	--	--	--	6	3	0	0	<7.8	<7.9	--	--	--	--	--	--	--	--	--
	Dichlorovos	µg/kg	12,200	BCL	--	--	--	--	6	3	0	0	<7.9	<8.1	--	--	--	--	--	--	--	--	--
	Dimethoate	µg/kg	2,010,000	BCL	--	--	--	--	6	3	0	0	<7.6	<7.7	--	--	--	--	--	--	--	--	--
	Disulfoton	µg/kg	36,500	BCL	--	--	--	--	6	3	0	0	<8.3	<8.4	--	--	--	--	--	--	--	--	--
	EPN	µg/kg	9,120	BCL	--	--	--	--	6	3	0	0	<3.9	<4	--	--	--	--	--	--	--	--	--
	Ethoprop	µg/kg	--	--	--	--	--	--	6	3	0	0	<5.3	<5.4	--	--	--	--	--	--	--	--	--
	Famphur	µg/kg	--	--	--	--	--	--	6	3	0	0	<3.4	<3.5	--	--	--	--	--	--	--	--	--
	Fenthion	µg/kg	--	--	--	--	--	--	6	3	0	0	<9.3	<9.5	--	--	--	--	--	--	--	--	--
	Guthion	µg/kg	2,740,000	BCL	--	--	--	--	6	3	0	0	<3.7	<3.8	--	--	--	--	--	--	--	--	--
	Malathion	µg/kg	18,200,000	BCL	--	--	--	--	6	3	0	0	<5	<5.1	--	--	--	--	--	--	--	--	--
	Merphos	µg/kg	1,030	BCL	--	--	--	--	6	3	0	0	<5.5	<5.6	--	--	--	--	--	--	--	--	--
	Methyl parathion	µg/kg	228,000	BCL	--	--	--	--	6	3	0	0	<6.8	<7	--	--	--	--	--	--	--	--	--
	Mevinphos	µg/kg	--	--	--	--	--	--	6	3	0	0	4.9 UJ	5 UJ	--	--	--	--	--	--	--	--	--
	Naled	µg/kg	1,290	BCL	--	--	--	--	6	3	0	0	24 UJ	25 UJ	--	--	--	--	--	--	--	--	--
	Parathion	µg/kg	5,470,000	BCL	--	--	--	--	6	3	0	0	<5.7	<5.8	--	--	--	--	--	--	--	--	--
	Phorate	µg/kg	182,000	BCL	--	--	--	--	6	3	0	0	<6.1	<6.2	--	--	--	--	--	--	--	--	--
	Prothiophos	µg/kg	--	--	--	--	--	--	6	3	0	0	<4.2	<4.3	--	--	--	--	--	--	--	--	--
	Ronnel	µg/kg	26,800	BCL	--	--	--	--	6	3	0	0	<16	<17	--	--	--	--	--	--	--	--	--
	Stirophos	µg/kg	147,000	BCL	--	--	--	--	6	3	0	0	<4.7	<4.8	--	--	--	--	--	--	--	--	--
	Sulfotepp	µg/kg	456,000	BCL	--	--	--	--	6	3	0	0	<6.7	<6.8	--	--	--	--	--	--	--	--	--
	Sulprofos	µg/kg	--	--	--	--	--	--	6	3	0	0	<4.5	<4.6	--	--	--	--	--	--	--	--	--
	Thionazin	µg/kg	--	--	--	--	--	--	6	3	0	0	<6	<6.1	--	--	--	--	--	--	--	--	--

TABLE 4-1a. STATISTICAL SUMMARY OF ECA GROUP BW SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects								
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Pesticides - OPPs	Trichloronate	µg/kg	--	--	--	--	--	--	6	3	0	0	<6.7	<6.8	--	--	--	--	--	--	--	--	--
Petroleum Indicators	Petroleum Hydrocarbons	mg/kg	--	--	--	--	--	--	34	15	7	20.6	<27	<44	43	320	54	96	100	1	SA-169	--	--
	Gasoline Range Organics	mg/kg	--	--	--	--	--	--	1	0	0	0	<0.11	<0.11	--	--	--	--	--	--	--	--	--
	Diesel Range Organics	mg/kg	--	--	--	--	--	--	34	15	5	14.7	<27	<44	35 J	290	53	97	110	1.1	SA-169	--	--
Other Organics	Benzenesulfonic acid	µg/kg	100,000,000	BCL	--	--	--	--	6	3	0	0	<250	<250	--	--	--	--	--	--	--	--	--
	4-Chlorobenzenesulfonic acid	µg/kg	91,200,000	BCL	--	--	--	--	6	3	0	0	<250	<250	--	--	--	--	--	--	--	--	--
	Diethylphosphorodithioate	µg/kg	100,000,000	BCL	--	--	--	--	6	3	0	0	<250	<250	--	--	--	--	--	--	--	--	--
	o,o-Dimethyl Phosphorodithioate	µg/kg	100,000,000	BCL	--	--	--	--	6	3	0	0	<1,300	<1,300	--	--	--	--	--	--	--	--	--
	Phthalic acid	µg/kg	100,000,000	BCL	--	--	--	--	6	3	0	0	<250	<250	--	--	--	--	--	--	--	--	--
Asbestos	Long Amphibole Protocol Structures Count	s/samp	0	SS	--	--	--	--	24	24	2	8.3	0	2	1	1	1	1	0	0	SA-193	2	N/A
	Long Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	24	24	19	79.2	0	0	1	26	8	9.2	7.8	0.85	SA-111	--	--
	Long Chrysotile Protocol Structures Count	s/samp	5	SS	--	--	--	--	24	24	19	79.2	0	0	1	26	8	8.9	7.9	0.89	SA-111	10	5.2
	Short Amphibole Structures Counts	s/samp	--	--	--	--	--	--	24	24	2	8.3	0	0	3	3	3	3	0	0	SA-193	--	--
	Short Asbestos Structures Counts	s/samp	--	--	--	--	--	--	24	24	18	75	0	0	1 J	33	8.5	10	8.3	0.83	SA-191	--	--
	Short Chrysotile Structures Counts	s/samp	--	--	--	--	--	--	24	24	17	70.8	0	0	1 J	33	9	10	8.3	0.81	SA-191	--	--
	Total Amphibole Protocol Structures Count	s/samp	--	--	--	--	--	--	24	24	3	12.5	0	0	1	5	4	3.3	2.1	0.62	SA-101	--	--
	Total Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	24	24	20	83.3	0	0	1	58	14	18	15	0.87	SA-191	--	--
	Total Chrysotile Protocol Structures Count	s/samp	--	--	--	--	--	--	24	24	20	83.3	0	0	1	58	14	16	15	0.93	SA-191	--	--

Notes:

1. Health-based soil screening levels (HSSLs).
   SS: Site-specific values for Arsenic and Dioxin/Furan Toxicity Equivalence (TEQ).
   BCL: Lowest level among all available indoor and outdoor industrial worker Basic Comparison Levels (BCLs), NDEP 2025.
   RSL: Regional Screening Levels for industrial soil, USEPA 2024.

	No detections, or maximum detected concentration is below HSSL (if available).
	No HSSL available.
	Radionuclides were determined to be consistent with background or natural concentration of uranium metal across OU-1.
	Essential Nutrient, macronutrient or salt.
	Individual VOCs were used to evaluate the nature and extent of impacts in soil from these compounds.

Sources:

[1] NDEP. 2025. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 17, July.

[2] USEPA. 2024. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund sites. November.

[3] NDEP. 2010. NDEP Response to Background Issues and Determination of Background Dataset for TRX. August 17.

[4] TIMET/BRC. 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity.

TABLE 4-1b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA GROUP BW
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231	231
Phase A	SA-4	10 - 11.5	11/14/2006	--	--	--	--	--	**0.496**	**11.3**	**3.8 J-**	**6.3**	**5,530 J-**	**176 J**	<0.074	--	--	<350
Phase B	RSAQ3	9.5 - 11	9/30/2009	--	--	--	--	--	**13.5**	**2.49 J**	**7**	**9.7 J**	**8,730**	**414**	**0.096 J**	<0.91	<0.91	<0.88
	RSAR3	0.5 - 1	8/07/2009	0	**8**	--	--	--	--	--	--	--	--	--	--	--	--	--
		1 - 2.5	10/01/2009	--	--	<0.53	**0.19 J**	--	**1.06**	**2.3 J**	**6.6**	**11.5 J**	**7,860**	**357**	**0.077 J**	<0.92	**8.2**	**8.8**
	RSAR4	0 - 0.5	8/07/2009	0	**8**	--	--	--	--	--	--	--	--	--	--	--	--	--
			8/07/2009 (FD)	0	**12**	--	--	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 2	9/30/2009	--	--	**0.17 JK**	<2.5	--	**4.65**	**2.29 J**	**6.8**	**11.3 J**	**8,680**	**336**	**0.063 J**	<0.90	**11**	**16**
		10 - 11.5	9/30/2009	--	--	--	--	--	**1.06**	**2.9 J**	**7.7**	**7.5 J**	**9,500**	**344**	**0.079 J**	<0.91	<0.91	<0.88
			9/30/2009 (FD)	--	--	--	--	--	**1.13**	**3.11 J**	**6.4**	**7.6 J**	**9,610**	**310**	**0.081 J**	<0.91	<0.91	<0.88
	SA-29	0.5	8/07/2009	0	**20**	--	--	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 2	9/28/2009	--	--	**0.27 J**	**0.63 JK**	--	**1.12 J-**	**1.89**	**6.2**	**37.2 J**	**7,760**	**360**	**0.098**	<8.9	**66**	**27**
		10 - 11.5	9/28/2009	--	--	--	--	--	**12.9 J-**	**2.98**	**6.5**	**9.4 J**	**10,300**	**289**	**0.107**	<9.1	**270**	**190**
	SA-84	10 - 11.5	9/24/2009	--	--	--	--	--	**14.9 J-**	**3.81**	**6.4**	**8**	**9,200**	**320 J**	**0.091**	<0.91	<0.91	<0.88
			9/24/2009 (FD)	--	--	--	--	--	**15.8 J-**	**3.77**	**7.5**	**9.1**	**9,550**	**349 J**	**0.091**	<0.91	<0.91	<0.89
	SA-101	0	8/07/2009	2	**3**	--	--	--	--	--	--	--	--	--	--	--	--	--
		0 - 1.5	9/25/2009	--	--	**0.71**	**1.1 JK**	--	**3.17 J-**	**2.17**	**7.5**	**15.5**	**9,120**	**397 J**	**0.083**	<0.92	**5.4**	<0.89
		9.5 - 11	9/25/2009	--	--	--	--	--	**0.717 J-**	**2.47**	**6.6**	**8.2**	**9,950**	**303 J**	**0.097**	<0.92	<0.92	<1.8
	SA-110	10 - 11.5	9/29/2009	--	--	--	--	--	**0.291 J**	**2.82**	**6.3**	**6.6**	**13,800**	**261 J+**	**0.085**	--	--	<0.89
	SA-111	0.5	8/07/2009	0	**26**	--	--	--	--	--	--	--	--	--	--	--	--	--
		1.5 - 3.5	10/05/2009	--	--	<0.51	<2.5	--	**0.956**	**2.73**	**7.9**	**9.4 J**	**8,560**	**359**	**0.118 J**	--	--	<0.88
		10 - 12	10/05/2009	--	--	--	--	--	**5.38**	**3.2**	**7.8**	**19.6 J**	**10,700**	**369**	**0.093 J**	--	--	<0.89
	SA-120	0	8/07/2009	0	**17**	--	--	--	--	--	--	--	--	--	--	--	--	--
		0 - 1.5	9/28/2009	--	--	**2.4**	**20**	--	**5.64 J-**	**2.55**	**7.7**	**10.3 J**	**9,640**	**332**	**0.093**	--	--	**290**
		9.5 - 11	9/28/2009	--	--	--	--	--	**0.866 J-**	**2.74**	**6.3**	**9 J**	**7,170**	**291**	**0.101**	--	--	<0.88
	SA-135	0.5 - 1	9/16/2009	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
		1 - 2.5	9/08/2009	--	--	**0.369 JK**	**1.89 J**	**13.7**	**7.76**	**2.61**	**7**	**12.3**	**8,350**	**351**	**0.147**	--	--	**15 J**
	SA-148	9.5 - 11	9/23/2009	--	--	--	--	--	**45.1**	**2.71**	**6.9**	**8.2**	**9,110 J**	**320**	**0.093 J**	<0.90	<0.90	<0.88
	SA-169	9.5 - 11.5	10/02/2009	--	--	--	--	--	**365**	**4.15**	**7.1**	**19.7 J**	**9,680**	**455**	**0.187 J**	--	--	**190**
	SA-190	0	10/02/2009	0	**1**	--	--	--	--	--	--	--	--	--	--	--	--	--
		0 - 1.5	9/30/2009	--	--	**2.6**	**17**	--	**2.33**	**3.69 J**	**8.1**	**77.2 J**	**12,200**	**662**	**0.113 J**	--	--	**42 J**
		9.5 - 11	9/30/2009	--	--	--	--	--	**2.66**	**3.8 J**	**6.5**	**7.4 J**	**11,100**	**278**	**0.067 J**	--	--	<0.89
	SA-191	0 - 0.5	8/07/2009	0	**25**	--	--	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 2	9/29/2009	--	--	**0.079 JK**	**0.22 J**	--	**5.03 J**	**2.24**	**7.6**	**10**	**10,400**	**474 J+**	**0.114**	<0.88	**1.2 J**	<0.86
		10 - 11.5	9/29/2009	--	--	--	--	--	**3.88 J**	**3.15**	**7.5**	**8.8**	**11,400**	**370 J+**	**0.086**	<0.90	<0.90	<0.88
	SA-192	0.5 - 1	8/07/2009	**1**	**3**	--	--	--	--	--	--	--	--	--	--	--	--	--
		1 - 2.5	10/07/2009	--	--	<0.51	<2.5	--	**0.481**	**2.09**	**9.8**	**12.1**	**9,190**	**502**	**0.122**	<0.90	<0.90	<0.88
	SA-193	0	8/07/2009	**1**	**1**	--	--	--	--	--	--	--	--	--	--	--	--	--
		0 - 1	9/29/2009	--	--	**19**	**55**	--	**0.975 J-**	**3.93**	**5.8**	**25.2**	**13,000**	**410 J+**	**0.07**	--	--	**190**
		1.5 - 3	9/29/2009	--	--	**1.3**	**3.0**	--	**3.68 J**	**2.95**	**5.6**	**8.6**	**14,600**	**259 J+**	**0.102**	--	--	**16**
		9 - 10.5	9/29/2009	--	--	--	--	--	**1.43 J-**	**2.29**	**6.4**	**9.3**	**8,890**	**316 J+**	**0.079**	--	--	<0.88
			9/29/2009 (FD)	--	--	--	--	--	**0.939 J-**	**2.52**	**6.8**	**8.9**	**8,310**	**307 J+**	**0.086**	--	--	<0.88
	SA-205	1 - 2.5	9/24/2009	--	--	<0.52	**0.84 JK**	--	**0.27 J-**	**2.41**	**6.4**	**10.2**	**9,450**	**305 J**	**0.078**	0.92 UJ	**5.4 J-**	**12**
	SA-209	0 - 0.5	8/07/2009	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 2	9/28/2009	--	--	**0.19 JK**	**0.72 JK**	--	**9.51 J-**	**2.75**	**7.4**	**9.3 J**	**9,290**	**352**	**0.092**	<0.90	<0.90	<0.87
		10 - 11.5	9/28/2009	--	--	--	--	--	**1.43 J-**	**3.65**	**7.2**	**8 J**	**9,190**	**363**	**0.089**	<0.91	**0.97 J**	<0.88
			9/28/2009 (FD)	--	--	--	--	--	**1.49 J-**	**2.67**	**7.5**	**7.8 J**	**9,840**	**318**	**0.072**	<0.91	<0.91	<0.88
	SA-213	0.5 - 1	10/13/2009	0	**8**	--	--	--	--	--	--	--	--	--	--	--	--	--
		1 - 2.5	9/29/2009	--	--	**0.17 JK**	**0.42 J**	--	0.045 UJ	**2.46**	**7.1**	**10**	**9,250**	**320 J+**	**0.234**	--	--	**8.5**
Pre-Excavation	RSAQ3	1.5 - 2.5	4/28/2010	--	--	**2.1 J**	**6.5 J**	**47**	--	**3.7**	--	--	--	--	--	--	--	<31
		2.5 - 3.5	4/06/2010	--	--	**0.038 JK**	**0.15 J**	**0.19**	--	**3.2**	--	--	--	--	--	--	--	<32

TABLE 4-1b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA GROUP BW
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231	231
Pre-Excavation	RSAQ3	2.5 - 3.5	4/06/2010 (FD)	--	--	<0.070	**0.20 JK**	**0.27**	--	**3.4**	--	--	--	--	--	--	--	<30
		4.5 - 5.5	4/06/2010	--	--	--	--	--	--	**4.3**	--	--	--	--	--	--	--	<31
	RSAR4	0.5	4/08/2010	0	**5**	--	--	--	--	--	--	--	--	--	--	--	--	--
	SA-4	4 - 5	4/13/2010	--	--	--	--	--	--	**21**	--	--	--	--	--	--	--	--
		6 - 7	4/13/2010	--	--	--	--	--	--	**11**	--	--	--	--	--	--	--	--
		8 - 9	4/13/2010	--	--	--	--	--	--	**14**	--	--	--	--	--	--	--	--
	SA84W	9.5	4/07/2010	--	--	--	--	--	--	**6.4**	--	--	--	--	--	--	--	--
	SA-111	0.5	4/08/2010	0	**13**	--	--	--	--	--	--	--	--	--	--	--	--	--
		1	5/19/2010	0	**9 J**	--	--	--	--	--	--	--	--	--	--	--	--	--
			5/26/2010	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
	SA-191	0.5	4/08/2010	0	**2 J**	--	--	--	--	--	--	--	--	--	--	--	--	--
	SA-203	5 - 5.5	4/07/2010	--	--	--	--	--	--	**11**	--	--	--	--	--	--	--	--
		6.5 - 7.5	4/07/2010	--	--	--	--	--	--	**8.9**	--	--	--	--	--	--	--	--
		8.5 - 9.5	4/07/2010	--	--	--	--	--	--	**8.7**	--	--	--	--	--	--	--	--
	SSAQ3-02	0	9/08/2010	--	--	**0.13 JK**	**0.47 JK**	**4.2**	--	**3.1**	--	--	--	--	--	--	--	<32
			9/08/2010 (FD)	--	--	**0.11 JK**	**0.54 J**	**4.5**	--	**3.4**	--	--	--	--	--	--	--	<31
	SSAQ3-03	0	8/09/2010	--	--	--	--	--	--	**4.5**	--	--	--	--	--	--	--	<150
		2.5 - 3.5	8/09/2010	--	--	--	--	--	--	**3.6**	--	--	--	--	--	--	--	**130 J**
		7.5 - 8.5	8/09/2010	--	--	--	--	--	--	**3.3**	--	--	--	--	--	--	--	**57 J**
	SSAQ4-06	0	10/08/2010	0	**1**	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAQ4-08	1.5 - 2.5	8/09/2010	--	--	**1.9**	**3.6**	**100**	--	**5.0**	--	--	--	--	--	--	--	**150 J**
		5.5 - 6.5	8/09/2010	--	--	--	--	--	--	**45 J-**	--	--	--	--	--	--	--	--
		6.5 - 7.5	8/09/2010	--	--	**3.6**	**17**	**330**	--	**15**	--	--	--	--	--	--	--	**450**
			8/09/2010 (FD)	--	--	**2.7**	**12**	**290**	--	**14**	--	--	--	--	--	--	--	**470**
	SSAQ4-09	0	8/05/2010	0	**4 J**	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAQ4-10	0.5 - 1.5	8/09/2010	--	--	--	--	--	--	**10**	--	--	--	--	--	--	--	--
		1.5 - 2.5	8/09/2010	--	--	--	--	--	--	**10**	--	--	--	--	--	--	--	--
		2.5 - 3.5	8/09/2010	--	--	--	--	--	--	**8.3**	--	--	--	--	--	--	--	--
		3.5 - 4.5	8/09/2010	--	--	--	--	--	--	**3.9**	--	--	--	--	--	--	--	--
		4.5 - 5.5	8/09/2010	--	--	--	--	--	--	**5.3**	--	--	--	--	--	--	--	--
		9.5 - 10.5	8/09/2010	--	--	--	--	--	--	**3.8**	--	--	--	--	--	--	--	--
	SSAR3-01	0	5/26/2010	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
		1 - 2	5/25/2010	--	--	**0.083 JK**	**0.32 JK**	**2.0**	--	**4.8**	--	--	--	--	--	--	--	<31
		2 - 3	6/24/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<35
		3 - 4	6/24/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<31
		4 - 5	6/24/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<31
		5 - 6	5/25/2010	--	--	--	--	--	--	**5.0**	--	--	--	--	--	--	--	<32
	SSAR4-01	0	4/08/2010	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAR4-04	0 - 1	6/24/2010	--	--	<0.048	**0.31 J**	**0.54**	**850**	**2.5 J**	--	--	--	--	--	--	--	<31
			6/24/2010 (FD)	--	--	<0.064	**0.27 J**	**0.40**	**1,100**	**3.3 J**	--	--	--	--	--	--	--	<29
		2 - 2.5	6/24/2010	--	--	<0.13	**0.17 JK**	**0.51**	--	--	--	--	--	--	--	--	--	--
		2 - 3	6/24/2010	--	--	<0.075	**0.18 JK**	**0.28**	**1,100**	**3.2**	--	--	--	--	--	--	--	<31
		4 - 5	6/24/2010	--	--	--	--	--	**1,200**	**3.1**	--	--	--	--	--	--	--	<31
		6 - 7	6/24/2010	--	--	--	--	--	**1,400**	**3.0**	--	--	--	--	--	--	--	<31
		8 - 9	6/24/2010	--	--	--	--	--	**1,500**	**3.0**	--	--	--	--	--	--	--	<31
		9 - 10	6/24/2010	--	--	--	--	--	**1,200**	--	--	--	--	--	--	--	--	--
	SSAR5-01	0	4/08/2010	0	**4**	--	--	--	--	--	--	--	--	--	--	--	--	--
Phase 2 RI	RI-22	1 - 1.5	5/04/2017	--	--	<0.035	**0.54 J**	**3.1**	**58**	**260**	**8.8**	**35 J**	**13,000 J**	**460 J**	<0.50	<2.1	--	<73
		5 - 5.5	5/04/2017	--	--	<0.024	**0.15 J**	**0.19**	**3.3**	**19**	**8.8**	**11 J**	**11,000 J**	**500 J**	<0.51	<4.4	--	<75
		10 - 10.5	5/04/2017	--	--	<0.029	**0.12 J**	**0.11**	**0.48**	**6.2**	**8.9**	**8.9 J**	**12,000 J**	**450 J**	<0.52	<4.6	--	<75

TABLE 4-1b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA GROUP BW
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
		HSSL:		0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231	231
Phase 2 RI	RI-27	1 - 1.5	5/19/2017	--	--	**0.38 J**	**1.0 J**	**4.1**	**14**	**5.3**	**6.5**	**21**	**31,000**	**290**	<0.52	<2.1	--	<150
		5 - 5.5	5/19/2017	--	--	<0.023	**0.31 J**	**0.32**	**53**	**5.0**	**8.7**	**8.5**	**12,000**	**350**	<0.50	<2.2	--	<160
		10 - 10.5	5/19/2017	--	--	<0.028	**0.33 J**	**0.69**	**67**	**4.7**	**8.7**	**14**	**14,000**	**420**	<0.50	<2.2	--	<160
	RI-28	1 - 1.5	6/14/2017	--	--	**1.9 J**	**6.5 J**	**62**	**0.025 J-**	**5.5**	**9.1**	**110**	**10,000**	**890**	<0.48	<2.1	--	**1,600 J**
		5 - 5.5	6/14/2017	--	--	<0.053	**1.5 J**	**8.5**	<0.010	**3.6**	**8.8**	**11**	**7,100**	**580**	<0.50	<2.1	--	<74
		10 - 10.5	6/14/2017	--	--	**0.73 J**	**2.8 J**	**23**	**0.035 J-**	**5.2**	**9.9**	**20**	**11,000**	**910**	<0.52	<2.2	--	<76

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram
pg/g: picograms per gram
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

TABLE 4-2a. STATISTICAL SUMMARY OF ECA GROUP BC SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
General Chemistry	Ammonia	mg/kg	27,900	BCL	--	--	--	--	40	13	10	25	<0.097	<2.7	0.13 J	26	3.5	5.2	7.6	1.5	SA-161	0	--
	Bicarbonate as HCO_3	mg/kg	--	--	--	--	--	--	11	4	11	100	--	--	8,700	93,000	51,000	48,000	22,000	0.46	M-192	--	--
	Bromide	mg/kg	--	--	--	--	--	--	26	11	2	7.7	<0.2	<3.9	8.3	11	9.7	9.7	1.9	0.2	M-192	--	--
	Carbonate as CO_3	mg/kg	--	--	--	--	--	--	27	11	26	96.3	<3	<3	12 J	2,000	170	760	820	1.1	M-191	--	--
	Chlorate	mg/kg	38,900	BCL	--	--	--	--	36	13	32	88.9	<0.044	<0.053	0.054 J	2,300	20	210	470	2.2	M-191	0	--
	Chloride	mg/kg	--	--	--	--	--	--	26	11	26	100	--	--	3.8 J	580	32	130	180	1.4	M-191	--	--
	Cyanide (total)	mg/kg	164	BCL	--	--	--	--	11	6	0	0	<0.42	<0.5	--	--	--	--	--	--	--	--	--
	Hydroxide	mg/kg	--	--	--	--	--	--	11	4	0	0	<180	<190	--	--	--	--	--	--	--	--	--
	Nitrate (as NO_3)	mg/kg	100,000	BCL	--	--	--	--	35	13	29	82.9	<3.7	<3.9	4.4 J	150 J	7.8	15	28	1.8	SA-161	0	--
	Nitrate Nitrite as N	mg/kg	--	--	--	--	--	--	13	5	10	76.9	<1.2	<1.2	1.3 J	11	3.1	4.4	3.2	0.74	M-189	--	--
	Nitrite	mg/kg	120,000	RSL	--	--	--	--	29	12	10	34.5	<0.08	<1.2	0.08 J	4.7	3	2.5	1.8	0.74	M-192	0	--
	Perchlorate	mg/kg	908	BCL	--	--	--	--	263	53	261	99.2	<0.044	<0.044	0.020 J	56,000	12	490	4,100	8.5	RSAR7	10	62
	ortho-Phosphate	mg/kg	--	--	--	--	--	--	10	4	0	0	<4.2	<4.4	--	--	--	--	--	--	--	--	--
	Sulfate	mg/kg	--	--	--	--	--	--	32	12	32	100	--	--	16	16,900 J	90	650	3,000	4.6	SA-133	--	--
Metals	Aluminum	mg/kg	100,000	BCL	7,340	11,400	3,740 J	15,300 J	27	11	27	100	--	--	3,500	14,000	9,200	9,300	2,100	0.23	M-191	0	--
	Antimony	mg/kg	3,450	BCL	0.5 UJ	3.4	0.12 J-	0.5 J-	27	11	9	33.3	0.5 UJ	<0.56	0.5 J	1.8 J	1.2	1.1	0.41	0.38	SA-208	0	--
	Arsenic	mg/kg	7.2	SS	1.6	4.25	2.5	7.2 J	60	26	60	100	--	--	1.53	12	3.3	3.7	2	0.53	SSAQ6-02	5	1.7
	Barium	mg/kg	100,000	BCL	111	213	73	445 J	30	12	30	100	--	--	71	260	170	170	38	0.22	M-191	0	--
	Beryllium	mg/kg	6,130	BCL	0.362	0.588 J	0.16 J	0.89	16	7	16	100	--	--	0.375	0.596	0.45	0.46	0.065	0.14	RSAR6	0	--
	Boron	mg/kg	100,000	BCL	3.6 J	11.7	<3.2	11.6 J+	30	12	30	100	--	--	5.6 J	28	8.4	11	5.4	0.5	M-192	0	--
	Cadmium	mg/kg	8,180	BCL	<0.04	0.48	<0.129	<0.129	30	12	16	53.3	<0.04	<0.52	0.04 J	0.91	0.31	0.37	0.22	0.61	RSAR6	0	--
	Calcium	mg/kg	--	--	--	--	9,440	82,800 J	16	7	16	100	--	--	11,900 J	41,600	25,000	26,000	7,300	0.28	SA-125	--	--
	Chromium (total)	mg/kg	--	--	5.57	10.7 J	2.6	16.7	233	45	230	98.7	<2.6	<5.2	2.8 J	330 J	24	34	34	1	M-191	--	--
	Chromium VI	mg/kg	564	BCL	<0.18	0.29 J	<0.25	<0.32	234	45	173	73.9	<0.16	<0.43	0.17 J	62	1.1	4.9	9.1	1.9	U4U5-21	0	--
	Cobalt	mg/kg	385	BCL	5.4	9.1	3.7 J	16.3 J	30	12	30	100	--	--	1.8 J	11.1	7.8	7.9	1.8	0.22	RSAR7	0	--
	Copper	mg/kg	51,900	BCL	15.8	140	10.2	25.9 J	30	12	30	100	--	--	7.1	50 J	21	22	6.6	0.31	M-191	0	--
	Iron	mg/kg	100,000	BCL	11,300	20,600	5,410	19,700	30	12	30	100	--	--	5,000	25,000	17,000	17,000	3,900	0.23	M-191	0	--
	Lead	mg/kg	800	BCL	7.1	72.8	3 J	35.1	30	12	30	100	--	--	6.0	86 J	10	17	17	1	M-191	0	--
	Magnesium	mg/kg	100,000	BCL	7,700	13,000	4,690 J	17,500 J	32	14	32	100	--	--	6,330	58,000	10,000	12,000	8,800	0.71	M-192	0	--
	Manganese	mg/kg	100,000	BCL	262	537	151	863 J	32	14	32	100	--	--	180	1,700	380	530	360	0.68	SSAQ6-02	0	--
	Mercury	mg/kg	3.13	BCL	0.006 J	0.362	<0.0072	0.11	30	12	27	90	<0.013	<0.013	0.006 J	0.78	0.019	0.1	0.21	2	M-191	0	--
	Molybdenum	mg/kg	6,490	BCL	<0.31	32.7	0.3 J	2	30	12	19	63.3	<1.1	<2.1	0.2 J	3.3	0.49	0.82	0.85	1	M-191	0	--
	Nickel	mg/kg	50,300	BCL	12.7	21.4	7.9 J	30 J	30	12	30	100	--	--	5.8	30	17	17	3.9	0.23	RI-23	0	--
	Niobium	mg/kg	130	BCL	--	--	1.01 UJ-	1.01 UJ-	8	4	0	0	<1.7	2.0 UJ	--	--	--	--	--	--	--	--	--
	Palladium	mg/kg	--	--	--	--	0.16	1.5	8	4	0	0	<0.049	<0.058	--	--	--	--	--	--	--	--	--
	Phosphorus (total)	mg/kg	100,000	BCL	--	--	862	2,010	30	12	30	100	--	--	360	1,300	910	900	180	0.2	RI-23	0	--
	Platinum	mg/kg	5,190	BCL	0.006 J	<0.11	<0.0435	0.099 J	16	7	16	100	--	--	0.007 J	0.054 J	0.01	0.013	0.012	0.89	RSAR7	0	--
	Potassium	mg/kg	--	--	1,450	4,210	625	3,890	16	7	16	100	--	--	1,550	6,930 J	2,400	2,900	1,400	0.49	SA-32	--	--
	Selenium	mg/kg	6,490	BCL	<0.7	<4.3	<0.158	0.6	27	11	4	14.8	<0.52	<0.8	1 J	1.8 J	1.2	1.3	0.36	0.27	SA-133	0	--
	Silicon	mg/kg	--	--	--	--	335 J	4,150	11	4	11	100	--	--	74 J	510 J-	180	190	130	0.69	M-192	--	--
	Silver	mg/kg	100,000	BCL	<0.2	<0.2	<0.261	<0.261	30	12	2	6.7	<0.2	<1.6	1.1 J	4 J	2.5	2.5	2.1	0.8	RSAR7	0	--
	Sodium	mg/kg	--	--	307	1,050	128	1,320	16	7	16	100	--	--	423	5,660	1,400	2,000	1,500	0.74	SA-124	--	--
	Strontium	mg/kg	100,000	BCL	129	339	75.5	808 J	29	12	29	100	--	--	104	990 J	190	220	160	0.72	RI-23	0	--
	Sulfur	mg/kg	--	--	--	--	--	--	8	4	6	75	<400	<440	490 J	1,500 J+	880	930	370	0.4	M-192	--	--
	Thallium	mg/kg	13	BCL	0.071	0.193 J	<0.543	1.8	27	11	17	63	<0.26	<0.28	0.071	0.37 J	0.098	0.11	0.068	0.6	M-191	0	--
	Tin	mg/kg	100,000	BCL	<10.2	<11	0.24 J	0.8 J	16	7	16	100	--	--	3.5 J	8.1 J	4.5	4.8	1.2	0.24	SA-30	0	--
	Titanium	mg/kg	100,000	BCL	480	1,080	262	1,010 J	16	7	16	100	--	--	601 J	1,160	900	880	170	0.19	RSAR6	0	--
	Tungsten	mg/kg	1,040	BCL	<0.11	0.62	0.0175 UJ	0.0175 UJ	29	12	16	55.2	2.7 UJ	<10	0.069 J	0.36	0.17	0.18	0.079	0.45	RSAR7	0	--
	Uranium (total)	mg/kg	3,830	BCL	0.655	1.94	0.62 J	2.7	24	11	24	100	--	--	0.44 J	1.83	0.98	1	0.32	0.32	RSAR6	0	--
	Vanadium	mg/kg	100,000	BCL	28	54.9	20.2	59.1 J	19	8	19	100	--	--	36.4	74	53	52	9.5	0.18	RI-23	0	--
	Zinc	mg/kg	100,000	BCL	25.8	254	15.4	121	27	11	27	100	--	--	19	140 J	36	39	21	0.52	M-191	0	--
	Zirconium	mg/kg	104	BCL	--	--	86.1 J	179 J	13	5	13	100	--	--	7.9 J	34 J	25	24	6.3	0.26	M-191	0	--
Radionuclides	Radium-226	pCi/g	0.023	BCL	--	--	0.494 J	2.36	33	13	33	100	--	--	0.340	1.21	0.93	0.86	0.25	0.29	SA-30	33	53
	Radium-228	pCi/g	0.046	BCL	--	--	0.946 U	2.92	33	13	33	100	--	--	0.367	1.92	0.99	1	0.42	0.4	SA-30	33	42
	Thorium-228	pCi/g	0.026	BCL	--	--	1.15	2.28	33	13	33	100	--	--	0.178	2.09	1.6	1.6	0.35	0.22	U4U5-4	33	80
	Thorium-230	pCi/g	14	BCL	--	--	0.73 J	3.01	33	13	33	100	--	--	0.495 J	1.76	0.95	0.97	0.21	0.21	M-191	0	--

TABLE 4-2a. STATISTICAL SUMMARY OF ECA GROUP BC SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Radionuclides	Thorium-232	pCi/g	13	BCL	--	--	1.22	2.23	33	13	33	100	--	--	0.143	2.16	1.4	1.4	0.34	0.24	M-191	0	--
	Uranium-234	pCi/g	18	BCL	--	--	0.63 U	2.84	33	13	33	100	--	--	0.305	1.34	0.98	1	0.22	0.22	U4U5-2	0	--
	Uranium-235	pCi/g	0.33	BCL	--	--	0.0009	0.21 J	33	13	33	100	--	--	-0.0185 U	0.123 J	0.048	0.052	0.032	0.6	U4U5-2	0	--
	Uranium-238	pCi/g	1.5	BCL	--	--	0.65 J	2.37	33	13	33	100	--	--	0.250	1.26	1	0.98	0.18	0.19	SA-133	0	--
VOCs	Acetone	µg/kg	100,000,000	BCL	--	--	--	--	234	45	20	8.5	<1.5	20 UJ	2.8 J	48	12	15	12	0.8	U4U5-69	0	--
	t-Amyl methyl ether	µg/kg	--	--	--	--	--	--	234	45	0	0	<0.11	<2.5	--	--	--	--	--	--	--	--	--
	Benzene	µg/kg	5,310	BCL	--	--	--	--	234	45	0	0	<0.43	<2.5	--	--	--	--	--	--	--	--	--
	Bromobenzene	µg/kg	679,000	BCL	--	--	--	--	234	45	0	0	<0.39	<2.5	--	--	--	--	--	--	--	--	--
	Bromochloromethane	µg/kg	628,000	BCL	--	--	--	--	234	45	0	0	<0.39	<2.5	--	--	--	--	--	--	--	--	--
	Bromodichloromethane	µg/kg	1,300	BCL	--	--	--	--	234	45	0	0	<0.48	<2.5	--	--	--	--	--	--	--	--	--
	Bromoform	µg/kg	95,300	BCL	--	--	--	--	234	45	0	0	<0.40	<4.9	--	--	--	--	--	--	--	--	--
	Bromomethane	µg/kg	30,300	BCL	--	--	--	--	234	45	0	0	<0.56	<2.5	--	--	--	--	--	--	--	--	--
	2-Butanone	µg/kg	28,400,000	BCL	--	--	--	--	234	45	10	4.3	<0.71	<12	0.96 J	2.6 J	1.6	1.7	0.62	0.37	SA-124	0	--
	n-Butylbenzene	µg/kg	108,000	BCL	--	--	--	--	234	45	1	0.4	<0.56	<2.5	0.87 J	0.87 J	0.87	0.87	--	--	U4U5-47	0	--
	sec-Butylbenzene	µg/kg	145,000	BCL	--	--	--	--	234	45	0	0	<0.56	<2.5	--	--	--	--	--	--	--	--	--
	tert-Butylbenzene	µg/kg	183,000	BCL	--	--	--	--	234	45	0	0	0.52 UJ	<2.5	--	--	--	--	--	--	--	--	--
	Carbon tetrachloride	µg/kg	2,960	BCL	--	--	--	--	234	45	0	0	<0.43	<2.5	--	--	--	--	--	--	--	--	--
	Chlorobenzene	µg/kg	1,370,000	BCL	--	--	--	--	234	45	0	0	<0.45	<2.5	--	--	--	--	--	--	--	--	--
	Chloroethane	µg/kg	2,120,000	BCL	--	--	--	--	234	45	0	0	<0.45	<4.9	--	--	--	--	--	--	--	--	--
	Chloroform	µg/kg	1,390	BCL	--	--	--	--	234	45	162	69.2	<0.41	<1.5	0.49 J	210 J-	4	9.1	19	2.1	U4U5-39	0	--
	Chloromethane	µg/kg	464,000	BCL	--	--	--	--	234	45	0	0	0.54 UJ	<2.5	--	--	--	--	--	--	--	--	--
	2-Chlorotoluene	µg/kg	907,000	BCL	--	--	--	--	234	45	0	0	<0.56	<2.5	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	µg/kg	26,000,000	BCL	--	--	--	--	234	45	0	0	<0.51	<2.5	--	--	--	--	--	--	--	--	--
	Cumene	µg/kg	10,400,000	BCL	--	--	--	--	234	45	0	0	<0.47	<2.5	--	--	--	--	--	--	--	--	--
	p-Cymene	µg/kg	147,000	BCL	--	--	--	--	234	45	0	0	<0.48	<2.5	--	--	--	--	--	--	--	--	--
	1,2-Dibromo-3-chloropropane	µg/kg	64.9	BCL	--	--	--	--	234	45	0	0	<0.65	4.9 UJ	--	--	--	--	--	--	--	--	--
	Dibromochloromethane	µg/kg	43,300	BCL	--	--	--	--	234	45	0	0	<0.31	<2.5	--	--	--	--	--	--	--	--	--
	1,2-Dibromoethane	µg/kg	168	BCL	--	--	--	--	234	45	0	0	<0.29	<2.5	--	--	--	--	--	--	--	--	--
	Dibromomethane	µg/kg	98,900	BCL	--	--	--	--	234	45	0	0	<0.31	<2.5	--	--	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	µg/kg	376,000	BCL	--	--	--	--	234	45	0	0	<0.37	<2.5	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	µg/kg	373,000	BCL	--	--	--	--	234	45	0	0	<0.48	<2.5	--	--	--	--	--	--	--	--	--
	1,4-Dichlorobenzene	µg/kg	11,500	BCL	--	--	--	--	234	45	0	0	<0.48	<2.5	--	--	--	--	--	--	--	--	--
	Dichlorodifluoromethane	µg/kg	368,000	BCL	--	--	--	--	234	45	0	0	0.49 UJ	<4.9	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethane	µg/kg	15,800	BCL	--	--	--	--	234	45	0	0	<0.43	<2.5	--	--	--	--	--	--	--	--	--
	1,2-Dichloroethane	µg/kg	2,100	BCL	--	--	--	--	234	45	0	0	<0.33	<2.5	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethene	µg/kg	20,000	BCL	--	--	--	--	234	45	0	0	<0.35	<2.5	--	--	--	--	--	--	--	--	--
	cis-1,2-Dichloroethene	µg/kg	400,000	BCL	--	--	--	--	234	45	0	0	<0.29	<2.5	--	--	--	--	--	--	--	--	--
	trans-1,2-Dichloroethene	µg/kg	304,000	BCL	--	--	--	--	234	45	0	0	<0.48	<2.5	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	µg/kg	11,700	BCL	--	--	--	--	234	45	0	0	<0.37	<2.5	--	--	--	--	--	--	--	--	--
	1,3-Dichloropropane	µg/kg	26,000,000	BCL	--	--	--	--	234	45	0	0	<0.34	<2.5	--	--	--	--	--	--	--	--	--
	2,2-Dichloropropane	µg/kg	--	--	--	--	--	--	234	45	0	0	<0.31	<2.5	--	--	--	--	--	--	--	--	--
	1,1-Dichloropropene	µg/kg	--	--	--	--	--	--	234	45	0	0	<0.38	<2.5	--	--	--	--	--	--	--	--	--
	cis-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	234	45	0	0	<0.32	<2.5	--	--	--	--	--	--	--	--	--
	trans-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	234	45	0	0	<0.35	<2.5	--	--	--	--	--	--	--	--	--
	Diisopropyl ether	µg/kg	2,260,000	BCL	--	--	--	--	234	45	0	0	<0.23	<2.5	--	--	--	--	--	--	--	--	--
	Ethyl benzene	µg/kg	26,600	BCL	--	--	--	--	234	45	0	0	<0.48	<2.5	--	--	--	--	--	--	--	--	--
	Ethyl tert-butyl ether	µg/kg	560,000	RSL	--	--	--	--	234	45	0	0	<0.23	<2.5	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	µg/kg	5,610	BCL	--	--	--	--	234	45	0	0	<0.56	<2.5	--	--	--	--	--	--	--	--	--
	2-Hexanone	µg/kg	1,490,000	BCL	--	--	--	--	234	45	0	0	<0.67	<12	--	--	--	--	--	--	--	--	--
	Methyl tert-butyl ether	µg/kg	217,000	BCL	--	--	--	--	234	45	0	0	<0.29	<2.5	--	--	--	--	--	--	--	--	--
	Methylene Chloride	µg/kg	1,130,000	BCL	--	--	--	--	234	45	0	0	<0.36	<12	--	--	--	--	--	--	--	--	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	234	45	5	2.1	0.85 UJ	<4.9	1.7 J	12	2.1	4.1	4.4	1.1	U4U5-30	0	--
	4-Methyl-2-pentanone	µg/kg	3,360,000	BCL	--	--	--	--	234	45	0	0	<0.61	6.1 UJ	--	--	--	--	--	--	--	--	--
	n-Propylbenzene	µg/kg	264,000	BCL	--	--	--	--	234	45	0	0	<0.48	<2.5	--	--	--	--	--	--	--	--	--
	Styrene	µg/kg	867,000	BCL	--	--	--	--	234	45	3	1.3	<0.43	<2.5	1.0 J	1.6 J	1.5	1.4	0.32	0.24	U4U5-25	0	--
	1,1,1,2-Tetrachloroethane	µg/kg	9,070	BCL	--	--	--	--	234	45	0	0	<0.27	<2.5	--	--	--	--	--	--	--	--	--

TABLE 4-2a. STATISTICAL SUMMARY OF ECA GROUP BC SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	1,1,2,2-Tetrachloroethane	µg/kg	2,910	BCL	--	--	--	--	234	45	0	0	<0.38	<2.5	--	--	--	--	--	--	--	--	--
	Tetrachloroethene	µg/kg	107,000	BCL	--	--	--	--	234	45	4	1.7	<0.46	<2.5	0.70 J	4.5	2.4	2.5	1.6	0.63	U4U5-39	0	--
	Toluene	µg/kg	818,000	BCL	--	--	--	--	234	45	12	5.1	<0.33	<2.5	0.44 J	1.3 J	0.66	0.74	0.28	0.38	SA-124	0	--
	1,2,3-Trichlorobenzene	µg/kg	151,000	BCL	--	--	--	--	234	45	1	0.4	<0.56	<2.5	0.89 J	0.89 J	0.89	0.89	--	--	U4U5-47	0	--
	1,2,4-Trichlorobenzene	µg/kg	125,000	BCL	--	--	--	--	234	45	0	0	<0.56	<2.5	--	--	--	--	--	--	--	--	--
	1,1,1-Trichloroethane	µg/kg	640,000	BCL	--	--	--	--	234	45	0	0	<0.20	<2.5	--	--	--	--	--	--	--	--	--
	1,1,2-Trichloroethane	µg/kg	5,280	BCL	--	--	--	--	234	45	0	0	<0.48	<2.5	--	--	--	--	--	--	--	--	--
	Trichloroethene	µg/kg	6,310	BCL	--	--	--	--	234	45	4	1.7	<0.38	<2.5	2.2	4.0	3	3.1	0.82	0.27	U4U5-29	0	--
	Trichlorofluoromethane	µg/kg	1,230,000	BCL	--	--	--	--	234	45	1	0.4	<0.31	<2.5	0.4 J	0.4 J	0.4	0.4	--	--	RSAR6	0	--
	1,2,3-Trichloropropane	µg/kg	121	BCL	--	--	--	--	234	45	0	0	<0.50	<2.5	--	--	--	--	--	--	--	--	--
	1,2,4-Trimethylbenzene	µg/kg	219,000	BCL	--	--	--	--	234	45	0	0	<0.56	<2.5	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	µg/kg	182,000	BCL	--	--	--	--	234	45	0	0	<0.49	<2.5	--	--	--	--	--	--	--	--	--
	Vinyl chloride	µg/kg	1,870	BCL	--	--	--	--	234	45	0	0	<0.44	<2.5	--	--	--	--	--	--	--	--	--
	m,p-Xylene	µg/kg	--	--	--	--	--	--	234	45	0	0	<0.87	<4.9	--	--	--	--	--	--	--	--	--
	o-Xylene	µg/kg	434,000	BCL	--	--	--	--	234	45	0	0	<0.48	<2.5	--	--	--	--	--	--	--	--	--
	Xylenes (total)	µg/kg	260,000	BCL	--	--	--	--	204	33	0	0	<1.1	<4.9	--	--	--	--	--	--	--	--	--
	tert Butyl alcohol	µg/kg	7,270,000	BCL	--	--	--	--	234	45	0	0	<5.6	<25	--	--	--	--	--	--	--	--	--
SVOCs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	55	22	1	1.8	<1.1	<150	5.4 J	5.4 J	5.4	5.4	--	--	RSAR7	0	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	55	22	1	1.8	<0.78	<160	28 J	28 J	28	28	--	--	SSAQ6-02	0	--
	Aniline	µg/kg	619,000	BCL	--	--	--	--	12	5	0	0	89 UJ	<200	--	--	--	--	--	--	--	--	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	55	22	6	10.9	<1.3	<180	1.8 J	48 J	7.5	14	18	1.3	SSAQ6-02	0	--
	Benzidine	µg/kg	15.3	BCL	--	--	--	--	12	5	0	0	690 UJ	1,500 UJ	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	55	22	17	30.9	<0.61	<160	1.1 J	650	17	120	180	1.5	SSAQ6-02	0	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	55	22	15	27.3	<0.72	<150	5.1 J	550	27	130	170	1.3	SSAQ6-02	0	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	55	22	15	27.3	<1.2	<160	5.8 J	1,600 J	36	340	520	1.5	SSAQ6-02	0	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	55	22	17	30.9	<1.3	<250	3.7 J	650	23	140	210	1.5	M-191	0	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	55	22	11	20	<0.88	<220	5.1 J	430	22	86	140	1.6	M-191	0	--
	Benzoic acid	µg/kg	100,000,000	BCL	--	--	--	--	12	5	0	0	<360	<780	--	--	--	--	--	--	--	--	--
	Benzyl alcohol	µg/kg	91,200,000	BCL	--	--	--	--	12	5	0	0	<160	<340	--	--	--	--	--	--	--	--	--
	4-Bromophenyl-phenyl ether	µg/kg	--	--	--	--	--	--	12	5	0	0	<79	<170	--	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	µg/kg	1,860,000	BCL	--	--	--	--	55	22	2	3.6	<2.5	<230	4.3 J	110 J	57	57	75	1.3	SSAQ6-02	0	--
	4-Chloroaniline	µg/kg	17,600	BCL	--	--	--	--	12	5	0	0	<140	<310	--	--	--	--	--	--	--	--	--
	2-Chloronaphthalene	µg/kg	175,000	BCL	--	--	--	--	12	5	0	0	<70	<150	--	--	--	--	--	--	--	--	--
	2-Chlorophenol	µg/kg	6,490,000	BCL	--	--	--	--	12	5	0	0	<73	<160	--	--	--	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	µg/kg	--	--	--	--	--	--	12	5	0	0	<89	<200	--	--	--	--	--	--	--	--	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	55	22	17	30.9	<1.1	<170	1.5 J	950 J	39	180	280	1.6	SSAQ6-02	0	--
	Di-n-butylphthalate	µg/kg	91,200,000	BCL	--	--	--	--	55	22	13	23.6	<30	<210	32 J	80 J	47	51	15	0.3	SSAQ6-02	0	--
	Di-n-octylphthalate	µg/kg	9,120,000	BCL	--	--	--	--	55	22	1	1.8	<1.2	<210	86 J	86 J	86	86	--	--	SSAR6-06	0	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	55	22	8	14.5	<0.82	<230	1.8 J	170 J	8	44	63	1.4	M-191	0	--
	Dibenzofuran	µg/kg	171,000	BCL	--	--	--	--	12	5	0	0	<70	<150	--	--	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	µg/kg	7,840	BCL	--	--	--	--	12	5	0	0	<160	<340	--	--	--	--	--	--	--	--	--
	2,4-Dichlorophenol	µg/kg	2,740,000	BCL	--	--	--	--	12	5	0	0	<70	<150	--	--	--	--	--	--	--	--	--
	Diethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	55	22	1	1.8	<27	<630	540 J	540 J	540	540	--	--	RI-23	0	--
	2,4-Dimethylphenol	µg/kg	18,200,000	BCL	--	--	--	--	12	5	0	0	<140	<300	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	55	22	6	10.9	<0.93	<150	1.1 J	150 J	98	87	65	0.75	SSAQ5-07	0	--
	2,4-Dinitrophenol	µg/kg	1,820,000	BCL	--	--	--	--	12	5	0	0	<350	<760	--	--	--	--	--	--	--	--	--
	2,4-Dinitrotoluene	µg/kg	11,400	BCL	--	--	--	--	12	5	0	0	<84	<180	--	--	--	--	--	--	--	--	--
	2,6-Dinitrotoluene	µg/kg	2,350	BCL	--	--	--	--	12	5	0	0	<99	<220	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	µg/kg	27,200	BCL	--	--	--	--	43	17	0	0	<5.2	<360	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	55	22	16	29.1	<1.5	<200	1.8 J	1,700 J	70	240	440	1.8	SSAQ6-02	0	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	55	22	1	1.8	<0.72	<160	1.1 J	1.1 J	1.1	1.1	--	--	SA-30	0	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	55	22	10	18.2	<0.89	<160	9.4	690	94	230	260	1.1	SSAQ6-02	4	3
	Hexachlorocyclopentadiene	µg/kg	7,460	BCL	--	--	--	--	12	5	0	0	<140	310 UJ	--	--	--	--	--	--	--	--	--
	Hexachloroethane	µg/kg	8,470	BCL	--	--	--	--	12	5	0	0	<140	<310	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	55	22	14	25.5	<0.94	<300	3.3 J	810	20	150	250	1.6	M-191	0	--
	Isophorone	µg/kg	3,710,000	BCL	--	--	--	--	12	5	0	0	<70	<150	--	--	--	--	--	--	--	--	--

TABLE 4-2a. STATISTICAL SUMMARY OF ECA GROUP BC SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects								
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
SVOCs	1-Methylnaphthalene	µg/kg	770	BCL	--	--	--	--	12	5	0	0	<160	<340	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	55	22	1	1.8	<0.59	<160	1.8 J	1.8 J	1.8	1.8	--	--	SA-124	0	--
	2-Methylphenol	µg/kg	45,600,000	BCL	--	--	--	--	12	5	0	0	<84	<180	--	--	--	--	--	--	--	--	--
	3&4-Methylphenol	µg/kg	16,000,000	RSL	--	--	--	--	12	5	0	0	<140	<310	--	--	--	--	--	--	--	--	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	55	22	1	1.8	<0.89	<170	1.8 J	1.8 J	1.8	1.8	--	--	SA-124	0	--
	2-Nitroaniline	µg/kg	8,840,000	BCL	--	--	--	--	12	5	0	0	<70	<150	--	--	--	--	--	--	--	--	--
	3-Nitroaniline	µg/kg	--	--	--	--	--	--	12	5	0	0	<140	<310	--	--	--	--	--	--	--	--	--
	4-Nitroaniline	µg/kg	176,000	BCL	--	--	--	--	12	5	0	0	<140	<310	--	--	--	--	--	--	--	--	--
	Nitrobenzene	µg/kg	22,500	BCL	--	--	--	--	55	22	0	0	<1.9	<160	--	--	--	--	--	--	--	--	--
	2-Nitrophenol	µg/kg	--	--	--	--	--	--	12	5	0	0	<140	<310	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	µg/kg	7,290,000	BCL	--	--	--	--	12	5	0	0	150 UJ	<320	--	--	--	--	--	--	--	--	--
	n-Nitrosodiphenylamine	µg/kg	720,000	BCL	--	--	--	--	12	5	0	0	<84	<180	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	µg/kg	--	--	--	--	--	--	55	22	7	12.7	<3.7	<5,300	18	370 J	85	130	150	1.1	SSAQ6-02	--	--
	Pentachlorophenol	µg/kg	8,450	BCL	--	--	--	--	12	5	0	0	<360	<780	--	--	--	--	--	--	--	--	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	55	22	8	14.5	<1.9	<150	2.9 J	600	36	130	210	1.6	SSAQ6-02	0	--
	Phenol	µg/kg	100,000,000	BCL	--	--	--	--	12	5	0	0	<94	<210	--	--	--	--	--	--	--	--	--
	Phthalic acid	µg/kg	100,000,000	BCL	--	--	--	--	9	4	0	0	<1,300	<1,400	--	--	--	--	--	--	--	--	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	55	22	20	36.4	<1.1	<310	1.5 J	1,300 J	20	180	320	1.9	SSAQ6-02	0	--
	Pyridine	µg/kg	1,300,000	BCL	--	--	--	--	55	22	0	0	<28	<710	--	--	--	--	--	--	--	--	--
	2,4,5-Trichlorophenol	µg/kg	91,200,000	BCL	--	--	--	--	12	5	0	0	<140	<300	--	--	--	--	--	--	--	--	--
	2,4,6-Trichlorophenol	µg/kg	321,000	BCL	--	--	--	--	12	5	0	0	<79	<170	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	µg/kg	2,740,000	BCL	--	--	--	--	12	5	0	0	<140	<310	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	µg/kg	1,150	BCL	--	--	--	--	12	5	0	0	<73	<160	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	µg/kg	252,000	BCL	--	--	--	--	55	22	28	50.9	<48	<690	67 J	580	82	150	130	0.87	SSAQ5-07	0	--
	4-Chloro-3-methylphenol	µg/kg	91,200,000	BCL	--	--	--	--	12	5	0	0	<73	<160	--	--	--	--	--	--	--	--	--
	n-Nitroso-di-n-propylamine	µg/kg	504	BCL	--	--	--	--	12	5	0	0	<73	<160	--	--	--	--	--	--	--	--	--
PAHs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	12	5	0	0	<4.2	<42	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	12	5	1	8.3	<4.2	<42	6.5 J	6.5 J	6.5	6.5	--	--	M-191	0	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	12	5	1	8.3	<4.2	<42	6.6 J	6.6 J	6.6	6.6	--	--	M-191	0	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	12	5	6	50	4.3 UJ	<42	6.5 J	430	83	140	160	1.2	M-191	0	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	12	5	5	41.7	4.3 UJ	<42	5.7 J	330	96	130	130	0.95	M-191	0	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	12	5	7	58.3	<4.3	<42	8.6 J	1,200	87	290	430	1.5	M-191	0	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	12	5	8	66.7	<4.3	<42	5.8 J	480	33	110	160	1.5	M-191	0	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	12	5	6	50	4.3 UJ	<42	4.3 J	370	62	100	140	1.3	M-191	0	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	12	5	8	66.7	<4.3	<42	7.3 J	710	39	160	240	1.5	M-191	0	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	12	5	4	33.3	<4.2	<42	11 J	140	40	58	57	0.99	M-191	0	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	12	5	7	58.3	<4.3	<42	6.1 J	310	54	90	110	1.2	M-191	0	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	12	5	0	0	<4.2	<42	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	12	5	7	58.3	<4.3	<42	4.4 J	590	42	140	210	1.5	M-191	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	12	5	3	25	<4.2	<42	7.9 J	17 J	16	14	5	0.37	M-191	0	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	12	5	4	33.3	<4.2	<42	5.8 J	43	18	21	16	0.74	M-191	0	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	12	5	8	66.7	<4.3	<42	6.9 J	910	30	190	310	1.6	M-191	0	--
PCBs	Aroclor-1016	µg/kg	45,200	BCL	--	--	--	--	10	3	0	0	<18	<41	--	--	--	--	--	--	--	--	--
	Aroclor-1221	µg/kg	1,280	BCL	--	--	--	--	10	3	0	0	<18	<41	--	--	--	--	--	--	--	--	--
	Aroclor-1232	µg/kg	1,060	BCL	--	--	--	--	10	3	0	0	<18	<41	--	--	--	--	--	--	--	--	--
	Aroclor-1242	µg/kg	1,550	BCL	--	--	--	--	10	3	0	0	<18	<41	--	--	--	--	--	--	--	--	--
	Aroclor-1248	µg/kg	1,560	BCL	--	--	--	--	10	3	0	0	<18	<41	--	--	--	--	--	--	--	--	--
	Aroclor-1254	µg/kg	1,600	BCL	--	--	--	--	10	3	1	10	<18	<39	200	200	200	200	--	--	U4U5-2	0	--
	Aroclor-1260	µg/kg	1,650	BCL	--	--	--	--	21	8	3	14.3	<18	<41	35 J	340	53	140	170	1.2	M-189	0	--
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	26.7	BCL	--	--	--	--	33	20	17	51.5	<0.021	<0.54	0.084 JK	54	0.39	6.7	17	2.6	SSAQ6-02	2	2
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	33	20	15	45.5	<0.029	<2.7	0.14 J	130	0.81	18	43	2.4	SSAQ6-02	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	33	20	20	60.6	<0.022	<2.7	0.056 J	77	0.72	8.4	22	2.7	SSAQ6-02	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	33	20	26	78.8	<0.021	<2.7	0.049 J	190	0.88	17	48	2.8	SSAQ6-02	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	581	BCL	--	--	--	--	33	20	27	81.8	<0.020	<2.7	0.076 J	160	0.95	14	39	2.8	SSAQ6-02	0	--
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	33	20	29	87.9	<0.11	<2.7	0.099 JK	840	3.1	65	190	3	SSAQ6-02	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	33	20	32	97	5.2 UJ	5.2 UJ	0.36 JK	1,900	9.9	130	390	2.9	SSAQ6-02	--	--

TABLE 4-2a. STATISTICAL SUMMARY OF ECA GROUP BC SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzofuran	pg/g	--	--	--	--	--	--	33	20	29	87.9	<0.024	0.066 UJ	0.11 JK	1,500 J	4.9	110	360	3.3	SSAQ6-02	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	33	20	24	72.7	<0.024	<2.6	0.29 J	1,500 J	8.5	130	390	3	SSAQ6-02	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	33	20	23	69.7	<0.025	<2.7	0.15 J	890	5.5	80	240	3	SSAQ6-02	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	33	20	28	84.8	<0.030	<2.6	0.14 JK	3,400 J	11	250	800	3.3	SSAQ6-02	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	33	20	26	78.8	<0.024	<2.7	0.21 J	2,500 J	10	200	620	3.2	SSAQ6-02	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	33	20	20	60.6	<0.029	<2.7	0.12 JK	420	2.5	42	120	2.9	SSAQ6-02	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	33	20	24	72.7	<0.028	<2.7	0.090 J	620	4	49	150	3.1	SSAQ6-02	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	33	20	29	87.9	<0.054	<2.7	0.092 J	8,300 J	28	600	2,000	3.3	SSAQ6-02	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	33	20	26	78.8	<0.016	<2.7	0.16 JK	3,800 J	15	300	950	3.2	SSAQ6-02	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	pg/g	--	--	--	--	--	--	33	20	30	90.9	<0.16	5.4 UJ	0.20 J	27,000 J	69	2,000	6,200	3.2	SSAQ6-02	--	--
	Total Dioxin/Furan TEQ (Calculated)	pg/g	2,700	SS	--	--	--	--	17	13	17	100	--	--	0.069	1,500	7.9	180	460	2.5	SSAQ6-02	0	--
Pesticides - OCPs	Aldrin	µg/kg	205	BCL	--	--	--	--	18	8	0	0	<0.91	<9.1	--	--	--	--	--	--	--	--	--
	alpha-BHC	µg/kg	274,000	BCL	--	--	--	--	18	8	0	0	<0.91	<9.1	--	--	--	--	--	--	--	--	--
	beta-BHC	µg/kg	54,700	BCL	--	--	--	--	18	8	1	5.6	<0.91	<9.1	1.9	1.9	1.9	1.9	--	--	RSAQ5	0	--
	delta-BHC	µg/kg	333,000	BCL	--	--	--	--	18	8	0	0	<0.91	<9.1	--	--	--	--	--	--	--	--	--
	gamma-BHC	µg/kg	11,100	BCL	--	--	--	--	18	8	0	0	<0.91	<9.1	--	--	--	--	--	--	--	--	--
	Chlordane (total)	µg/kg	--	--	--	--	--	--	7	3	0	0	<4.6	<45	--	--	--	--	--	--	--	--	--
	alpha-Chlordane	µg/kg	500,000	RSL	--	--	--	--	18	8	0	0	<0.91	<9.1	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	µg/kg	500,000	RSL	--	--	--	--	18	8	0	0	<0.91	<9.1	--	--	--	--	--	--	--	--	--
	4,4'-DDD	µg/kg	14,700	BCL	--	--	--	--	18	8	0	0	<1.6	<18	--	--	--	--	--	--	--	--	--
	2,4'-DDE	µg/kg	--	--	--	--	--	--	11	5	0	0	<1.6	<1.7	--	--	--	--	--	--	--	--	--
	4,4'-DDE	µg/kg	10,300	BCL	--	--	--	--	18	8	3	16.7	<1.6	<18	1.8 J	41 J	4.3	16	22	1.4	M-189	0	--
	4,4'-DDT	µg/kg	10,600	BCL	--	--	--	--	18	8	3	16.7	<1.6	<18	2.3 J	96	6.1	35	53	1.5	M-189	0	--
	Dieldrin	µg/kg	220	BCL	--	--	--	--	18	8	0	0	<1.6	<18	--	--	--	--	--	--	--	--	--
	Endosulfan I	µg/kg	--	--	--	--	--	--	18	8	0	0	<0.91	<9.1	--	--	--	--	--	--	--	--	--
	Endosulfan II	µg/kg	--	--	--	--	--	--	18	8	0	0	<1.6	<18	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	µg/kg	4,900,000	RSL	--	--	--	--	18	8	0	0	<1.9	<18	--	--	--	--	--	--	--	--	--
	Endrin	µg/kg	274,000	BCL	--	--	--	--	18	8	0	0	<1.6	<18	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	µg/kg	--	--	--	--	--	--	18	8	0	0	<1.6	<18	--	--	--	--	--	--	--	--	--
	Endrin ketone	µg/kg	--	--	--	--	--	--	18	8	0	0	<1.9	<18	--	--	--	--	--	--	--	--	--
	Heptachlor	µg/kg	696	BCL	--	--	--	--	18	8	0	0	<0.91	<9.1	--	--	--	--	--	--	--	--	--
	Heptachlor epoxide	µg/kg	366	BCL	--	--	--	--	18	8	0	0	<0.91	<9.1	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	7	3	7	100	--	--	1.1 J	29	4.7	7.6	9.7	1.3	RSAR6	0	--
	Methoxychlor	µg/kg	4,560,000	BCL	--	--	--	--	18	8	0	0	<1.6	<90	--	--	--	--	--	--	--	--	--
	Toxaphene	µg/kg	3,210	BCL	--	--	--	--	18	8	0	0	<18	<180	--	--	--	--	--	--	--	--	--
Pesticides - OPPs	Atrazine	µg/kg	15,300	BCL	--	--	--	--	8	4	0	0	<12	<63	--	--	--	--	--	--	--	--	--
	Chlorpyrifos	µg/kg	912,000	BCL	--	--	--	--	8	4	0	0	<6.4	<34	--	--	--	--	--	--	--	--	--
	Coumaphos	µg/kg	--	--	--	--	--	--	8	4	0	0	<2.8	<15	--	--	--	--	--	--	--	--	--
	Dasanit	µg/kg	--	--	--	--	--	--	8	4	0	0	<8.1	<43	--	--	--	--	--	--	--	--	--
	Demeton (O + S)	µg/kg	36,500	BCL	--	--	--	--	8	4	0	0	<7.4	<39	--	--	--	--	--	--	--	--	--
	Demeton-O	µg/kg	--	--	--	--	--	--	8	4	0	0	<5.2	<28	--	--	--	--	--	--	--	--	--
	Demeton-S	µg/kg	--	--	--	--	--	--	8	4	0	0	<4.8	<25	--	--	--	--	--	--	--	--	--
	Diazinon	µg/kg	638,000	BCL	--	--	--	--	8	4	0	0	<7.2	<38	--	--	--	--	--	--	--	--	--
	Dichlorovos	µg/kg	12,200	BCL	--	--	--	--	8	4	0	0	<7.3	<39	--	--	--	--	--	--	--	--	--
	Dimethoate	µg/kg	2,010,000	BCL	--	--	--	--	8	4	0	0	<7.0	<37	--	--	--	--	--	--	--	--	--
	Disulfoton	µg/kg	36,500	BCL	--	--	--	--	8	4	0	0	<7.6	<40	--	--	--	--	--	--	--	--	--
	EPN	µg/kg	9,120	BCL	--	--	--	--	8	4	0	0	<3.6	<19	--	--	--	--	--	--	--	--	--
	Ethoprop	µg/kg	--	--	--	--	--	--	8	4	0	0	<4.9	<26	--	--	--	--	--	--	--	--	--
	Famphur	µg/kg	--	--	--	--	--	--	8	4	0	0	<3.2	<17	--	--	--	--	--	--	--	--	--
	Fenthion	µg/kg	--	--	--	--	--	--	8	4	0	0	<8.6	<46	--	--	--	--	--	--	--	--	--
	Guthion	µg/kg	2,740,000	BCL	--	--	--	--	8	4	0	0	<3.5	<18	--	--	--	--	--	--	--	--	--
	Malathion	µg/kg	18,200,000	BCL	--	--	--	--	8	4	0	0	<4.6	<24	--	--	--	--	--	--	--	--	--
	Merphos	µg/kg	1,030	BCL	--	--	--	--	8	4	0	0	<5.1	<27	--	--	--	--	--	--	--	--	--
	Methyl parathion	µg/kg	228,000	BCL	--	--	--	--	8	4	0	0	<6.3	<33	--	--	--	--	--	--	--	--	--
	Mevinphos	µg/kg	--	--	--	--	--	--	8	4	0	0	<4.6	<24	--	--	--	--	--	--	--	--	--
	Naled	µg/kg	1,290	BCL	--	--	--	--	8	4	0	0	22 UJ	<120	--	--	--	--	--	--	--	--	--

TABLE 4-2a. STATISTICAL SUMMARY OF ECA GROUP BC SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Pesticides - OPPs	Parathion	µg/kg	5,470,000	BCL	--	--	--	--	8	4	0	0	<5.2	<28	--	--	--	--	--	--	--	--	--
	Phorate	µg/kg	182,000	BCL	--	--	--	--	8	4	0	0	<5.6	<30	--	--	--	--	--	--	--	--	--
	Prothiophos	µg/kg	--	--	--	--	--	--	8	4	0	0	<3.9	<20	--	--	--	--	--	--	--	--	--
	Ronnel	µg/kg	26,800	BCL	--	--	--	--	8	4	0	0	<15	<80	--	--	--	--	--	--	--	--	--
	Simazine	µg/kg	29,400	BCL	--	--	--	--	7	3	0	0	<22	<120	--	--	--	--	--	--	--	--	--
	Stirophos	µg/kg	147,000	BCL	--	--	--	--	8	4	0	0	<4.3	<23	--	--	--	--	--	--	--	--	--
	Sulfotepp	µg/kg	456,000	BCL	--	--	--	--	8	4	0	0	<6.2	<33	--	--	--	--	--	--	--	--	--
	Sulprofos	µg/kg	--	--	--	--	--	--	8	4	0	0	<4.2	<22	--	--	--	--	--	--	--	--	--
	Thionazin	µg/kg	--	--	--	--	--	--	8	4	0	0	<5.5	<29	--	--	--	--	--	--	--	--	--
	Trichloronate	µg/kg	--	--	--	--	--	--	8	4	0	0	<6.2	<33	--	--	--	--	--	--	--	--	--
Petroleum Indicators	Gasoline Range Organics	mg/kg	--	--	--	--	--	--	8	4	0	0	<0.15	<0.16	--	--	--	--	--	--	--	--	--
	Diesel Range Organics	mg/kg	--	--	--	--	--	--	22	9	10	45.5	<43	<44	15	370	66	89	100	1.2	M-189	--	--
	Petroleum Hydrocarbons	mg/kg	--	--	--	--	--	--	22	9	13	59.1	<43	<44	4.9 J	180 J	44	56	49	0.87	M-191	--	--
	Diesel Range Organics	mg/kg	--	--	--	--	--	--	22	9	10	45.5	<43	<44	15	370	66	89	100	1.2	M-189	--	--
	Petroleum Hydrocarbons	mg/kg	--	--	--	--	--	--	22	9	13	59.1	<43	<44	4.9 J	180 J	44	56	49	0.87	M-191	--	--
	Extractable Fuel Hydrocarbons	mg/kg	--	--	--	--	--	--	8	4	8	100	--	--	30	440	120	160	140	0.86	M-189	--	--
Asbestos	Long Amphibole Protocol Structures Count	s/samp	0	SS	--	--	--	--	6	6	0	0	0	0	--	--	--	--	--	--	--	--	N/A
	Long Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	6	6	3	50	0	0	1	4	3	2.7	1.5	0.57	SA-161	--	--
	Long Chrysotile Protocol Structures Count	s/samp	5	SS	--	--	--	--	6	6	3	50	0	0	1	4	3	2.7	1.5	0.57	SA-161	0	--
	Short Amphibole Structures Counts	s/samp	--	--	--	--	--	--	6	6	0	0	0	0	--	--	--	--	--	--	--	--	--
	Short Asbestos Structures Counts	s/samp	--	--	--	--	--	--	6	6	2	33.3	0	0	2	5	3.5	3.5	2.1	0.61	SA-161	--	--
	Short Chrysotile Structures Counts	s/samp	--	--	--	--	--	--	6	6	2	33.3	0	0	2	5	3.5	3.5	2.1	0.61	SA-161	--	--
	Total Amphibole Protocol Structures Count	s/samp	--	--	--	--	--	--	6	6	0	0	0	0	--	--	--	--	--	--	--	--	--
	Total Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	6	6	3	50	0	0	1	9	5	5	4	0.8	SA-161	--	--
	Total Chrysotile Protocol Structures Count	s/samp	--	--	--	--	--	--	6	6	3	50	0	0	1	9	5	5	4	0.8	SA-161	--	--

Notes:

1. Health-based soil screening levels (HSSLs).
   SS: Site-specific values for Arsenic and Dioxin/Furan Toxicity Equivalence (TEQ).
   BCL: Lowest level among all available indoor and outdoor industrial worker Basic Comparison Levels (BCLs), NDEP 2025.
   RSL: Regional Screening Levels for industrial soil, USEPA 2024.

	No detections, or maximum detected concentration is below HSSL (if available).
	No HSSL available.
	Radionuclides were determined to be consistent with background or natural concentration of uranium metal across OU-1.
	Essential Nutrient, macronutrient or salt.
	Individual VOCs were used to evaluate the nature and extent of impacts in soil from these compounds.

Sources:

[1] NDEP. 2025. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 17, July.

[2] USEPA. 2024. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund sites. November.

[3] NDEP. 2010. NDEP Response to Background Issues and Determination of Background Dataset for TRX. August 17.

[4] TIMET/BRC. 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity.

TABLE 4-2b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA GROUP BC
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231	231
Phase B	RSAQ5	0.5 - 1	9/16/2009	0	**3**	--	--	--	--	--	--	--	--	--	--	--	--	--
		1 - 2.5	9/09/2009	--	--	**0.610 JK**	**3.60**	**37**	**0.092**	**7.36**	**7.4**	**13.1**	**9,600**	**344**	**0.103**	<0.92	**6.9**	**20**
	RSAR5	0 - 1.5	10/06/2009	--	--	**0.30 J**	**0.95 J**	--	**0.084**	**2.08**	**7.2**	**17.6**	**8,900**	**328 J-**	**0.071**	<0.92	**6.2**	<1.8
		9.5 - 11	10/06/2009	--	--	--	--	--	**0.866**	**2.4**	**6.8**	**10**	**10,000**	**293 J-**	**0.079**	<0.92	**1.5 J**	<0.89
	RSAR6	1 - 2.5	9/14/2009	--	--	**0.39 JK**	**1.3 J**	--	**1.5**	**2.36**	**7.8**	**21.6**	**9,000**	**429**	**0.098**	<9.1	**29**	**34**
		9.5 - 11	9/14/2009	--	--	--	--	--	**0.307**	**3.27**	**7.4**	**10.4**	**9,410**	**333**	**0.11**	<0.92	**1.1 J**	<0.90
	RSAR7	8 - 9.5	10/12/2009	--	--	--	--	--	**1,260 J-**	**2.96 J-**	**11.1**	**9.7**	**10,200 J**	**739**	**0.106**	<0.92	**3.6**	<2.7
			10/12/2009 (FD)	--	--	--	--	--	**1,210 J-**	**2.83 J-**	**8.2**	**10.6**	**9,420 J**	**495**	**0.098**	<0.91	**4.7**	<2.7
	SA-30	5 - 6.5	9/15/2009	--	--	<0.53	**0.23 J**	--	**2.48**	**2.33**	**8.7**	**8.3**	**9,410**	**351 J+**	**0.093**	--	--	<0.89
		9 - 10.5	9/15/2009	--	--	--	--	--	**2.0**	**3.87**	**8.1**	**9.8**	**9,390**	**373 J+**	**0.111**	--	--	<0.90
	SA-32	8 - 9.5	9/21/2009	--	--	--	--	--	**18.5**	**2.26**	**6.4**	**7.7 J**	**9,980**	**340 J**	**0.095**	--	--	**300**
	SA-124	1 - 2.5	9/10/2009	--	--	<0.52	<2.6	--	**27.2**	**1.68**	**7.4**	**46.7**	**8,720**	**336**	**0.092**	--	--	**47**
	SA-125	0.5 - 1	9/15/2009	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
		1 - 2.5	9/10/2009	--	--	<0.54	<2.7	--	**0.416**	**1.53**	**7.8**	**10.2**	**9,300**	**355**	**0.103**	--	--	<0.89
	SA-133	0 - 0.5	9/15/2009	0	**1**	--	--	--	--	--	--	--	--	--	--	--	--	--
			9/15/2009 (FD)	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 2	9/01/2009	--	--	<0.121	<0.182	**0.3**	<0.044	**2.43**	**8.5**	**10.5**	**10,000**	**354**	**0.102**	--	--	--
		10 - 11.5	9/01/2009	--	--	--	--	--	<0.044	**3.25**	**7.7**	**8.3**	**11,000**	**385**	**0.091**	--	--	--
	SA-161	1 - 1.5	9/24/2009	0	**4**	--	--	--	--	--	--	--	--	--	--	--	--	--
		1.5 - 3	9/18/2009	--	--	**0.12 JK**	**0.22 JK**	--	**13.1**	**1.99**	**7.1 J**	**8.7**	**6,330**	**326 J+**	**0.099**	--	--	**9.4**
	SA-208	9 - 10.5	9/25/2009	--	--	<0.52	<2.6	--	**15.6**	**1.7**	**9.1**	**9.3**	**10,100**	**410**	**0.077**	--	--	<0.90
Pre-Excavation	RSAQ5	1.5 - 2.5	8/09/2010	--	--	--	--	--	--	**8.7**	--	--	--	--	--	--	--	--
		2.5 - 3.5	8/09/2010	--	--	--	--	--	--	**7.7**	--	--	--	--	--	--	--	--
		3.5 - 4.5	8/09/2010	--	--	--	--	--	--	**6.9**	--	--	--	--	--	--	--	--
	RSAR7	5 - 6	4/07/2010	--	--	--	--	--	**36,000**	--	--	--	--	--	--	--	--	--
		7 - 8	4/07/2010	--	--	--	--	--	**56,000**	--	--	--	--	--	--	--	--	--
	SSAQ5-01	6 - 7	4/30/2010	--	--	--	--	--	--	**4.4**	--	--	--	--	--	--	--	--
		7 - 8	4/30/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**390**
		9 - 10	4/30/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<32
	SSAQ5-02	1 - 2	5/05/2010	--	--	**0.084 JK**	**0.25 JK**	**0.73**	**0.14**	**3.6**	--	--	--	--	--	--	--	<31
			5/05/2010 (FD)	--	--	--	--	--	**0.15**	**3.6**	--	--	--	--	--	--	--	<31
		3 - 4	5/05/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<31
		5 - 6	5/05/2010	--	--	--	--	--	**0.51**	**3.3**	--	--	--	--	--	--	--	<30
		7 - 8	5/05/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<31
		9 - 10	5/05/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<30
	SSAQ5-03	7.5 - 8.5	8/30/2010	--	--	--	--	--	--	**2.4 J**	--	--	--	--	--	--	--	<31
	SSAQ5-04	0 - 0.5	8/31/2010	--	--	<0.060	**0.18 J**	**0.069**	--	--	--	--	--	--	--	--	--	--
		0.5 - 1.5	8/31/2010	--	--	<0.067	**0.18 J**	**0.12**	--	--	--	--	--	--	--	--	--	--
	SSAQ5-06	0 - 1	8/09/2010	--	--	--	--	--	--	**3.3**	--	--	--	--	--	--	--	--
		1 - 2	8/09/2010	--	--	--	--	--	--	**4.1**	--	--	--	--	--	--	--	--
		2 - 3	8/09/2010	--	--	--	--	--	--	**3.2**	--	--	--	--	--	--	--	--
			8/09/2010 (FD)	--	--	--	--	--	--	**3.5**	--	--	--	--	--	--	--	--
	SSAQ5-07	0 - 0.5	8/31/2010	--	--	**0.26 J**	**0.84 J**	**7.9**	--	**3.9**	--	--	--	--	--	--	--	<31
		0.5 - 1.5	8/31/2010	--	--	**0.27 J**	**1.0 J**	**9.7**	--	--	--	--	--	--	--	--	--	--
		3.5 - 4.5	8/31/2010	--	--	--	--	--	--	**3.1**	--	--	--	--	--	--	--	<31
		8.5 - 9.5	8/31/2010	--	--	--	--	--	--	**3.1**	--	--	--	--	--	--	--	<31
	SSAR6-01	0.5	5/13/2010	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAR6-03	2 - 3	4/26/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<160
	SSAR6-04	1.5 - 2.5	4/26/2010	--	--	--	--	--	**4,100**	**3.9**	--	--	--	--	--	--	--	<31
		5.5 - 6.5	4/26/2010	--	--	--	--	--	**3,300**	**3.7**	--	--	--	--	--	--	--	--

TABLE 4-2b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA GROUP BC
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231	231
Pre-Excavation	SSAR6-04	7.5 - 8.5	4/26/2010	--	--	--	--	--	**1,700**	--	--	--	--	--	--	--	--	--
		9.5 - 10.5	4/26/2010	--	--	--	--	--	**1,500**	--	--	--	--	--	--	--	--	--
	SSAR6-05	0.5 - 1.5	6/24/2010	--	--	--	--	--	**3.2 J**	--	--	--	--	--	--	--	--	--
		2.5 - 3.5	6/24/2010	--	--	--	--	--	**2.7 J**	--	--	--	--	--	--	--	--	--
		4.5 - 5.5	6/24/2010	--	--	--	--	--	**3.6 J**	--	--	--	--	--	--	--	--	--
			6/24/2010 (FD)	--	--	--	--	--	**3.4 J**	--	--	--	--	--	--	--	--	--
		6.5 - 7.5	6/24/2010	--	--	--	--	--	**2.8 J**	--	--	--	--	--	--	--	--	--
		8.5 - 9.5	6/24/2010	--	--	--	--	--	**3.4 J**	--	--	--	--	--	--	--	--	--
	SSAR6-06	0 - 0.5	10/14/2010	--	--	--	--	--	**1.7**	**2.8**	--	--	--	--	--	--	--	<31
		0.5 - 1.5	10/14/2010	--	--	--	--	--	**1.9**	**2.6**	--	--	--	--	--	--	--	<31
		1.5 - 2.5	10/14/2010	--	--	--	--	--	**2.3**	**2.8**	--	--	--	--	--	--	--	<32
		2.5 - 3.5	10/14/2010	--	--	--	--	--	**1.7**	**3.2**	--	--	--	--	--	--	--	<31
		3.5 - 4.5	10/14/2010	--	--	--	--	--	**2.2**	**3.5**	--	--	--	--	--	--	--	<30
			10/14/2010 (FD)	--	--	--	--	--	**2.3**	**3.6**	--	--	--	--	--	--	--	<31
		4.5 - 5.5	10/14/2010	--	--	--	--	--	**0.96**	**2.3**	--	--	--	--	--	--	--	<30
		5.5 - 6.5	10/14/2010	--	--	--	--	--	**3.5**	**2.9**	--	--	--	--	--	--	--	<30
		6.5 - 7.5	10/14/2010	--	--	--	--	--	**0.94**	**3.8**	--	--	--	--	--	--	--	<31
		7.5 - 8.5	10/14/2010	--	--	--	--	--	**0.86**	**3.9**	--	--	--	--	--	--	--	<30
		8.5 - 9.5	10/14/2010	--	--	--	--	--	**1.5**	**4.0**	--	--	--	--	--	--	--	<32
		9.5 - 10.5	10/14/2010	--	--	--	--	--	**1.9**	**4.1**	--	--	--	--	--	--	--	<32
	SSAR7-01	1.5 - 2.5	4/26/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<32
	SSAR7-04	0.5 - 1.5	4/27/2010	--	--	--	--	--	**0.58 J+**	**4.0**	--	--	--	--	--	--	--	--
		4.5 - 5.5	4/27/2010	--	--	--	--	--	**0.48 J+**	**4.2**	--	--	--	--	--	--	--	--
2011 Removal Action	SSAQ6-02	0.5	2/09/2011	--	--	**54**	**160**	**1,500**	--	**11**	--	--	**18,000**	**1,700**	--	--	--	**630**
			2/09/2011 (FD)	--	--	**51**	**130**	**1,300**	--	**12**	--	--	**18,000**	**1,600**	--	--	--	**690**
Phase 1 RI	M-189	0.5 - 1	12/02/2014	--	--	**1.8**	**9.7**	**120**	**270**	**3.5**	**8.2**	**23**	**9,800 J**	**620 J**	<0.27	<2.1	--	<74
		5 - 5.5	12/02/2014	--	--	**0.13 J**	**0.95 J**	**5.4**	**82**	**3.0**	**7.1**	**10**	**9,500 J**	**540 J**	<0.26	2.1 UJ	--	<74
			12/02/2014 (FD)	--	--	0.10 UJ	**0.79 J**	**5.9**	**100**	**3.6**	**7.6**	**12**	**10,000 J**	**950 J**	<0.27	2.1 UJ	--	<73
		10 - 10.5	12/02/2014	--	--	--	--	--	**12**	**3.3**	**8.1**	**7.8**	**12,000 J**	**400 J**	<0.27	--	--	--
	M-191	1 - 1.5	12/01/2014	--	--	**0.22 J**	**1.7 J**	**12**	**180**	**2.4**	**9.9**	**86 J**	**12,000**	**410 J**	<0.27	<2.2	--	75 UJ
			12/01/2014 (FD)	--	--	**0.46 J**	**2.2 J**	**16**	**170**	**3.0**	**8.9**	**42 J**	**18,000**	**780 J**	<0.28	<2.2	--	**88 J**
		5 - 5.5	12/01/2014	--	--	<0.078	<0.18	**0.17**	**210**	**2.9**	**11**	**9.7**	**7,300**	**1,200**	**0.37 J**	2.1 UJ	--	<75
		10 - 10.5	12/01/2014	--	--	--	--	--	**890**	**3.8**	**9.6**	**8.0**	**10,000**	**510**	<0.27	--	--	<74
	M-192	0.5 - 1	12/03/2014	--	--	**0.11 J**	**0.69 J**	**3.8**	**110**	**3.5**	**1.8 J**	**6.0**	**58,000**	**180**	<0.26	2.1 UJ	--	<74
		5 - 5.5	12/03/2014	--	--	**2.5**	**46**	**89**	**190**	**3.3**	**5.4**	**48**	**17,000**	**330**	<0.27	<2.2	--	**100 J**
		10 - 10.5	12/03/2014	--	--	--	--	--	**150**	**3.5**	**7.4**	**8.1**	**10,000**	**310**	<0.27	--	--	--
Phase 2 RI	RI-23	2 - 2.5	5/17/2017	--	--	--	--	--	**0.046**	--	**11**	**13**	**11,000**	**680**	--	<2.2	--	<160
		5 - 5.5	5/17/2017	--	--	--	--	--	**0.048**	--	**7.7**	**8.4**	**12,000**	**380**	--	<2.2	--	<160
		10 - 10.5	5/17/2017	--	--	--	--	--	**0.040**	--	**7.4**	**6.9**	**13,000**	**310**	--	<2.2	--	<160
Unit Buildings 4 and 5 Investigation	U4U5-2	1	10/30/2015	--	--	<0.044	**0.35 J**	--	**0.082**	--	--	--	--	--	--	--	--	--
		2.5	10/30/2015	--	--	**0.92 J**	**9.5**	--	**0.16**	--	--	--	--	--	--	--	--	--
		5	10/30/2015	--	--	**0.79 J**	**2.6 J**	--	**0.34**	--	--	--	--	--	--	--	--	--
		7.5	10/30/2015	--	--	<0.021	**0.21 J**	--	**0.020 J**	--	--	--	--	--	--	--	--	--
	U4U5-3	2.5	10/29/2015	--	--	<0.031	<0.020	--	**97**	--	--	--	--	--	--	--	--	--
		5	10/29/2015	--	--	<0.033	**0.17 J**	--	**150**	--	--	--	--	--	--	--	--	--
		7.5	10/29/2015	--	--	--	--	--	**59**	--	--	--	--	--	--	--	--	--
		10	10/29/2015	--	--	--	--	--	**32**	--	--	--	--	--	--	--	--	--
	U4U5-4	1	10/30/2015	--	--	<0.070	**1.5 J**	--	**180**	--	--	--	--	--	--	--	--	--
		2.5	10/30/2015	--	--	<0.021	**0.076 J**	--	**140**	--	--	--	--	--	--	--	--	--
		5	10/30/2015	--	--	<0.022	**0.11 J**	--	**110**	--	--	--	--	--	--	--	--	--

TABLE 4-2b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA GROUP BC
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231	231
Unit Buildings 4 and 5 Investigation	U4U5-4	7.5	10/30/2015	--	--	--	--	--	**47**	--	--	--	--	--	--	--	--	--
		10	10/30/2015	--	--	--	--	--	**48**	--	--	--	--	--	--	--	--	--
	U4U5-20	1	8/02/2016	--	--	--	--	--	**9.2**	--	--	--	--	--	--	--	--	--
		2.5	8/02/2016	--	--	--	--	--	**5.5**	--	--	--	--	--	--	--	--	--
		5	8/02/2016	--	--	--	--	--	**9.3**	--	--	--	--	--	--	--	--	--
		7.5	8/02/2016	--	--	--	--	--	**10**	--	--	--	--	--	--	--	--	--
		10	8/02/2016	--	--	--	--	--	**49**	--	--	--	--	--	--	--	--	--
	U4U5-21	1.5	7/19/2016	--	--	--	--	--	**29**	--	--	--	--	--	--	--	--	--
		2.5	7/19/2016	--	--	--	--	--	**29**	--	--	--	--	--	--	--	--	--
		5	7/20/2016	--	--	--	--	--	**78**	--	--	--	--	--	--	--	--	--
			7/20/2016 (FD)	--	--	--	--	--	**190**	--	--	--	--	--	--	--	--	--
		7.5	7/20/2016	--	--	--	--	--	**71**	--	--	--	--	--	--	--	--	--
		10	7/20/2016	--	--	--	--	--	**63**	--	--	--	--	--	--	--	--	--
	U4U5-22	1.5	7/19/2016	--	--	--	--	--	**24**	--	--	--	--	--	--	--	--	--
		2.5	7/19/2016	--	--	--	--	--	**29**	--	--	--	--	--	--	--	--	--
		5	7/20/2016	--	--	--	--	--	**25**	--	--	--	--	--	--	--	--	--
		7.5	7/20/2016	--	--	--	--	--	**8.6**	--	--	--	--	--	--	--	--	--
		10	7/21/2016	--	--	--	--	--	**2.4**	--	--	--	--	--	--	--	--	--
	U4U5-23	1	7/19/2016	--	--	--	--	--	**410**	--	--	--	--	--	--	--	--	--
		2.5	7/19/2016	--	--	--	--	--	**420**	--	--	--	--	--	--	--	--	--
		5	7/19/2016	--	--	--	--	--	**32**	--	--	--	--	--	--	--	--	--
		7.5	7/19/2016	--	--	--	--	--	**18**	--	--	--	--	--	--	--	--	--
		10	7/19/2016	--	--	--	--	--	**1.6**	--	--	--	--	--	--	--	--	--
	U4U5-24	1	7/19/2016	--	--	--	--	--	**23**	--	--	--	--	--	--	--	--	--
		2.5	7/19/2016	--	--	--	--	--	**28**	--	--	--	--	--	--	--	--	--
		5	7/19/2016	--	--	--	--	--	**50**	--	--	--	--	--	--	--	--	--
		7.5	7/19/2016	--	--	--	--	--	**50**	--	--	--	--	--	--	--	--	--
	U4U5-25	1	8/11/2016	--	--	--	--	--	**110**	--	--	--	--	--	--	--	--	--
		2.5	8/11/2016	--	--	--	--	--	**100**	--	--	--	--	--	--	--	--	--
		5	8/11/2016	--	--	--	--	--	**25**	--	--	--	--	--	--	--	--	--
		7.5	8/12/2016	--	--	--	--	--	**16**	--	--	--	--	--	--	--	--	--
		10	8/12/2016	--	--	--	--	--	**3.4**	--	--	--	--	--	--	--	--	--
	U4U5-27	1	8/16/2016	--	--	--	--	--	**17**	--	--	--	--	--	--	--	--	--
		2.5	8/16/2016	--	--	--	--	--	**0.36**	--	--	--	--	--	--	--	--	--
		5	8/16/2016	--	--	--	--	--	**0.19**	--	--	--	--	--	--	--	--	--
		7.5	8/17/2016	--	--	--	--	--	**0.18 J-**	--	--	--	--	--	--	--	--	--
			8/17/2016 (FD)	--	--	--	--	--	**0.24 J-**	--	--	--	--	--	--	--	--	--
		10	8/17/2016	--	--	--	--	--	**0.15**	--	--	--	--	--	--	--	--	--
	U4U5-28	1	8/15/2016	--	--	--	--	--	**50**	--	--	--	--	--	--	--	--	--
		2.5	8/15/2016	--	--	--	--	--	**7.2**	--	--	--	--	--	--	--	--	--
		5	8/15/2016	--	--	--	--	--	**13**	--	--	--	--	--	--	--	--	--
		7.5	8/15/2016	--	--	--	--	--	**34**	--	--	--	--	--	--	--	--	--
		10	8/15/2016	--	--	--	--	--	**43**	--	--	--	--	--	--	--	--	--
			8/15/2016 (FD)	--	--	--	--	--	**4.9**	--	--	--	--	--	--	--	--	--
	U4U5-29	1.5	7/19/2016	--	--	--	--	--	**51**	--	--	--	--	--	--	--	--	--
		2.5	7/19/2016	--	--	--	--	--	**65**	--	--	--	--	--	--	--	--	--
		5	7/21/2016	--	--	--	--	--	**16**	--	--	--	--	--	--	--	--	--
		7.5	7/21/2016	--	--	--	--	--	**3.7**	--	--	--	--	--	--	--	--	--
		10	7/21/2016	--	--	--	--	--	**11**	--	--	--	--	--	--	--	--	--
	U4U5-30	1.5	7/20/2016	--	--	--	--	--	**70**	--	--	--	--	--	--	--	--	--

TABLE 4-2b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA GROUP BC
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231	231
Unit Buildings 4 and 5 Investigation	U4U5-30	2.5	7/20/2016	--	--	--	--	--	**62**	--	--	--	--	--	--	--	--	--
		5	7/22/2016	--	--	--	--	--	**100**	--	--	--	--	--	--	--	--	--
		7.5	7/22/2016	--	--	--	--	--	**730**	--	--	--	--	--	--	--	--	--
		10	7/22/2016	--	--	--	--	--	**610**	--	--	--	--	--	--	--	--	--
	U4U5-31	1.5	7/20/2016	--	--	--	--	--	**5.2**	--	--	--	--	--	--	--	--	--
		2.5	7/20/2016	--	--	--	--	--	**2.7**	--	--	--	--	--	--	--	--	--
			7/20/2016 (FD)	--	--	--	--	--	**52**	--	--	--	--	--	--	--	--	--
		5	7/20/2016	--	--	--	--	--	**180**	--	--	--	--	--	--	--	--	--
		7.5	7/20/2016	--	--	--	--	--	**8.4**	--	--	--	--	--	--	--	--	--
		10	7/20/2016	--	--	--	--	--	**5.5**	--	--	--	--	--	--	--	--	--
	U4U5-32	1.5	7/22/2016	--	--	--	--	--	**340**	--	--	--	--	--	--	--	--	--
		2.5	7/22/2016	--	--	--	--	--	**300**	--	--	--	--	--	--	--	--	--
		5	7/22/2016	--	--	--	--	--	**190**	--	--	--	--	--	--	--	--	--
		7.5	7/22/2016	--	--	--	--	--	**18**	--	--	--	--	--	--	--	--	--
	U4U5-33	1	8/17/2016	--	--	--	--	--	**8.9**	--	--	--	--	--	--	--	--	--
		2.5	8/17/2016	--	--	--	--	--	**92**	--	--	--	--	--	--	--	--	--
		5	8/18/2016	--	--	--	--	--	**130**	--	--	--	--	--	--	--	--	--
		7.5	8/18/2016	--	--	--	--	--	**44**	--	--	--	--	--	--	--	--	--
		10	8/18/2016	--	--	--	--	--	**60**	--	--	--	--	--	--	--	--	--
	U4U5-34	2.5	8/11/2016	--	--	--	--	--	**0.17**	--	--	--	--	--	--	--	--	--
		5	8/11/2016	--	--	--	--	--	**72**	--	--	--	--	--	--	--	--	--
		7.5	8/11/2016	--	--	--	--	--	**80**	--	--	--	--	--	--	--	--	--
		10	8/12/2016	--	--	--	--	--	**13**	--	--	--	--	--	--	--	--	--
	U4U5-36	1	8/16/2016	--	--	--	--	--	**0.61**	--	--	--	--	--	--	--	--	--
		2.5	8/16/2016	--	--	--	--	--	**0.53**	--	--	--	--	--	--	--	--	--
		5	8/16/2016	--	--	--	--	--	**0.79**	--	--	--	--	--	--	--	--	--
		7.5	8/16/2016	--	--	--	--	--	**0.87**	--	--	--	--	--	--	--	--	--
		10	8/16/2016	--	--	--	--	--	**0.43**	--	--	--	--	--	--	--	--	--
	U4U5-37	1	8/02/2016	--	--	--	--	--	**350**	--	--	--	--	--	--	--	--	--
		2.5	8/02/2016	--	--	--	--	--	**270**	--	--	--	--	--	--	--	--	--
		5	8/02/2016	--	--	--	--	--	**290**	--	--	--	--	--	--	--	--	--
		7.5	8/02/2016	--	--	--	--	--	**290**	--	--	--	--	--	--	--	--	--
		10	8/02/2016	--	--	--	--	--	**41**	--	--	--	--	--	--	--	--	--
	U4U5-38	1	8/04/2016	--	--	--	--	--	**22**	--	--	--	--	--	--	--	--	--
		2.5	8/04/2016	--	--	--	--	--	**30**	--	--	--	--	--	--	--	--	--
		5	8/04/2016	--	--	--	--	--	**6.6**	--	--	--	--	--	--	--	--	--
		7.5	8/04/2016	--	--	--	--	--	**1.7**	--	--	--	--	--	--	--	--	--
	U4U5-39	1	8/01/2016	--	--	--	--	--	**30**	--	--	--	--	--	--	--	--	--
			8/01/2016 (FD)	--	--	--	--	--	**22**	--	--	--	--	--	--	--	--	--
		2.5	8/01/2016	--	--	--	--	--	**700**	--	--	--	--	--	--	--	--	--
			8/01/2016 (FD)	--	--	--	--	--	**10**	--	--	--	--	--	--	--	--	--
		5	8/01/2016	--	--	--	--	--	**2.1**	--	--	--	--	--	--	--	--	--
		7.5	8/01/2016	--	--	--	--	--	**1.7**	--	--	--	--	--	--	--	--	--
		10	8/01/2016	--	--	--	--	--	**1.8**	--	--	--	--	--	--	--	--	--
	U4U5-40	1	8/03/2016	--	--	--	--	--	**21**	--	--	--	--	--	--	--	--	--
		2.5	8/03/2016	--	--	--	--	--	**1.8**	--	--	--	--	--	--	--	--	--
		5	8/03/2016	--	--	--	--	--	**27**	--	--	--	--	--	--	--	--	--
			8/03/2016 (FD)	--	--	--	--	--	**24**	--	--	--	--	--	--	--	--	--
		7.5	8/03/2016	--	--	--	--	--	**12**	--	--	--	--	--	--	--	--	--
		10	8/03/2016	--	--	--	--	--	**7.9**	--	--	--	--	--	--	--	--	--

TABLE 4-2b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA GROUP BC
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231	231
Unit Buildings 4 and 5 Investigation	U4U5-41	1.5	7/27/2016	--	--	--	--	--	**160**	--	--	--	--	--	--	--	--	--
		2.5	7/27/2016	--	--	--	--	--	**150**	--	--	--	--	--	--	--	--	--
		5	7/27/2016	--	--	--	--	--	**150**	--	--	--	--	--	--	--	--	--
		7.5	7/27/2016	--	--	--	--	--	**160**	--	--	--	--	--	--	--	--	--
		10	7/27/2016	--	--	--	--	--	**98**	--	--	--	--	--	--	--	--	--
	U4U5-42	1	8/12/2016	--	--	--	--	--	**5.8**	--	--	--	--	--	--	--	--	--
		2.5	8/12/2016	--	--	--	--	--	**0.10 J**	--	--	--	--	--	--	--	--	--
			8/12/2016 (FD)	--	--	--	--	--	**3.8 J**	--	--	--	--	--	--	--	--	--
		5	8/12/2016	--	--	--	--	--	**0.027 J**	--	--	--	--	--	--	--	--	--
		7.5	8/12/2016	--	--	--	--	--	**1.9**	--	--	--	--	--	--	--	--	--
		10	8/12/2016	--	--	--	--	--	**12**	--	--	--	--	--	--	--	--	--
	U4U5-43	2.5	8/10/2016	--	--	--	--	--	**0.36**	--	--	--	--	--	--	--	--	--
		5	8/10/2016	--	--	--	--	--	**0.32**	--	--	--	--	--	--	--	--	--
		7.5	8/11/2016	--	--	--	--	--	**19**	--	--	--	--	--	--	--	--	--
		10	8/11/2016	--	--	--	--	--	**11**	--	--	--	--	--	--	--	--	--
	U4U5-45	5	7/27/2016	--	--	--	--	--	**22 J**	--	--	--	--	--	--	--	--	--
		7.5	7/27/2016	--	--	--	--	--	**170**	--	--	--	--	--	--	--	--	--
		10	7/27/2016	--	--	--	--	--	**120**	--	--	--	--	--	--	--	--	--
	U4U5-46	1	8/09/2016	--	--	--	--	--	**84**	--	--	--	--	--	--	--	--	--
		2.5	8/09/2016	--	--	--	--	--	**5.2**	--	--	--	--	--	--	--	--	--
		5	8/10/2016	--	--	--	--	--	**7.1**	--	--	--	--	--	--	--	--	--
		7.5	8/10/2016	--	--	--	--	--	**22**	--	--	--	--	--	--	--	--	--
		10	8/10/2016	--	--	--	--	--	**3.2**	--	--	--	--	--	--	--	--	--
	U4U5-47	1	8/10/2016	--	--	--	--	--	**9.1**	--	--	--	--	--	--	--	--	--
		2.5	8/10/2016	--	--	--	--	--	**29**	--	--	--	--	--	--	--	--	--
		5	8/10/2016	--	--	--	--	--	**3.1**	--	--	--	--	--	--	--	--	--
		7.5	8/10/2016	--	--	--	--	--	**10**	--	--	--	--	--	--	--	--	--
			8/10/2016 (FD)	--	--	--	--	--	**11**	--	--	--	--	--	--	--	--	--
		10	8/16/2016	--	--	--	--	--	**2.2**	--	--	--	--	--	--	--	--	--
	U4U5-48	1	6/28/2016	--	--	--	--	--	**0.24**	--	--	--	--	--	--	--	--	--
		2.5	6/28/2016	--	--	--	--	--	**0.39**	--	--	--	--	--	--	--	--	--
		5	6/29/2016	--	--	--	--	--	**8.1**	--	--	--	--	--	--	--	--	--
		7.5	6/29/2016	--	--	--	--	--	**6.9**	--	--	--	--	--	--	--	--	--
		10	6/29/2016	--	--	--	--	--	**3.5**	--	--	--	--	--	--	--	--	--
	U4U5-49	1	6/29/2016	--	--	--	--	--	**0.70**	--	--	--	--	--	--	--	--	--
		2.5	6/29/2016	--	--	--	--	--	**0.39**	--	--	--	--	--	--	--	--	--
		5	6/29/2016	--	--	--	--	--	**0.49**	--	--	--	--	--	--	--	--	--
		7.5	6/29/2016	--	--	--	--	--	**1.5**	--	--	--	--	--	--	--	--	--
		10	6/29/2016	--	--	--	--	--	**0.24**	--	--	--	--	--	--	--	--	--
	U4U5-50	1	6/29/2016	--	--	--	--	--	**1.5 J-**	--	--	--	--	--	--	--	--	--
		2.5	6/29/2016	--	--	--	--	--	**0.17**	--	--	--	--	--	--	--	--	--
		5	6/29/2016	--	--	--	--	--	**2.5**	--	--	--	--	--	--	--	--	--
		7.5	6/29/2016	--	--	--	--	--	**1.3**	--	--	--	--	--	--	--	--	--
		10	6/29/2016	--	--	--	--	--	**0.85**	--	--	--	--	--	--	--	--	--
	U4U5-51	1	6/30/2016	--	--	--	--	--	**9.0**	--	--	--	--	--	--	--	--	--
		2.5	6/30/2016	--	--	--	--	--	**8.3**	--	--	--	--	--	--	--	--	--
		5	6/30/2016	--	--	--	--	--	**43**	--	--	--	--	--	--	--	--	--
		7.5	6/30/2016	--	--	--	--	--	**7.9**	--	--	--	--	--	--	--	--	--
		10	6/30/2016	--	--	--	--	--	**6.0**	--	--	--	--	--	--	--	--	--
	U4U5-55	5	8/09/2016	--	--	--	--	--	**7.1**	--	--	--	--	--	--	--	--	--

TABLE 4-2b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA GROUP BC
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231	231
Unit Buildings 4 and 5 Investigation	U4U5-55	5	8/09/2016 (FD)	--	--	--	--	--	**4.5**	--	--	--	--	--	--	--	--	--
		7.5	8/09/2016	--	--	--	--	--	**1.7**	--	--	--	--	--	--	--	--	--
		10	8/09/2016	--	--	--	--	--	**1.7**	--	--	--	--	--	--	--	--	--
			8/11/2016	--	--	--	--	--	**2.1 J**	--	--	--	--	--	--	--	--	--
			8/11/2016 (FD)	--	--	--	--	--	**6.1 J**	--	--	--	--	--	--	--	--	--
	U4U5-56	5	8/03/2016	--	--	--	--	--	**39**	--	--	--	--	--	--	--	--	--
		7.5	8/03/2016	--	--	--	--	--	**16 J**	--	--	--	--	--	--	--	--	--
			8/03/2016 (FD)	--	--	--	--	--	**8.7 J**	--	--	--	--	--	--	--	--	--
		10	8/03/2016	--	--	--	--	--	**1.2**	--	--	--	--	--	--	--	--	--
	U4U5-57	5	8/09/2016	--	--	--	--	--	**4.2**	--	--	--	--	--	--	--	--	--
		7.5	8/09/2016	--	--	--	--	--	**0.54**	--	--	--	--	--	--	--	--	--
		10	8/09/2016	--	--	--	--	--	**1.4**	--	--	--	--	--	--	--	--	--
	U4U5-58	5	8/05/2016	--	--	--	--	--	**540**	--	--	--	--	--	--	--	--	--
		7.5	8/05/2016	--	--	--	--	--	**810**	--	--	--	--	--	--	--	--	--
		10	8/05/2016	--	--	--	--	--	**84**	--	--	--	--	--	--	--	--	--
	U4U5-59	5	8/01/2016	--	--	--	--	--	**110**	--	--	--	--	--	--	--	--	--
		7.5	8/01/2016	--	--	--	--	--	**280**	--	--	--	--	--	--	--	--	--
		10	8/01/2016	--	--	--	--	--	**980**	--	--	--	--	--	--	--	--	--
	U4U5-60	1	8/08/2016	--	--	--	--	--	**170**	--	--	--	--	--	--	--	--	--
		2.5	8/08/2016	--	--	--	--	--	**690**	--	--	--	--	--	--	--	--	--
		5	8/08/2016	--	--	--	--	--	**2,000**	--	--	--	--	--	--	--	--	--
		7.5	8/08/2016	--	--	--	--	--	**870**	--	--	--	--	--	--	--	--	--
		10	8/08/2016	--	--	--	--	--	**560**	--	--	--	--	--	--	--	--	--
	U4U5-61	2.5	8/04/2016	--	--	--	--	--	**74**	--	--	--	--	--	--	--	--	--
		5	8/04/2016	--	--	--	--	--	**620**	--	--	--	--	--	--	--	--	--
		7.5	8/04/2016	--	--	--	--	--	**790**	--	--	--	--	--	--	--	--	--
		10	8/04/2016	--	--	--	--	--	**570**	--	--	--	--	--	--	--	--	--
	U4U5-62	1	8/05/2016	--	--	--	--	--	**11**	--	--	--	--	--	--	--	--	--
		2.5	8/05/2016	--	--	--	--	--	**16**	--	--	--	--	--	--	--	--	--
			8/05/2016 (FD)	--	--	--	--	--	**18**	--	--	--	--	--	--	--	--	--
		5	8/05/2016	--	--	--	--	--	**240**	--	--	--	--	--	--	--	--	--
		7.5	8/05/2016	--	--	--	--	--	**37**	--	--	--	--	--	--	--	--	--
		10	8/05/2016	--	--	--	--	--	**27**	--	--	--	--	--	--	--	--	--
	U4U5-69	1	11/09/2016	--	--	--	--	--	**2.7**	--	--	--	--	--	--	--	--	--
		2.5	11/09/2016	--	--	--	--	--	**0.062**	--	--	--	--	--	--	--	--	--
		5	11/09/2016	--	--	--	--	--	**1.5**	--	--	--	--	--	--	--	--	--
		7.5	11/09/2016	--	--	--	--	--	**81**	--	--	--	--	--	--	--	--	--
		10	11/09/2016	--	--	--	--	--	**20**	--	--	--	--	--	--	--	--	--
	U4U5-75	1	10/02/2017	--	--	--	--	--	**0.081**	--	--	--	--	--	--	--	--	--
		2.5	10/02/2017	--	--	--	--	--	**0.037 J**	--	--	--	--	--	--	--	--	--
		5	10/02/2017	--	--	--	--	--	**0.045**	--	--	--	--	--	--	--	--	--
		7.5	10/02/2017	--	--	--	--	--	**2.9**	--	--	--	--	--	--	--	--	--
		10	10/02/2017	--	--	--	--	--	**15**	--	--	--	--	--	--	--	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram
pg/g: picograms per gram

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

TABLE 4-2b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA GROUP BC
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231	231

s/samp: strands per sample
HSSL: health-based soil screening level

TABLE 4-3a. STATISTICAL SUMMARY OF ECA GROUP BE SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
General Chemistry	Ammonia	mg/kg	27,900	BCL	--	--	--	--	18	11	1	5.6	0.085 UJ	<2.6	2.8 J	2.8 J	2.8	2.8	--	--	M-190	0	--
	Bicarbonate as HCO_3	mg/kg	--	--	--	--	--	--	5	2	5	100	--	--	27,000	32,000	31,000	30,000	1,900	0.064	M-193	--	--
	Bromide	mg/kg	--	--	--	--	--	--	13	10	1	7.7	<0.2	<3.9	1 J	1 J	1	1	--	--	RSAR8	--	--
	Carbonate as CO_3	mg/kg	--	--	--	--	--	--	13	10	11	84.6	<3	<3	4 J	1,300	110	610	660	1.1	M-193	--	--
	Chlorate	mg/kg	38,900	BCL	--	--	--	--	31	13	27	87.1	<0.043	<0.057	0.064 J	70.6 J-	0.28	7.3	18	2.5	RSAR8	0	--
	Chloride	mg/kg	--	--	--	--	--	--	13	10	13	100	--	--	3.2 J+	959 J+	26	170	280	1.7	RSAR8	--	--
	Hydroxide	mg/kg	--	--	--	--	--	--	5	2	0	0	<180	<190	--	--	--	--	--	--	--	--	--
	Nitrate (as NO_3)	mg/kg	100,000	BCL	--	--	--	--	31	13	20	64.5	<3.9	<4.2	4.4 J	280 J+	9.3	30	60	2	SA-68	0	--
	Nitrate Nitrite as N	mg/kg	--	--	--	--	--	--	5	2	4	80	<1.2	<1.2	1.2 J	2.5	1.4	1.6	0.59	0.36	M-190	--	--
	Nitrite	mg/kg	120,000	RSL	--	--	--	--	13	10	1	7.7	<0.08	<1.2	0.35	0.35	0.35	0.35	--	--	RSAR8	0	--
	Perchlorate	mg/kg	908	BCL	--	--	--	--	78	25	75	96.2	<0.011	<0.012	0.026 J	169 J	0.6	6.5	25	3.9	SA-33	0	--
	ortho-Phosphate	mg/kg	--	--	--	--	--	--	5	2	0	0	<4.3	4.4 UJ	--	--	--	--	--	--	--	--	--
	Sulfate	mg/kg	--	--	--	--	--	--	31	13	31	100	--	--	33	7,260 J+	140	710	1,600	2.3	SA-112	--	--
Metals	Aluminum	mg/kg	100,000	BCL	7,340	11,400	3,740 J	15,300 J	13	10	13	100	--	--	5,060	11,000	9,300	8,600	1,900	0.22	M-193	0	--
	Antimony	mg/kg	3,450	BCL	0.5 UJ	3.4	0.12 J-	0.5 J-	13	10	8	61.5	0.53 UJ	0.55 UJ	0.6 J	2.8 J	1.4	1.4	0.64	0.45	SA-33	0	--
	Arsenic	mg/kg	7.2	SS	1.6	4.25	2.5	7.2 J	25	14	25	100	--	--	1.59	25	3.1	4.2	4.6	1.1	SSAR7-05	3	3.5
	Barium	mg/kg	100,000	BCL	111	213	73	445 J	13	10	13	100	--	--	140 J+	250 J+	170	180	29	0.17	M-190	0	--
	Beryllium	mg/kg	6,130	BCL	0.362	0.588 J	0.16 J	0.89	8	8	8	100	--	--	0.323 J	0.51 J	0.41	0.41	0.067	0.16	SA-132	0	--
	Boron	mg/kg	100,000	BCL	3.6 J	11.7	<3.2	11.6 J+	13	10	13	100	--	--	5.3 J	29	11	12	6.7	0.55	M-193	0	--
	Cadmium	mg/kg	8,180	BCL	<0.04	0.48	<0.129	<0.129	13	10	7	53.8	<0.04	<0.28	0.13 J	0.63	0.2	0.32	0.2	0.62	SA-33	0	--
	Calcium	mg/kg	--	--	--	--	9,440	82,800 J	8	8	8	100	--	--	16,100	49,200 J	26,000	27,000	10,000	0.38	SA-112	--	--
	Chromium (total)	mg/kg	--	--	5.57	10.7 J	2.6	16.7	73	23	73	100	--	--	4.84 J	120	20	20	13	0.66	U4U5-71	--	--
	Chromium VI	mg/kg	564	BCL	<0.18	0.29 J	<0.25	<0.32	73	23	14	19.2	<0.16	<0.44	0.17 J	3.4	0.7	0.98	0.94	0.97	U4U5-71	0	--
	Cobalt	mg/kg	385	BCL	5.4	9.1	3.7 J	16.3 J	13	10	13	100	--	--	7.7	24.4	8.3	9.8	4.4	0.46	SA-68	0	--
	Copper	mg/kg	51,900	BCL	15.8	140	10.2	25.9 J	13	10	13	100	--	--	19	153 J	26	42	41	0.96	SA-33	0	--
	Iron	mg/kg	100,000	BCL	11,300	20,600	5,410	19,700	13	10	13	100	--	--	6,910	18,700	16,000	15,000	3,500	0.23	SA-132	0	--
	Lead	mg/kg	800	BCL	7.1	72.8	3 J	35.1	13	10	13	100	--	--	8.7	36.1	12	15	7.6	0.5	SA-33	0	--
	Magnesium	mg/kg	100,000	BCL	7,700	13,000	4,690 J	17,500 J	13	10	13	100	--	--	7,650	13,000	10,000	9,900	1,400	0.15	M-193	0	--
	Manganese	mg/kg	100,000	BCL	262	537	151	863 J	18	11	18	100	--	--	260	2,320 J	460	860	720	0.83	SA-33	0	--
	Mercury	mg/kg	3.13	BCL	0.006 J	0.362	<0.0072	0.11	13	10	13	100	--	--	0.015 J	0.804	0.043	0.16	0.27	1.7	SA-33	0	--
	Molybdenum	mg/kg	6,490	BCL	<0.31	32.7	0.3 J	2	13	10	8	61.5	<1.1	<1.1	0.31	0.9	0.44	0.56	0.25	0.45	SA-112	0	--
	Nickel	mg/kg	50,300	BCL	12.7	21.4	7.9 J	30 J	13	10	13	100	--	--	10	18.2	16	16	2.5	0.16	SA-132	0	--
	Niobium	mg/kg	130	BCL	--	--	1.01 UJ-	1.01 UJ-	4	2	0	0	1.8 UJ	1.9 UJ	--	--	--	--	--	--	--	--	--
	Palladium	mg/kg	--	--	--	--	0.16	1.5	4	2	0	0	<0.053	<0.056	--	--	--	--	--	--	--	--	--
	Phosphorus (total)	mg/kg	100,000	BCL	--	--	862	2,010	13	10	13	100	--	--	696	1,470	980	1,000	240	0.23	SA-68	0	--
	Platinum	mg/kg	5,190	BCL	0.006 J	<0.11	<0.0435	0.099 J	8	8	8	100	--	--	0.008 J	0.045 J	0.013	0.019	0.014	0.72	SA-68	0	--
	Potassium	mg/kg	--	--	1,450	4,210	625	3,890	8	8	8	100	--	--	1,520	2,570	2,300	2,200	400	0.19	SA-68	--	--
	Selenium	mg/kg	6,490	BCL	<0.7	<4.3	<0.158	0.6	13	10	0	0	<0.53	<0.8	--	--	--	--	--	--	--	--	--
	Silicon	mg/kg	--	--	--	--	335 J	4,150	5	2	5	100	--	--	120 J-	290 J-	120	160	75	0.48	M-193	--	--
	Silver	mg/kg	100,000	BCL	<0.2	<0.2	<0.261	<0.261	13	10	0	0	<0.2	<0.83	--	--	--	--	--	--	--	--	--
	Sodium	mg/kg	--	--	307	1,050	128	1,320	8	8	8	100	--	--	615	2,450	760	1,100	660	0.61	SA-132	--	--
	Strontium	mg/kg	100,000	BCL	129	339	75.5	808 J	12	10	12	100	--	--	127	290 J+	170	180	51	0.29	M-190	0	--
	Sulfur	mg/kg	--	--	--	--	--	--	5	2	0	0	<370	<440	--	--	--	--	--	--	--	--	--
	Thallium	mg/kg	13	BCL	0.071	0.193 J	<0.543	1.8	13	10	8	61.5	<0.27	<0.28	0.086	0.424 J	0.14	0.2	0.13	0.66	SA-33	0	--
	Tin	mg/kg	100,000	BCL	<10.2	<11	0.24 J	0.8 J	8	8	8	100	--	--	3.5 J	4.6 J	4	4	0.39	0.096	SA-33	0	--
	Titanium	mg/kg	100,000	BCL	480	1,080	262	1,010 J	8	8	8	100	--	--	310	1,020	780	740	260	0.35	SA-132	0	--
	Tungsten	mg/kg	1,040	BCL	<0.11	0.62	0.0175 UJ	0.0175 UJ	12	10	8	66.7	5.3 UJ	5.5 UJ	0.14	0.83	0.39	0.44	0.29	0.66	SA-68	0	--
	Uranium (total)	mg/kg	3,830	BCL	0.655	1.94	0.62 J	2.7	12	10	12	100	--	--	0.758	1.6	0.97	1	0.24	0.23	M-190	0	--
	Vanadium	mg/kg	100,000	BCL	28	54.9	20.2	59.1 J	8	8	8	100	--	--	17.7	58.8	44	41	14	0.35	SA-132	0	--
	Zinc	mg/kg	100,000	BCL	25.8	254	15.4	121	13	10	13	100	--	--	34	47	37	39	3.8	0.097	M-190	0	--
	Zirconium	mg/kg	104	BCL	--	--	86.1 J	179 J	4	2	4	100	--	--	19	21	20	20	0.82	0.041	M-190	0	--
Radionuclides	Radium-226	pCi/g	0.023	BCL	--	--	0.494 J	2.36	15	11	15	100	--	--	0.460	1.45	1	0.92	0.27	0.3	SA-59	15	63
	Radium-228	pCi/g	0.046	BCL	--	--	0.946 U	2.92	15	11	15	100	--	--	0.548 J	1.43	1.1	1	0.28	0.27	M-193	15	31
	Thorium-228	pCi/g	0.026	BCL	--	--	1.15	2.28	15	11	15	100	--	--	1.14 J	1.90	1.5	1.5	0.2	0.13	U4U5-1	15	73
	Thorium-230	pCi/g	14	BCL	--	--	0.73 J	3.01	15	11	15	100	--	--	0.652	1.59	1.1	1	0.27	0.27	U4U5-1	0	--
	Thorium-232	pCi/g	13	BCL	--	--	1.22	2.23	15	11	15	100	--	--	0.911 J	1.84 J	1.4	1.4	0.26	0.19	U4U5-1	0	--

TABLE 4-3a. STATISTICAL SUMMARY OF ECA GROUP BE SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Radionuclides	Uranium-234	pCi/g	18	BCL	--	--	0.63 U	2.84	15	11	15	100	--	--	0.761	1.78	1.1	1.1	0.29	0.25	SA-33	0	--
	Uranium-235	pCi/g	0.33	BCL	--	--	0.0009	0.21 J	15	11	15	100	--	--	0.0364 U	0.112	0.053	0.061	0.023	0.38	M-190	0	--
	Uranium-238	pCi/g	1.5	BCL	--	--	0.65 J	2.37	15	11	15	100	--	--	0.777	1.50 J	1	1	0.21	0.21	SA-33	0	--
VOCs	Acetone	µg/kg	100,000,000	BCL	--	--	--	--	73	23	8	11	<1.4	<21	4.1 J	370	20	64	120	1.9	U4U5-71	0	--
	t-Amyl methyl ether	µg/kg	--	--	--	--	--	--	73	23	0	0	<0.083	<2.6	--	--	--	--	--	--	--	--	--
	Benzene	µg/kg	5,310	BCL	--	--	--	--	73	23	0	0	<0.35	<2.6	--	--	--	--	--	--	--	--	--
	Bromobenzene	µg/kg	679,000	BCL	--	--	--	--	73	23	0	0	<0.31	<2.6	--	--	--	--	--	--	--	--	--
	Bromochloromethane	µg/kg	628,000	BCL	--	--	--	--	73	23	0	0	<0.31	<2.6	--	--	--	--	--	--	--	--	--
	Bromodichloromethane	µg/kg	1,300	BCL	--	--	--	--	73	23	0	0	<0.39	<2.6	--	--	--	--	--	--	--	--	--
	Bromoform	µg/kg	95,300	BCL	--	--	--	--	73	23	0	0	<0.32	<5.2	--	--	--	--	--	--	--	--	--
	Bromomethane	µg/kg	30,300	BCL	--	--	--	--	73	23	0	0	<0.48	<2.6	--	--	--	--	--	--	--	--	--
	2-Butanone	µg/kg	28,400,000	BCL	--	--	--	--	73	23	5	6.8	<0.71	<13	1.0 J	5.5 J	2.1	2.5	1.7	0.69	SA-33	0	--
	n-Butylbenzene	µg/kg	108,000	BCL	--	--	--	--	73	23	2	2.7	<0.48	<2.6	0.74 J	1.2 J	0.97	0.97	0.33	0.34	U4U5-1	0	--
	sec-Butylbenzene	µg/kg	145,000	BCL	--	--	--	--	73	23	0	0	<0.48	<2.6	--	--	--	--	--	--	--	--	--
	tert-Butylbenzene	µg/kg	183,000	BCL	--	--	--	--	73	23	0	0	<0.42	<2.6	--	--	--	--	--	--	--	--	--
	Carbon tetrachloride	µg/kg	2,960	BCL	--	--	--	--	73	23	0	0	<0.34	<2.6	--	--	--	--	--	--	--	--	--
	Chlorobenzene	µg/kg	1,370,000	BCL	--	--	--	--	73	23	0	0	<0.36	<2.6	--	--	--	--	--	--	--	--	--
	Chloroethane	µg/kg	2,120,000	BCL	--	--	--	--	73	23	0	0	<0.36	<5.2	--	--	--	--	--	--	--	--	--
	Chloroform	µg/kg	1,390	BCL	--	--	--	--	73	23	5	6.8	<0.33	<2.6	0.47 J	1.7 J	0.84	1	0.48	0.46	U4U5-71	0	--
	Chloromethane	µg/kg	464,000	BCL	--	--	--	--	73	23	0	0	<0.43	<2.6	--	--	--	--	--	--	--	--	--
	2-Chlorotoluene	µg/kg	907,000	BCL	--	--	--	--	73	23	0	0	<0.46	<2.6	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	µg/kg	26,000,000	BCL	--	--	--	--	73	23	0	0	<0.41	<2.6	--	--	--	--	--	--	--	--	--
	Cumene	µg/kg	10,400,000	BCL	--	--	--	--	73	23	1	1.4	<0.38	<2.6	0.65 J	0.65 J	0.65	0.65	--	--	U4U5-74	0	--
	p-Cymene	µg/kg	147,000	BCL	--	--	--	--	73	23	1	1.4	<0.48	<2.6	0.68 J	0.68 J	0.68	0.68	--	--	U4U5-74	0	--
	1,2-Dibromo-3-chloropropane	µg/kg	64.9	BCL	--	--	--	--	73	23	0	0	<0.52	<5.2	--	--	--	--	--	--	--	--	--
	Dibromochloromethane	µg/kg	43,300	BCL	--	--	--	--	73	23	0	0	<0.25	<2.6	--	--	--	--	--	--	--	--	--
	1,2-Dibromoethane	µg/kg	168	BCL	--	--	--	--	73	23	0	0	<0.23	<2.6	--	--	--	--	--	--	--	--	--
	Dibromomethane	µg/kg	98,900	BCL	--	--	--	--	73	23	0	0	<0.25	<2.6	--	--	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	µg/kg	376,000	BCL	--	--	--	--	73	23	0	0	<0.30	<2.6	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	µg/kg	373,000	BCL	--	--	--	--	73	23	0	0	<0.39	<2.6	--	--	--	--	--	--	--	--	--
	1,4-Dichlorobenzene	µg/kg	11,500	BCL	--	--	--	--	73	23	0	0	<0.48	<2.6	--	--	--	--	--	--	--	--	--
	Dichlorodifluoromethane	µg/kg	368,000	BCL	--	--	--	--	73	23	0	0	<0.39	<5.2	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethane	µg/kg	15,800	BCL	--	--	--	--	73	23	0	0	<0.35	<2.6	--	--	--	--	--	--	--	--	--
	1,2-Dichloroethane	µg/kg	2,100	BCL	--	--	--	--	73	23	0	0	<0.27	<2.6	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethene	µg/kg	20,000	BCL	--	--	--	--	73	23	0	0	<0.28	<2.6	--	--	--	--	--	--	--	--	--
	cis-1,2-Dichloroethene	µg/kg	400,000	BCL	--	--	--	--	73	23	0	0	<0.24	<2.6	--	--	--	--	--	--	--	--	--
	trans-1,2-Dichloroethene	µg/kg	304,000	BCL	--	--	--	--	73	23	0	0	<0.39	<2.6	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	µg/kg	11,700	BCL	--	--	--	--	73	23	0	0	<0.30	<2.6	--	--	--	--	--	--	--	--	--
	1,3-Dichloropropane	µg/kg	26,000,000	BCL	--	--	--	--	73	23	0	0	<0.27	<2.6	--	--	--	--	--	--	--	--	--
	2,2-Dichloropropane	µg/kg	--	--	--	--	--	--	73	23	0	0	<0.25	<2.6	--	--	--	--	--	--	--	--	--
	1,1-Dichloropropene	µg/kg	--	--	--	--	--	--	73	23	0	0	<0.30	<2.6	--	--	--	--	--	--	--	--	--
	cis-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	73	23	0	0	<0.26	<2.6	--	--	--	--	--	--	--	--	--
	trans-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	73	23	0	0	<0.28	<2.6	--	--	--	--	--	--	--	--	--
	Diisopropyl ether	µg/kg	2,260,000	BCL	--	--	--	--	73	23	0	0	<0.18	<2.6	--	--	--	--	--	--	--	--	--
	Ethyl benzene	µg/kg	26,600	BCL	--	--	--	--	73	23	1	1.4	<0.48	<2.6	5.3	5.3	5.3	5.3	--	--	U4U5-76	0	--
	Ethyl tert-butyl ether	µg/kg	560,000	RSL	--	--	--	--	73	23	1	1.4	<0.18	<1.3	2.6 J	2.6 J	2.6	2.6	--	--	U4U5-76	0	--
	Hexachlorobutadiene	µg/kg	5,610	BCL	--	--	--	--	73	23	0	0	<0.48	<2.6	--	--	--	--	--	--	--	--	--
	2-Hexanone	µg/kg	1,490,000	BCL	--	--	--	--	73	23	2	2.7	<0.66	<13	0.66 J	0.66 J	0.66	0.66	0	0	SA-33	0	--
	Methyl tert-butyl ether	µg/kg	217,000	BCL	--	--	--	--	73	23	0	0	<0.24	<2.6	--	--	--	--	--	--	--	--	--
	Methylene Chloride	µg/kg	1,130,000	BCL	--	--	--	--	73	23	1	1.4	<0.29	<13	0.41 J	0.41 J	0.41	0.41	--	--	RSAR8	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	73	23	2	2.7	<0.69	<5.2	2.6 J	5.0	3.8	3.8	1.7	0.45	U4U5-76	0	--
	4-Methyl-2-pentanone	µg/kg	3,360,000	BCL	--	--	--	--	73	23	0	0	<0.49	<6.5	--	--	--	--	--	--	--	--	--
	n-Propylbenzene	µg/kg	264,000	BCL	--	--	--	--	73	23	1	1.4	<0.39	<2.6	1.0 J	1.0 J	1	1	--	--	U4U5-74	0	--
	Styrene	µg/kg	867,000	BCL	--	--	--	--	73	23	0	0	<0.34	<2.6	--	--	--	--	--	--	--	--	--
	1,1,1,2-Tetrachloroethane	µg/kg	9,070	BCL	--	--	--	--	73	23	0	0	<0.21	<2.6	--	--	--	--	--	--	--	--	--
	1,1,2,2-Tetrachloroethane	µg/kg	2,910	BCL	--	--	--	--	73	23	0	0	<0.30	<2.6	--	--	--	--	--	--	--	--	--

TABLE 4-3a. STATISTICAL SUMMARY OF ECA GROUP BE SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	Tetrachloroethene	µg/kg	107,000	BCL	--	--	--	--	73	23	0	0	<0.37	<2.6	--	--	--	--	--	--	--	--	--
	Toluene	µg/kg	818,000	BCL	--	--	--	--	73	23	3	4.1	<0.24	<2.6	0.97 J	3.4	1.7	2	1.2	0.62	U4U5-76	0	--
	1,2,3-Trichlorobenzene	µg/kg	151,000	BCL	--	--	--	--	73	23	1	1.4	<0.48	<2.6	1.1 J	1.1 J	1.1	1.1	--	--	U4U5-1	0	--
	1,2,4-Trichlorobenzene	µg/kg	125,000	BCL	--	--	--	--	73	23	0	0	<0.48	<2.6	--	--	--	--	--	--	--	--	--
	1,1,1-Trichloroethane	µg/kg	640,000	BCL	--	--	--	--	73	23	0	0	<0.16	<2.6	--	--	--	--	--	--	--	--	--
	1,1,2-Trichloroethane	µg/kg	5,280	BCL	--	--	--	--	73	23	0	0	<0.44	<2.6	--	--	--	--	--	--	--	--	--
	Trichloroethene	µg/kg	6,310	BCL	--	--	--	--	73	23	0	0	<0.30	<2.6	--	--	--	--	--	--	--	--	--
	Trichlorofluoromethane	µg/kg	1,230,000	BCL	--	--	--	--	73	23	1	1.4	<0.25	<2.6	1.5 J	1.5 J	1.5	1.5	--	--	U4U5-71	0	--
	1,2,3-Trichloropropane	µg/kg	121	BCL	--	--	--	--	73	23	0	0	<0.40	<2.6	--	--	--	--	--	--	--	--	--
	1,2,4-Trimethylbenzene	µg/kg	219,000	BCL	--	--	--	--	73	23	3	4.1	<0.47	<2.6	1.6	7.9 J+	3.5	4.3	3.2	0.75	U4U5-74	0	--
	1,3,5-Trimethylbenzene	µg/kg	182,000	BCL	--	--	--	--	73	23	3	4.1	<0.39	<2.6	0.95 J	4.6 J+	0.97	2.2	2.1	0.97	U4U5-74	0	--
	Vinyl chloride	µg/kg	1,870	BCL	--	--	--	--	73	23	0	0	<0.36	<2.6	--	--	--	--	--	--	--	--	--
	m,p-Xylene	µg/kg	--	--	--	--	--	--	73	23	1	1.4	<0.70	<5.2	29	29	29	29	--	--	U4U5-76	--	--
	o-Xylene	µg/kg	434,000	BCL	--	--	--	--	73	23	1	1.4	<0.48	<2.6	10	10	10	10	--	--	U4U5-76	0	--
	Xylenes (total)	µg/kg	260,000	BCL	--	--	--	--	60	13	1	1.7	<0.96	<5.2	39	39	39	39	--	--	U4U5-76	0	--
	tert Butyl alcohol	µg/kg	7,270,000	BCL	--	--	--	--	73	23	6	8.2	<5.3	<13	7.0 NJ	140 J	26	50	53	1.1	U4U5-76	0	--
SVOCs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	12	10	0	0	<1.1	<220	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	12	10	1	8.3	<0.77	<230	5.1 J	5.1 J	5.1	5.1	--	--	SA-112	0	--
	Aniline	µg/kg	619,000	BCL	--	--	--	--	4	2	0	0	<91	<280	--	--	--	--	--	--	--	--	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	12	10	1	8.3	<1.3	<260	12 J	12 J	12	12	--	--	SA-112	0	--
	Benzidine	µg/kg	15.3	BCL	--	--	--	--	4	2	0	0	<710	<2,100	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	12	10	4	33.3	<0.61	<230	4.3 J	36	7.2	14	15	1.1	SA-112	0	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	12	10	3	25	<0.72	<220	6.4 J	32 J	7.5	15	14	0.95	SA-112	0	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	12	10	2	16.7	<1.2	<230	8.6	51	30	30	30	1	SA-112	0	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	12	10	3	25	<1.3	<360	5.0 J	37	6.8	16	18	1.1	SA-112	0	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	12	10	2	16.7	<0.86	<230	5.7 J	34 J	20	20	20	1	SA-112	0	--
	Benzoic acid	µg/kg	100,000,000	BCL	--	--	--	--	3	1	0	0	<360	<370	--	--	--	--	--	--	--	--	--
	Benzyl alcohol	µg/kg	91,200,000	BCL	--	--	--	--	4	2	0	0	<160	<490	--	--	--	--	--	--	--	--	--
	4-Bromophenyl-phenyl ether	µg/kg	--	--	--	--	--	--	4	2	0	0	<80	<240	--	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	µg/kg	1,860,000	BCL	--	--	--	--	12	10	1	8.3	<2.5	<260	8.6 J	8.6 J	8.6	8.6	--	--	RSAR8	0	--
	4-Chloroaniline	µg/kg	17,600	BCL	--	--	--	--	4	2	0	0	<140	<430	--	--	--	--	--	--	--	--	--
	2-Chloronaphthalene	µg/kg	175,000	BCL	--	--	--	--	4	2	0	0	<72	<220	--	--	--	--	--	--	--	--	--
	2-Chlorophenol	µg/kg	6,490,000	BCL	--	--	--	--	4	2	0	0	<75	<230	--	--	--	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	µg/kg	--	--	--	--	--	--	4	2	0	0	<91	<280	--	--	--	--	--	--	--	--	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	12	10	4	33.3	<1.1	<240	5.0 J	56	11	21	24	1.1	SA-112	0	--
	Di-n-butylphthalate	µg/kg	91,200,000	BCL	--	--	--	--	12	10	1	8.3	<30	<290	61 J	61 J	61	61	--	--	SA-34	0	--
	Di-n-octylphthalate	µg/kg	9,120,000	BCL	--	--	--	--	12	10	0	0	<1.2	<290	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	12	10	0	0	<0.80	<320	--	--	--	--	--	--	--	--	--
	Dibenzofuran	µg/kg	171,000	BCL	--	--	--	--	4	2	0	0	<72	<220	--	--	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	µg/kg	7,840	BCL	--	--	--	--	4	2	0	0	<160	<490	--	--	--	--	--	--	--	--	--
	2,4-Dichlorophenol	µg/kg	2,740,000	BCL	--	--	--	--	4	2	0	0	<72	<220	--	--	--	--	--	--	--	--	--
	Diethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	12	10	0	0	<27	<630	--	--	--	--	--	--	--	--	--
	2,4-Dimethylphenol	µg/kg	18,200,000	BCL	--	--	--	--	4	2	0	0	<140	<420	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	12	10	1	8.3	<0.93	<220	3.6 J	3.6 J	3.6	3.6	--	--	SA-34	0	--
	2,4-Dinitrophenol	µg/kg	1,820,000	BCL	--	--	--	--	4	2	0	0	<350	<1,100	--	--	--	--	--	--	--	--	--
	2,4-Dinitrotoluene	µg/kg	11,400	BCL	--	--	--	--	4	2	0	0	<86	<260	--	--	--	--	--	--	--	--	--
	2,6-Dinitrotoluene	µg/kg	2,350	BCL	--	--	--	--	4	2	0	0	<100	<310	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	µg/kg	27,200	BCL	--	--	--	--	8	8	0	0	<5.2	<290	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	12	10	4	33.3	<1.5	<230	7.8	49	11	20	20	1	SA-112	0	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	12	10	0	0	<0.72	<230	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	13	10	4	30.8	<0.88	<230	10 J	770	420	400	360	0.9	SA-68	2	3.3
	Hexachlorocyclopentadiene	µg/kg	7,460	BCL	--	--	--	--	4	2	0	0	<140	<430	--	--	--	--	--	--	--	--	--
	Hexachloroethane	µg/kg	8,470	BCL	--	--	--	--	4	2	0	0	<140	<430	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	12	10	4	33.3	<0.95	<420	5.7 J	29 J	7.4	12	11	0.9	SA-112	0	--
	Isophorone	µg/kg	3,710,000	BCL	--	--	--	--	4	2	0	0	<72	<220	--	--	--	--	--	--	--	--	--
	1-Methylnaphthalene	µg/kg	770	BCL	--	--	--	--	4	2	0	0	<160	<490	--	--	--	--	--	--	--	--	--

TABLE 4-3a. STATISTICAL SUMMARY OF ECA GROUP BE SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
SVOCs	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	12	10	0	0	<0.59	<230	--	--	--	--	--	--	--	--	--
	2-Methylphenol	µg/kg	45,600,000	BCL	--	--	--	--	4	2	0	0	<86	<260	--	--	--	--	--	--	--	--	--
	3&4-Methylphenol	µg/kg	16,000,000	RSL	--	--	--	--	4	2	0	0	<140	<430	--	--	--	--	--	--	--	--	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	12	10	0	0	<0.88	<220	--	--	--	--	--	--	--	--	--
	2-Nitroaniline	µg/kg	8,840,000	BCL	--	--	--	--	4	2	0	0	<72	<220	--	--	--	--	--	--	--	--	--
	3-Nitroaniline	µg/kg	--	--	--	--	--	--	4	2	0	0	<140	<430	--	--	--	--	--	--	--	--	--
	4-Nitroaniline	µg/kg	176,000	BCL	--	--	--	--	4	2	0	0	<140	<430	--	--	--	--	--	--	--	--	--
	Nitrobenzene	µg/kg	22,500	BCL	--	--	--	--	12	10	0	0	<1.9	<230	--	--	--	--	--	--	--	--	--
	2-Nitrophenol	µg/kg	--	--	--	--	--	--	4	2	0	0	<140	<430	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	µg/kg	7,290,000	BCL	--	--	--	--	4	2	0	0	<150	<450	--	--	--	--	--	--	--	--	--
	n-Nitrosodiphenylamine	µg/kg	720,000	BCL	--	--	--	--	4	2	0	0	<86	<260	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	µg/kg	--	--	--	--	--	--	12	10	1	8.3	<3.7	<7,500	150	150	150	150	--	--	SA-68	--	--
	Pentachlorophenol	µg/kg	8,450	BCL	--	--	--	--	4	2	0	0	<360	<1,100	--	--	--	--	--	--	--	--	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	12	10	2	16.7	<1.9	<220	2.5 J	10 J	6.2	6.2	5.3	0.85	SA-112	0	--
	Phenol	µg/kg	100,000,000	BCL	--	--	--	--	4	2	0	0	<97	<290	--	--	--	--	--	--	--	--	--
	Phthalic acid	µg/kg	100,000,000	BCL	--	--	--	--	2	1	0	0	<1,300	<4,100	--	--	--	--	--	--	--	--	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	12	10	5	41.7	<1.1	<260	7.1	63 J	9.1	28	28	0.98	SA-33	0	--
	Pyridine	µg/kg	1,300,000	BCL	--	--	--	--	12	10	0	0	<28	<560	--	--	--	--	--	--	--	--	--
	2,4,5-Trichlorophenol	µg/kg	91,200,000	BCL	--	--	--	--	4	2	0	0	<140	<420	--	--	--	--	--	--	--	--	--
	2,4,6-Trichlorophenol	µg/kg	321,000	BCL	--	--	--	--	4	2	0	0	<80	<240	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	µg/kg	2,740,000	BCL	--	--	--	--	4	2	0	0	<140	<430	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	µg/kg	1,150	BCL	--	--	--	--	4	2	0	0	<75	<230	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	µg/kg	252,000	BCL	--	--	--	--	12	10	1	8.3	<97	<690	68 J	68 J	68	68	--	--	SSAR7-02	0	--
	4-Chloro-3-methylphenol	µg/kg	91,200,000	BCL	--	--	--	--	4	2	0	0	<75	<230	--	--	--	--	--	--	--	--	--
	n-Nitroso-di-n-propylamine	µg/kg	504	BCL	--	--	--	--	4	2	0	0	<75	<230	--	--	--	--	--	--	--	--	--
PAHs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	4	2	0	0	<4.2	<4.4	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	4	2	0	0	<4.2	<4.4	--	--	--	--	--	--	--	--	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	4	2	0	0	<4.2	<4.4	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	4	2	1	25	<4.2	<4.4	5.1 J	5.1 J	5.1	5.1	--	--	M-190	0	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	4	2	1	25	<4.2	<4.4	5.0 J	5.0 J	5	5	--	--	M-190	0	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	4	2	1	25	<4.2	<4.4	12 J	12 J	12	12	--	--	M-190	0	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	4	2	1	25	<4.2	<4.4	6.2 J	6.2 J	6.2	6.2	--	--	M-190	0	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	4	2	0	0	<4.2	<4.4	--	--	--	--	--	--	--	--	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	4	2	1	25	<4.2	<4.4	9.4 J	9.4 J	9.4	9.4	--	--	M-190	0	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	4	2	0	0	<4.2	<4.4	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	4	2	1	25	<4.2	<4.4	5.5 J	5.5 J	5.5	5.5	--	--	M-190	0	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	4	2	0	0	<4.2	<4.4	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	4	2	1	25	<4.2	<4.4	6.5 J	6.5 J	6.5	6.5	--	--	M-190	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	4	2	0	0	<4.2	<4.4	--	--	--	--	--	--	--	--	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	4	2	0	0	<4.2	<4.4	--	--	--	--	--	--	--	--	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	4	2	1	25	<4.2	<4.4	5.8 J	5.8 J	5.8	5.8	--	--	M-190	0	--
PCBs	Aroclor-1016	µg/kg	45,200	BCL	--	--	--	--	10	8	0	0	<18	<35	--	--	--	--	--	--	--	--	--
	Aroclor-1221	µg/kg	1,280	BCL	--	--	--	--	10	8	0	0	<18	<77	--	--	--	--	--	--	--	--	--
	Aroclor-1232	µg/kg	1,060	BCL	--	--	--	--	10	8	0	0	<18	<35	--	--	--	--	--	--	--	--	--
	Aroclor-1242	µg/kg	1,550	BCL	--	--	--	--	10	8	0	0	<18	<53	--	--	--	--	--	--	--	--	--
	Aroclor-1248	µg/kg	1,560	BCL	--	--	--	--	10	8	0	0	<18	<35	--	--	--	--	--	--	--	--	--
	Aroclor-1254	µg/kg	1,600	BCL	--	--	--	--	10	8	0	0	<18	<35	--	--	--	--	--	--	--	--	--
	Aroclor-1260	µg/kg	1,650	BCL	--	--	--	--	14	10	7	50	<18	<56	21 J	510 J+	150	200	180	0.9	SA-33	0	--
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	26.7	BCL	--	--	--	--	17	13	7	41.2	<0.038	<0.55	0.80	26.4	11	12	9.5	0.79	SA-68	0	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	17	13	7	41.2	<0.058	<2.7	1.7 JK	80.1	38	39	30	0.76	SA-68	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	17	13	7	41.2	<0.038	<2.7	1.1 J	68.0	32	29	23	0.77	SA-68	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	17	13	10	58.8	<0.035	<2.7	0.093 J	126	28	41	45	1.1	SA-68	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	581	BCL	--	--	--	--	17	13	10	58.8	<0.033	<2.7	0.13 J	143	22	42	51	1.2	SA-68	0	--
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	17	13	14	82.4	<0.10	<2.7	0.14 J	492	5.2	110	160	1.4	SA-68	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	17	13	17	100	--	--	0.58 J	650	9.6	140	220	1.5	SA-33	--	--
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	--	--	--	--	--	--	17	13	16	94.1	<0.029	<0.029	0.066 J	800	2	150	250	1.7	SA-68	--	--

TABLE 4-3a. STATISTICAL SUMMARY OF ECA GROUP BE SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Dioxins/Furans	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	17	13	11	64.7	<0.042	<2.7	0.26 J	900	190	310	350	1.1	SA-33	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	17	13	10	58.8	<0.044	<2.7	0.27 JK	420	130	170	180	1	SA-33	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	17	13	13	76.5	<0.065	<2.7	0.17 J	1,930	37	560	760	1.4	SA-68	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	17	13	13	76.5	<0.052	<2.7	0.077 J	1,300	24	350	480	1.4	SA-33	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	17	13	7	41.2	<0.052	<32	0.280 J	283	90	100	98	0.94	SA-68	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	17	13	9	52.9	<0.050	<2.7	0.46 J	360	97	130	130	0.99	SA-33	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	17	13	16	94.1	<0.11	<0.11	0.17 JK	4,600 J	4.6	970	1,500	1.5	SA-33	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	17	13	12	70.6	<0.051	<2.7	0.17 J	1,700	190	550	660	1.2	SA-33	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	pg/g	--	--	--	--	--	--	17	13	17	100	--	--	0.44 J	12,000	19	2,600	4,100	1.6	SA-33	--	--
	Total Dioxin/Furan TEQ (Calculated)	pg/g	2,700	SS	--	--	--	--	8	6	8	100	--	--	0.12	721	76	190	270	1.4	SA-68	0	--
Pesticides - OCPs	Aldrin	µg/kg	205	BCL	--	--	--	--	6	4	0	0	<0.90	<5.0	--	--	--	--	--	--	--	--	--
	alpha-BHC	µg/kg	274,000	BCL	--	--	--	--	6	4	0	0	<0.90	<5.0	--	--	--	--	--	--	--	--	--
	beta-BHC	µg/kg	54,700	BCL	--	--	--	--	6	4	0	0	<0.90	<5.0	--	--	--	--	--	--	--	--	--
	delta-BHC	µg/kg	333,000	BCL	--	--	--	--	6	4	0	0	<0.90	<5.0	--	--	--	--	--	--	--	--	--
	gamma-BHC	µg/kg	11,100	BCL	--	--	--	--	6	4	0	0	<0.90	<5.0	--	--	--	--	--	--	--	--	--
	Chlordane (total)	µg/kg	--	--	--	--	--	--	2	2	0	0	<4.5	<4.6	--	--	--	--	--	--	--	--	--
	alpha-Chlordane	µg/kg	500,000	RSL	--	--	--	--	6	4	0	0	<0.90	<6.6	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	µg/kg	500,000	RSL	--	--	--	--	6	4	0	0	<0.90	<5.0	--	--	--	--	--	--	--	--	--
	4,4'-DDD	µg/kg	14,700	BCL	--	--	--	--	6	4	0	0	<1.6	<5.0	--	--	--	--	--	--	--	--	--
	2,4'-DDE	µg/kg	--	--	--	--	--	--	4	2	1	25	<1.6	<5.0	1.7 J	1.7 J	1.7	1.7	--	--	M-190	--	--
	4,4'-DDE	µg/kg	10,300	BCL	--	--	--	--	6	4	2	33.3	<1.6	<5.0	15	30	22	22	11	0.47	M-190	0	--
	4,4'-DDT	µg/kg	10,600	BCL	--	--	--	--	6	4	2	33.3	<1.6	<5.0	10	19	14	14	6.4	0.44	M-190	0	--
	Dieldrin	µg/kg	220	BCL	--	--	--	--	6	4	0	0	<1.6	<5.0	--	--	--	--	--	--	--	--	--
	Endosulfan I	µg/kg	--	--	--	--	--	--	6	4	0	0	<0.90	<5.0	--	--	--	--	--	--	--	--	--
	Endosulfan II	µg/kg	--	--	--	--	--	--	6	4	0	0	<1.6	<5.0	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	µg/kg	4,900,000	RSL	--	--	--	--	6	4	0	0	<1.8	<6.6	--	--	--	--	--	--	--	--	--
	Endrin	µg/kg	274,000	BCL	--	--	--	--	6	4	0	0	<1.6	<5.0	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	µg/kg	--	--	--	--	--	--	6	4	0	0	<1.6	<5.0	--	--	--	--	--	--	--	--	--
	Endrin ketone	µg/kg	--	--	--	--	--	--	6	4	0	0	<1.8	<6.6	--	--	--	--	--	--	--	--	--
	Heptachlor	µg/kg	696	BCL	--	--	--	--	6	4	0	0	<0.90	<6.6	--	--	--	--	--	--	--	--	--
	Heptachlor epoxide	µg/kg	366	BCL	--	--	--	--	6	4	0	0	<0.90	<6.6	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	2	2	2	100	--	--	1.3 J	5.4	3.4	3.4	2.9	0.87	SA-132	0	--
	Methoxychlor	µg/kg	4,560,000	BCL	--	--	--	--	6	4	0	0	<1.6	<9.2	--	--	--	--	--	--	--	--	--
	Toxaphene	µg/kg	3,210	BCL	--	--	--	--	6	4	0	0	<18	<170	--	--	--	--	--	--	--	--	--
Pesticides - OPPs	Atrazine	µg/kg	15,300	BCL	--	--	--	--	4	2	0	0	<12	<13	--	--	--	--	--	--	--	--	--
	Chlorpyrifos	µg/kg	912,000	BCL	--	--	--	--	4	2	0	0	<6.6	7.2 UJ	--	--	--	--	--	--	--	--	--
	Coumaphos	µg/kg	--	--	--	--	--	--	4	2	0	0	<2.9	<3.1	--	--	--	--	--	--	--	--	--
	Dasanit	µg/kg	--	--	--	--	--	--	4	2	0	0	<8.3	9.0 UJ	--	--	--	--	--	--	--	--	--
	Demeton (O + S)	µg/kg	36,500	BCL	--	--	--	--	4	2	0	0	<7.7	8.3 UJ	--	--	--	--	--	--	--	--	--
	Demeton-O	µg/kg	--	--	--	--	--	--	4	2	0	0	<5.4	5.9 UJ	--	--	--	--	--	--	--	--	--
	Demeton-S	µg/kg	--	--	--	--	--	--	4	2	0	0	<5.0	5.4 UJ	--	--	--	--	--	--	--	--	--
	Diazinon	µg/kg	638,000	BCL	--	--	--	--	4	2	0	0	<7.4	8.0 UJ	--	--	--	--	--	--	--	--	--
	Dichlorovos	µg/kg	12,200	BCL	--	--	--	--	4	2	0	0	<7.6	8.2 UJ	--	--	--	--	--	--	--	--	--
	Dimethoate	µg/kg	2,010,000	BCL	--	--	--	--	4	2	0	0	<7.2	7.8 UJ	--	--	--	--	--	--	--	--	--
	Disulfoton	µg/kg	36,500	BCL	--	--	--	--	4	2	0	0	<7.9	8.6 UJ	--	--	--	--	--	--	--	--	--
	EPN	µg/kg	9,120	BCL	--	--	--	--	4	2	0	0	<3.8	4.1 UJ	--	--	--	--	--	--	--	--	--
	Ethoprop	µg/kg	--	--	--	--	--	--	4	2	0	0	<5.0	5.5 UJ	--	--	--	--	--	--	--	--	--
	Famphur	µg/kg	--	--	--	--	--	--	4	2	0	0	<3.3	3.6 UJ	--	--	--	--	--	--	--	--	--
	Fenthion	µg/kg	--	--	--	--	--	--	4	2	0	0	<8.9	9.7 UJ	--	--	--	--	--	--	--	--	--
	Guthion	µg/kg	2,740,000	BCL	--	--	--	--	4	2	0	0	<3.6	3.9 UJ	--	--	--	--	--	--	--	--	--
	Malathion	µg/kg	18,200,000	BCL	--	--	--	--	4	2	0	0	<4.7	<5.1	--	--	--	--	--	--	--	--	--
	Merphos	µg/kg	1,030	BCL	--	--	--	--	4	2	0	0	<5.3	5.7 UJ	--	--	--	--	--	--	--	--	--
	Methyl parathion	µg/kg	228,000	BCL	--	--	--	--	4	2	0	0	<6.5	7.1 UJ	--	--	--	--	--	--	--	--	--
	Mevinphos	µg/kg	--	--	--	--	--	--	4	2	0	0	<4.7	5.1 UJ	--	--	--	--	--	--	--	--	--
	Naled	µg/kg	1,290	BCL	--	--	--	--	4	2	0	0	<23	<25	--	--	--	--	--	--	--	--	--
	Parathion	µg/kg	5,470,000	BCL	--	--	--	--	4	2	0	0	<5.4	5.9 UJ	--	--	--	--	--	--	--	--	--

TABLE 4-3a. STATISTICAL SUMMARY OF ECA GROUP BE SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Pesticides - OPPs	Phorate	µg/kg	182,000	BCL	--	--	--	--	4	2	0	0	<5.8	6.3 UJ	--	--	--	--	--	--	--	--	--
	Prothiophos	µg/kg	--	--	--	--	--	--	4	2	0	0	<4.0	<4.3	--	--	--	--	--	--	--	--	--
	Ronnel	µg/kg	26,800	BCL	--	--	--	--	4	2	0	0	<16	<17	--	--	--	--	--	--	--	--	--
	Simazine	µg/kg	29,400	BCL	--	--	--	--	4	2	0	0	<23	<24	--	--	--	--	--	--	--	--	--
	Stirophos	µg/kg	147,000	BCL	--	--	--	--	4	2	0	0	<4.5	<4.8	--	--	--	--	--	--	--	--	--
	Sulfotepp	µg/kg	456,000	BCL	--	--	--	--	4	2	0	0	<6.4	6.9 UJ	--	--	--	--	--	--	--	--	--
	Sulprofos	µg/kg	--	--	--	--	--	--	4	2	0	0	<4.3	4.7 UJ	--	--	--	--	--	--	--	--	--
	Thionazin	µg/kg	--	--	--	--	--	--	4	2	0	0	<5.7	6.2 UJ	--	--	--	--	--	--	--	--	--
	Trichloronate	µg/kg	--	--	--	--	--	--	4	2	0	0	<6.4	6.9 UJ	--	--	--	--	--	--	--	--	--
Petroleum Indicators	Gasoline Range Organics	mg/kg	--	--	--	--	--	--	4	2	0	0	<0.15	<0.16	--	--	--	--	--	--	--	--	--
	Diesel Range Organics	mg/kg	--	--	--	--	--	--	12	10	5	41.7	<2.7	<44	4.3 J	47	13	21	19	0.92	RSAR8	--	--
	Petroleum Hydrocarbons	mg/kg	--	--	--	--	--	--	12	10	5	41.7	<2.7	<44	2.7 J	41	4.6	18	20	1.1	SA-112	--	--
	Diesel Range Organics	mg/kg	--	--	--	--	--	--	12	10	5	41.7	<2.7	<44	4.3 J	47	13	21	19	0.92	RSAR8	--	--
	Petroleum Hydrocarbons	mg/kg	--	--	--	--	--	--	12	10	5	41.7	<2.7	<44	2.7 J	41	4.6	18	20	1.1	SA-112	--	--
	Extractable Fuel Hydrocarbons	mg/kg	--	--	--	--	--	--	4	2	3	75	<2.7	<2.7	7.9	27	8.4	14	11	0.75	M-190	--	--
Asbestos	Long Amphibole Protocol Structures Count	s/samp	0	SS	--	--	--	--	7	7	0	0	0	0	--	--	--	--	--	--	--	--	N/A
	Long Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	7	7	0	0	0	2	--	--	--	--	--	--	--	--	--
	Long Chrysotile Protocol Structures Count	s/samp	5	SS	--	--	--	--	7	7	0	0	0	2	--	--	--	--	--	--	--	--	--
	Short Amphibole Structures Counts	s/samp	--	--	--	--	--	--	7	7	0	0	0	0	--	--	--	--	--	--	--	--	--
	Short Asbestos Structures Counts	s/samp	--	--	--	--	--	--	7	7	0	0	0	0	--	--	--	--	--	--	--	--	--
	Short Chrysotile Structures Counts	s/samp	--	--	--	--	--	--	7	7	0	0	0	0	--	--	--	--	--	--	--	--	--
	Total Amphibole Protocol Structures Count	s/samp	--	--	--	--	--	--	7	7	0	0	0	0	--	--	--	--	--	--	--	--	--
	Total Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	7	7	0	0	0	2	--	--	--	--	--	--	--	--	--
	Total Chrysotile Protocol Structures Count	s/samp	--	--	--	--	--	--	7	7	0	0	0	2	--	--	--	--	--	--	--	--	--

Notes:

1. Health-based soil screening levels (HSSLs).
   SS: Site-specific values for Arsenic and Dioxin/Furan Toxicity Equivalence (TEQ).
   BCL: Lowest level among all available indoor and outdoor industrial worker Basic Comparison Levels (BCLs), NDEP 2025.
   RSL: Regional Screening Levels for industrial soil, USEPA 2024.

	No detections, or maximum detected concentration is below HSSL (if available).
	No HSSL available.
	Radionuclides were determined to be consistent with background or natural concentration of uranium metal across OU-1.
	Essential Nutrient, macronutrient or salt.
	Individual VOCs were used to evaluate the nature and extent of impacts in soil from these compounds.

Sources:

[1] NDEP. 2025. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 17, July.

[2] USEPA. 2024. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund sites. November.

[3] NDEP. 2010. NDEP Response to Background Issues and Determination of Background Dataset for TRX. August 17.

[4] TIMET/BRC. 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity.

TABLE 4-3b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA GROUP BE
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231	231
Phase B	RSAR8	0.5 - 1	10/02/2009	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
		1 - 2.5	10/23/2009	--	--	<0.50	**0.48 JK**	--	**67.7**	**2.31**	**8.2**	**12**	**10,300**	**435 J+**	**0.102**	<0.90	**1.3 J**	<0.88
	SA-33	0.5 - 1	9/08/2009	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
		1 - 2.5	10/20/2009	--	--	**20**	**110**	--	**126 J**	**7.42**	**10**	**36.1**	**7,960**	**2,320 J**	**0.424 J**	--	--	--
			10/20/2009 (FD)	--	--	**17**	**69**	--	**169 J**	**7.52**	**8.1**	**23.4**	**7,650**	**1,520 J**	**0.36 J**	--	--	--
	SA-34	1 - 2.5	10/26/2009	--	--	<0.52	<2.6	--	**3.35**	**1.59**	**8.2**	**10.5**	**8,090**	**400 J**	**0.177**	--	--	<0.89
	SA-59	1 - 2.5	8/28/2009	--	--	<0.124	<0.116	**1.69**	**2.5**	**2.17**	**7.7**	**12.1**	**9,200**	**363**	**0.086**	--	--	<0.88
	SA-68	1.5 - 3	8/31/2009	--	--	**26.4**	**143**	**721**	**0.863**	**2.02**	**24.4**	**13.7**	**10,500**	**1,600 J**	**0.103**	--	--	**770**
	SA-112	0.5	8/25/2009	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
		1 - 2.5	10/22/2009	--	--	**0.80**	**2.1 J**	--	**39.3**	**4.28**	**9.1**	**19.8**	**10,800**	**2,030 J+**	**0.278**	--	--	**10 J**
	SA-132	0.5 - 1	10/02/2009	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
		1 - 2.5	10/23/2009	--	--	<0.55	<2.7	--	**3.06**	**2.68**	**8.4**	**10.4**	**10,200**	**417 J+**	**0.093**	<0.93	**5.4**	--
Pre-Excavation	SA-33	0.5 - 1	6/17/2010	--	--	**5.8**	**20**	**220**	--	--	--	--	--	--	--	--	--	**650 J**
		1.5 - 2.5	8/30/2010	--	--	--	--	--	--	**2.6 J**	--	--	--	--	--	--	--	--
		2.5 - 3.5	8/30/2010	--	--	--	--	--	--	**2.5 J**	--	--	--	--	--	--	--	--
		3.5 - 4.5	8/30/2010	--	--	--	--	--	--	**2.0 J**	--	--	--	--	--	--	--	--
			8/30/2010 (FD)	--	--	--	--	--	--	**2.6 J**	--	--	--	--	--	--	--	--
	SA-68	1 - 1.5	6/21/2010	--	--	**11**	**52**	**460**	--	--	--	--	--	--	--	--	--	**190 J**
	SSAR7-02	1 - 2	4/27/2010	--	--	--	--	--	**0.17 J+**	**3.1**	--	--	--	--	--	--	--	<30
		5 - 6	4/27/2010	--	--	--	--	--	**0.24 J+**	**3.5**	--	--	--	--	--	--	--	--
	SSAR7-03	1 - 2	4/27/2010	--	--	--	--	--	**1.6 J+**	**3.9**	--	--	--	--	--	--	--	--
		5 - 6	4/27/2010	--	--	--	--	--	**1.1 J+**	**4.0**	--	--	--	--	--	--	--	--
	SSAR7-05	1.5 - 2.5	8/31/2010	--	--	--	--	--	--	**25**	--	--	--	--	--	--	--	--
		2.5 - 3.5	8/31/2010	--	--	--	--	--	--	**4.3**	--	--	--	--	--	--	--	--
		3.5 - 4.5	8/31/2010	--	--	--	--	--	--	**2.8**	--	--	--	--	--	--	--	--
	SSAR8-01	1.5	5/11/2010	0	2	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAR8-02	0 - 0.2	8/11/2010	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
			8/11/2010 (FD)	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
2011 Removal Action	EE-B21-1	5.5	5/17/2011	--	--	--	--	--	**3.64**	**3.9**	--	--	--	--	--	--	--	<98
Phase 1 RI	M-190	0.5 - 1	12/05/2014	--	--	**3.1**	**24**	**150**	**0.38**	**3.2**	**9.4**	**18**	**11,000**	**940**	<0.27	<2.2	--	<75
		5 - 5.5	12/05/2014	--	--	<0.10	<0.11	**0.39**	**0.52**	**3.7**	**7.8**	**13**	**10,000**	**630**	<0.27	<2.1	--	<75
	M-193	0.5 - 1	12/04/2014	--	--	<0.053	<0.091	**0.70**	**2.4**	**2.5**	**9.3**	**12**	**10,000**	**480**	<0.28	<6.6	--	<230
		5 - 5.5	12/04/2014	--	--	<0.045	<0.068	**0.12**	**2.0**	**2.6**	**8.1**	**9.0**	**10,000**	**340**	<0.27	<2.2	--	<75
		10 - 10.5	12/04/2014	--	--	--	--	--	**6.7**	**3.6**	**8.3**	**8.7**	**13,000**	**380**	<0.27	--	--	--
Unit Buildings 4 and 5 Investigation	U4U5-1	1	10/28/2015	--	--	<0.046	**0.13 J**	--	**0.047**	--	--	--	--	--	--	--	--	--
		2.5	10/28/2015	--	--	<0.047	<0.033	--	**0.057**	--	--	--	--	--	--	--	--	--
		5	10/28/2015	--	--	<0.038	**0.14 J**	--	**0.026 J**	--	--	--	--	--	--	--	--	--
		7.5	10/28/2015	--	--	--	--	--	<0.012	--	--	--	--	--	--	--	--	--
		10	10/28/2015	--	--	--	--	--	<0.011	--	--	--	--	--	--	--	--	--
	U4U5-26	1	7/15/2016	--	--	--	--	--	**0.15**	--	--	--	--	--	--	--	--	--
		2.5	7/15/2016	--	--	--	--	--	**0.17 J-**	--	--	--	--	--	--	--	--	--
		5	7/15/2016	--	--	--	--	--	**0.47**	--	--	--	--	--	--	--	--	--
		7.5	7/15/2016	--	--	--	--	--	**1.1**	--	--	--	--	--	--	--	--	--
		10	7/15/2016	--	--	--	--	--	**0.60**	--	--	--	--	--	--	--	--	--
	U4U5-35	1	7/15/2016	--	--	--	--	--	**0.60 J-**	--	--	--	--	--	--	--	--	--
			7/15/2016 (FD)	--	--	--	--	--	**0.54**	--	--	--	--	--	--	--	--	--
		2.5	7/15/2016	--	--	--	--	--	**2.0**	--	--	--	--	--	--	--	--	--
		5	7/15/2016	--	--	--	--	--	**1.1**	--	--	--	--	--	--	--	--	--
		7.5	7/15/2016	--	--	--	--	--	**1.8**	--	--	--	--	--	--	--	--	--
	U4U5-44	1	7/14/2016	--	--	--	--	--	**0.090 J-**	--	--	--	--	--	--	--	--	--

TABLE 4-3b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA GROUP BE
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
		HSSL:		0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231	231
Unit Buildings 4 and 5 Investigation	U4U5-44	2.5	7/14/2016	--	--	--	--	--	**0.086**	--	--	--	--	--	--	--	--	--
		5	7/14/2016	--	--	--	--	--	**0.059**	--	--	--	--	--	--	--	--	--
		7.5	7/14/2016	--	--	--	--	--	**0.040 J**	--	--	--	--	--	--	--	--	--
		10	7/14/2016	--	--	--	--	--	**0.62**	--	--	--	--	--	--	--	--	--
	U4U5-52	1	7/01/2016	--	--	--	--	--	**1.3**	--	--	--	--	--	--	--	--	--
		2.5	7/01/2016	--	--	--	--	--	**0.32**	--	--	--	--	--	--	--	--	--
		5	7/01/2016	--	--	--	--	--	**0.029 J**	--	--	--	--	--	--	--	--	--
		7.5	7/01/2016	--	--	--	--	--	**0.21**	--	--	--	--	--	--	--	--	--
		10	7/01/2016	--	--	--	--	--	**0.41**	--	--	--	--	--	--	--	--	--
	U4U5-54	1	7/01/2016	--	--	--	--	--	**0.090**	--	--	--	--	--	--	--	--	--
		2.5	7/01/2016	--	--	--	--	--	**0.10**	--	--	--	--	--	--	--	--	--
		5	7/05/2016	--	--	--	--	--	<0.011	--	--	--	--	--	--	--	--	--
		7.5	7/05/2016	--	--	--	--	--	**0.10**	--	--	--	--	--	--	--	--	--
		10	7/05/2016	--	--	--	--	--	**0.061**	--	--	--	--	--	--	--	--	--
	U4U5-68	1	12/07/2016	--	--	--	--	--	**1.3**	--	--	--	--	--	--	--	--	--
		2.5	12/07/2016	--	--	--	--	--	**1.2**	--	--	--	--	--	--	--	--	--
		5	12/07/2016	--	--	--	--	--	**0.79**	--	--	--	--	--	--	--	--	--
		7.5	12/07/2016	--	--	--	--	--	**0.60**	--	--	--	--	--	--	--	--	--
		10	12/07/2016	--	--	--	--	--	**0.21**	--	--	--	--	--	--	--	--	--
	U4U5-71	1	11/10/2016	--	--	--	--	--	**5.5**	--	--	--	--	--	--	--	--	--
		2.5	11/10/2016	--	--	--	--	--	**3.3**	--	--	--	--	--	--	--	--	--
		5	11/10/2016	--	--	--	--	--	**2.3**	--	--	--	--	--	--	--	--	--
		7.5	11/10/2016	--	--	--	--	--	**2.4**	--	--	--	--	--	--	--	--	--
		10	11/10/2016	--	--	--	--	--	**1.3**	--	--	--	--	--	--	--	--	--
	U4U5-73	1	12/06/2016	--	--	--	--	--	**0.24**	--	--	--	--	--	--	--	--	--
		2.5	12/06/2016	--	--	--	--	--	**0.12**	--	--	--	--	--	--	--	--	--
		5	12/06/2016	--	--	--	--	--	**0.77**	--	--	--	--	--	--	--	--	--
		7.5	12/06/2016	--	--	--	--	--	**4.3**	--	--	--	--	--	--	--	--	--
		10	12/06/2016	--	--	--	--	--	**4.8**	--	--	--	--	--	--	--	--	--
	U4U5-74	1	9/19/2017	--	--	--	--	--	**0.95**	--	--	--	--	**260**	--	--	--	--
		2.5	9/19/2017	--	--	--	--	--	**0.47**	--	--	--	--	**480**	--	--	--	--
		5	9/19/2017	--	--	--	--	--	**0.59**	--	--	--	--	**430**	--	--	--	--
		7.5	9/19/2017	--	--	--	--	--	**0.23**	--	--	--	--	**2,200**	--	--	--	--
		10	9/19/2017	--	--	--	--	--	**0.32**	--	--	--	--	**320**	--	--	--	--
	U4U5-76	1	10/04/2017	--	--	--	--	--	**0.58**	--	--	--	--	--	--	--	--	--
		2.5	10/04/2017	--	--	--	--	--	**0.093**	--	--	--	--	--	--	--	--	--
		5	10/04/2017	--	--	--	--	--	**0.55**	--	--	--	--	--	--	--	--	--
		7.5	10/04/2017	--	--	--	--	--	**0.39**	--	--	--	--	--	--	--	--	--
		10	10/04/2017	--	--	--	--	--	**0.058**	--	--	--	--	--	--	--	--	--
	U4U5-77	1	10/05/2017	--	--	--	--	--	**3.0**	--	--	--	--	--	--	--	--	--
		2.5	10/05/2017	--	--	--	--	--	**0.34**	--	--	--	--	--	--	--	--	--
		5	10/05/2017	--	--	--	--	--	**1.5**	--	--	--	--	--	--	--	--	--
		7.5	10/05/2017	--	--	--	--	--	**2.9**	--	--	--	--	--	--	--	--	--
		10	10/05/2017	--	--	--	--	--	**0.74**	--	--	--	--	--	--	--	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

TABLE 4-3b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA GROUP BE
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231	231

pg/g: picograms per gram
s/samp: strands per sample
HSSL: health-based soil screening level

TABLE 4-4a. STATISTICAL SUMMARY OF ECA C1 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
General Chemistry	Ammonia	mg/kg	27,900	BCL	--	--	--	--	2	1	0	0	<0.061	<0.061	--	--	--	--	--	--	--	--	--
	Bromide	mg/kg	--	--	--	--	--	--	2	1	1	50	<0.2	<0.2	2.5	2.5	2.5	2.5	--	--	SA-56	--	--
	Carbonate as CO_3	mg/kg	--	--	--	--	--	--	2	1	0	0	<3	<3	--	--	--	--	--	--	--	--	--
	Chlorate	mg/kg	38,900	BCL	--	--	--	--	2	1	1	50	<0.043	<0.043	1.31	1.31	1.3	1.3	--	--	SA-56	0	--
	Chloride	mg/kg	--	--	--	--	--	--	2	1	2	100	--	--	357 J+	406 J+	380	380	35	0.091	SA-56	--	--
	Cyanide (total)	mg/kg	164	BCL	--	--	--	--	2	1	0	0	<0.42	<0.42	--	--	--	--	--	--	--	--	--
	Nitrate (as NO_3)	mg/kg	100,000	BCL	--	--	--	--	2	1	2	100	--	--	210 J+	290 J+	250	250	55	0.22	SA-56	0	--
	Nitrite	mg/kg	120,000	RSL	--	--	--	--	2	1	0	0	<0.08	<0.08	--	--	--	--	--	--	--	--	--
	Perchlorate	mg/kg	908	BCL	--	--	--	--	2	1	2	100	--	--	0.108	9.29	4.7	4.7	6.5	1.4	SA-56	0	--
	Sulfate	mg/kg	--	--	--	--	--	--	2	1	2	100	--	--	941	979	960	960	27	0.028	SA-56	--	--
Metals	Aluminum	mg/kg	100,000	BCL	7,340	11,400	3,740 J	15,300 J	2	1	2	100	--	--	6,660	7,010	6,800	6,800	250	0.036	SA-56	0	--
	Antimony	mg/kg	3,450	BCL	0.5 UJ	3.4	0.12 J-	0.5 J-	2	1	1	50	0.5 UJ	0.5 UJ	24.9 J-	24.9 J-	25	25	--	--	SA-56	0	--
	Arsenic	mg/kg	7.2	SS	1.6	4.25	2.5	7.2 J	12	8	12	100	--	--	1.76	50.7	3.1	11	16	1.4	SA-56	3	7
	Barium	mg/kg	100,000	BCL	111	213	73	445 J	2	1	2	100	--	--	170	6,760	3,500	3,500	4,700	1.3	SA-56	0	--
	Beryllium	mg/kg	6,130	BCL	0.362	0.588 J	0.16 J	0.89	2	1	2	100	--	--	0.439	1.49	0.96	0.96	0.74	0.77	SA-56	0	--
	Boron	mg/kg	100,000	BCL	3.6 J	11.7	<3.2	11.6 J+	2	1	2	100	--	--	4.9 J	9.1 J	7	7	3	0.42	SA-56	0	--
	Cadmium	mg/kg	8,180	BCL	<0.04	0.48	<0.129	<0.129	2	1	1	50	<0.04	<0.04	0.37	0.37	0.37	0.37	--	--	SA-56	0	--
	Calcium	mg/kg	--	--	--	--	9,440	82,800 J	2	1	2	100	--	--	23,700	25,100 J	24,000	24,000	990	0.041	SA-56	--	--
	Chromium (total)	mg/kg	--	--	5.57	10.7 J	2.6	16.7	2	1	2	100	--	--	5.51	7.43	6.5	6.5	1.4	0.21	SA-56	--	--
	Chromium VI	mg/kg	564	BCL	<0.18	0.29 J	<0.25	<0.32	2	1	0	0	<0.18	<0.19	--	--	--	--	--	--	--	--	--
	Cobalt	mg/kg	385	BCL	5.4	9.1	3.7 J	16.3 J	2	1	2	100	--	--	6.3	47.3	27	27	29	1.1	SA-56	0	--
	Copper	mg/kg	51,900	BCL	15.8	140	10.2	25.9 J	2	1	2	100	--	--	16.5	78.4	47	47	44	0.92	SA-56	0	--
	Iron	mg/kg	100,000	BCL	11,300	20,600	5,410	19,700	2	1	2	100	--	--	11,800 J	12,400	12,000	12,000	420	0.035	SA-56	0	--
	Lead	mg/kg	800	BCL	7.1	72.8	3 J	35.1	2	1	2	100	--	--	9	425	220	220	290	1.4	SA-56	0	--
	Magnesium	mg/kg	100,000	BCL	7,700	13,000	4,690 J	17,500 J	2	1	2	100	--	--	6,540 J	8,620	7,600	7,600	1,500	0.19	SA-56	0	--
	Manganese	mg/kg	100,000	BCL	262	537	151	863 J	12	8	12	100	--	--	270	61,400 J	460	9,600	19,000	2	SA-56	0	--
	Mercury	mg/kg	3.13	BCL	0.006 J	0.362	<0.0072	0.11	2	1	2	100	--	--	0.007 J	0.079	0.043	0.043	0.051	1.2	SA-56	0	--
	Molybdenum	mg/kg	6,490	BCL	<0.31	32.7	0.3 J	2	2	1	2	100	--	--	0.51	82.2	41	41	58	1.4	SA-56	0	--
	Nickel	mg/kg	50,300	BCL	12.7	21.4	7.9 J	30 J	2	1	2	100	--	--	12.5 J	13.2 J	13	13	0.49	0.039	SA-56	0	--
	Phosphorus (total)	mg/kg	100,000	BCL	--	--	862	2,010	2	1	2	100	--	--	651	1,150	900	900	350	0.39	SA-56	0	--
	Platinum	mg/kg	5,190	BCL	0.006 J	<0.11	<0.0435	0.099 J	2	1	0	0	<0.007	<0.01	--	--	--	--	--	--	--	--	--
	Potassium	mg/kg	--	--	1,450	4,210	625	3,890	2	1	2	100	--	--	1,780	2,510	2,100	2,100	520	0.24	SA-56	--	--
	Selenium	mg/kg	6,490	BCL	<0.7	<4.3	<0.158	0.6	2	1	0	0	<0.7	<40	--	--	--	--	--	--	--	--	--
	Silver	mg/kg	100,000	BCL	<0.2	<0.2	<0.261	<0.261	2	1	1	50	<0.2	<0.2	1.4	1.4	1.4	1.4	--	--	SA-56	0	--
	Sodium	mg/kg	--	--	307	1,050	128	1,320	2	1	2	100	--	--	642	777	710	710	95	0.13	SA-56	--	--
	Strontium	mg/kg	100,000	BCL	129	339	75.5	808 J	2	1	2	100	--	--	163	1,200	680	680	730	1.1	SA-56	0	--
	Thallium	mg/kg	13	BCL	0.071	0.193 J	<0.543	1.8	2	1	2	100	--	--	0.087	61.8	31	31	44	1.4	SA-56	1	4.8
	Tin	mg/kg	100,000	BCL	<10.2	<11	0.24 J	0.8 J	2	1	2	100	--	--	3.4 J	4.3 J	3.8	3.8	0.64	0.17	SA-56	0	--
	Titanium	mg/kg	100,000	BCL	480	1,080	262	1,010 J	2	1	2	100	--	--	563	685	620	620	86	0.14	SA-56	0	--
	Tungsten	mg/kg	1,040	BCL	<0.11	0.62	0.0175 UJ	0.0175 UJ	2	1	2	100	--	--	0.34 J-	48.4 J-	24	24	34	1.4	SA-56	0	--
	Uranium (total)	mg/kg	3,830	BCL	0.655	1.94	0.62 J	2.7	2	1	2	100	--	--	0.844	7.56	4.2	4.2	4.7	1.1	SA-56	0	--
	Vanadium	mg/kg	100,000	BCL	28	54.9	20.2	59.1 J	2	1	2	100	--	--	34	93.3	64	64	42	0.66	SA-56	0	--
	Zinc	mg/kg	100,000	BCL	25.8	254	15.4	121	2	1	2	100	--	--	28 J	115 J	72	72	62	0.86	SA-56	0	--
Radionuclides	Radium-226	pCi/g	0.023	BCL	--	--	0.494 J	2.36	2	1	2	100	--	--	0.197 UJ	0.945 J	0.57	0.57	0.53	0.93	SA-56	2	41
	Radium-228	pCi/g	0.046	BCL	--	--	0.946 U	2.92	2	1	2	100	--	--	0.665	0.784	0.72	0.72	0.084	0.12	SA-56	2	17
	Thorium-228	pCi/g	0.026	BCL	--	--	1.15	2.28	2	1	2	100	--	--	1.55	2.24	1.9	1.9	0.49	0.26	SA-56	2	86
	Thorium-230	pCi/g	14	BCL	--	--	0.73 J	3.01	2	1	2	100	--	--	1.22	2.33	1.8	1.8	0.78	0.44	SA-56	0	--
	Thorium-232	pCi/g	13	BCL	--	--	1.22	2.23	2	1	2	100	--	--	1.19 J	1.93	1.6	1.6	0.52	0.34	SA-56	0	--
	Uranium-234	pCi/g	18	BCL	--	--	0.63 U	2.84	2	1	2	100	--	--	1.05	2.35	1.7	1.7	0.92	0.54	SA-56	0	--
	Uranium-235	pCi/g	0.33	BCL	--	--	0.0009	0.21 J	2	1	2	100	--	--	0.0578	0.142	0.1	0.1	0.06	0.6	SA-56	0	--
	Uranium-238	pCi/g	1.5	BCL	--	--	0.65 J	2.37	2	1	2	100	--	--	0.924 J-	2.28	1.6	1.6	0.96	0.6	SA-56	1	1.5
VOCs	Acetone	µg/kg	100,000,000	BCL	--	--	--	--	2	1	2	100	--	--	2.9 J	3.1 J	3	3	0.14	0.047	SA-56	0	--
	t-Amyl methyl ether	µg/kg	--	--	--	--	--	--	2	1	0	0	<0.091	<0.099	--	--	--	--	--	--	--	--	--
	Benzene	µg/kg	5,310	BCL	--	--	--	--	2	1	0	0	<0.19	<0.38	--	--	--	--	--	--	--	--	--
	Bromobenzene	µg/kg	679,000	BCL	--	--	--	--	2	1	0	0	<0.27	<0.34	--	--	--	--	--	--	--	--	--
	Bromochloromethane	µg/kg	628,000	BCL	--	--	--	--	2	1	0	0	<0.29	<0.34	--	--	--	--	--	--	--	--	--

TABLE 4-4a. STATISTICAL SUMMARY OF ECA C1 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	Bromodichloromethane	µg/kg	1,300	BCL	--	--	--	--	2	1	0	0	<0.19	<0.42	--	--	--	--	--	--	--	--	--
	Bromoform	µg/kg	95,300	BCL	--	--	--	--	2	1	0	0	<0.35	<0.38	--	--	--	--	--	--	--	--	--
	Bromomethane	µg/kg	30,300	BCL	--	--	--	--	2	1	0	0	<0.41	<0.64	--	--	--	--	--	--	--	--	--
	2-Butanone	µg/kg	28,400,000	BCL	--	--	--	--	2	1	0	0	<0.63	<0.68	--	--	--	--	--	--	--	--	--
	n-Butylbenzene	µg/kg	108,000	BCL	--	--	--	--	2	1	0	0	<0.52	<0.63	--	--	--	--	--	--	--	--	--
	sec-Butylbenzene	µg/kg	145,000	BCL	--	--	--	--	2	1	0	0	<0.41	<0.54	--	--	--	--	--	--	--	--	--
	tert-Butylbenzene	µg/kg	183,000	BCL	--	--	--	--	2	1	0	0	<0.29	<0.46	--	--	--	--	--	--	--	--	--
	Carbon tetrachloride	µg/kg	2,960	BCL	--	--	--	--	2	1	0	0	<0.37	<0.41	--	--	--	--	--	--	--	--	--
	Chlorobenzene	µg/kg	1,370,000	BCL	--	--	--	--	2	1	0	0	<0.20	<0.40	--	--	--	--	--	--	--	--	--
	Chloroethane	µg/kg	2,120,000	BCL	--	--	--	--	2	1	0	0	<0.39	<0.40	--	--	--	--	--	--	--	--	--
	Chloroform	µg/kg	1,390	BCL	--	--	--	--	2	1	2	100	--	--	22	29	26	26	4.9	0.19	SA-56	0	--
	Chloromethane	µg/kg	464,000	BCL	--	--	--	--	2	1	0	0	<0.27	<0.47	--	--	--	--	--	--	--	--	--
	2-Chlorotoluene	µg/kg	907,000	BCL	--	--	--	--	2	1	0	0	<0.40	<0.50	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	µg/kg	26,000,000	BCL	--	--	--	--	2	1	0	0	<0.45	<0.49	--	--	--	--	--	--	--	--	--
	Cumene	µg/kg	10,400,000	BCL	--	--	--	--	2	1	0	0	<0.26	<0.41	--	--	--	--	--	--	--	--	--
	p-Cymene	µg/kg	147,000	BCL	--	--	--	--	2	1	0	0	<0.40	<0.53	--	--	--	--	--	--	--	--	--
	1,2-Dibromo-3-chloropropane	µg/kg	64.9	BCL	--	--	--	--	2	1	0	0	<0.57	<0.62	--	--	--	--	--	--	--	--	--
	Dibromochloromethane	µg/kg	43,300	BCL	--	--	--	--	2	1	0	0	<0.28	<0.30	--	--	--	--	--	--	--	--	--
	1,2-Dibromoethane	µg/kg	168	BCL	--	--	--	--	2	1	0	0	<0.25	<0.27	--	--	--	--	--	--	--	--	--
	Dibromomethane	µg/kg	98,900	BCL	--	--	--	--	2	1	0	0	<0.28	<0.30	--	--	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	µg/kg	376,000	BCL	--	--	--	--	2	1	0	0	<0.31	<0.32	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	µg/kg	373,000	BCL	--	--	--	--	2	1	0	0	<0.43	<0.44	--	--	--	--	--	--	--	--	--
	1,4-Dichlorobenzene	µg/kg	11,500	BCL	--	--	--	--	2	1	0	0	<0.53	<0.58	--	--	--	--	--	--	--	--	--
	Dichlorodifluoromethane	µg/kg	368,000	BCL	--	--	--	--	2	1	0	0	<0.43	<0.47	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethane	µg/kg	15,800	BCL	--	--	--	--	2	1	0	0	<0.15	<0.38	--	--	--	--	--	--	--	--	--
	1,2-Dichloroethane	µg/kg	2,100	BCL	--	--	--	--	2	1	0	0	<0.24	<0.29	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethene	µg/kg	20,000	BCL	--	--	--	--	2	1	0	0	<0.29	<0.31	--	--	--	--	--	--	--	--	--
	cis-1,2-Dichloroethene	µg/kg	400,000	BCL	--	--	--	--	2	1	0	0	<0.20	<0.26	--	--	--	--	--	--	--	--	--
	trans-1,2-Dichloroethene	µg/kg	304,000	BCL	--	--	--	--	2	1	0	0	<0.28	<0.43	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	µg/kg	11,700	BCL	--	--	--	--	2	1	0	0	<0.24	<0.32	--	--	--	--	--	--	--	--	--
	1,3-Dichloropropane	µg/kg	26,000,000	BCL	--	--	--	--	2	1	0	0	<0.27	<0.30	--	--	--	--	--	--	--	--	--
	2,2-Dichloropropane	µg/kg	--	--	--	--	--	--	2	1	0	0	<0.26	<0.28	--	--	--	--	--	--	--	--	--
	1,1-Dichloropropene	µg/kg	--	--	--	--	--	--	2	1	0	0	<0.33	<0.36	--	--	--	--	--	--	--	--	--
	cis-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	2	1	0	0	<0.27	<0.28	--	--	--	--	--	--	--	--	--
	trans-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	2	1	0	0	<0.31	<0.33	--	--	--	--	--	--	--	--	--
	Diisopropyl ether	µg/kg	2,260,000	BCL	--	--	--	--	2	1	0	0	<0.20	<0.22	--	--	--	--	--	--	--	--	--
	Ethyl benzene	µg/kg	26,600	BCL	--	--	--	--	2	1	0	0	<0.73	<0.79	--	--	--	--	--	--	--	--	--
	Ethyl tert-butyl ether	µg/kg	560,000	RSL	--	--	--	--	2	1	0	0	<0.20	<0.22	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	µg/kg	5,610	BCL	--	--	--	--	2	1	0	0	<0.62	<0.67	--	--	--	--	--	--	--	--	--
	2-Hexanone	µg/kg	1,490,000	BCL	--	--	--	--	2	1	0	0	<0.59	<0.63	--	--	--	--	--	--	--	--	--
	Methyl tert-butyl ether	µg/kg	217,000	BCL	--	--	--	--	2	1	0	0	<0.20	<0.26	--	--	--	--	--	--	--	--	--
	Methylene Chloride	µg/kg	1,130,000	BCL	--	--	--	--	2	1	2	100	--	--	0.43 J	1.1 J	0.77	0.77	0.47	0.62	SA-56	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	2	1	0	0	<0.75	<0.82	--	--	--	--	--	--	--	--	--
	4-Methyl-2-pentanone	µg/kg	3,360,000	BCL	--	--	--	--	2	1	0	0	<0.54	<0.59	--	--	--	--	--	--	--	--	--
	n-Propylbenzene	µg/kg	264,000	BCL	--	--	--	--	2	1	0	0	<0.35	<0.42	--	--	--	--	--	--	--	--	--
	Styrene	µg/kg	867,000	BCL	--	--	--	--	2	1	0	0	<0.26	<0.37	--	--	--	--	--	--	--	--	--
	1,1,1,2-Tetrachloroethane	µg/kg	9,070	BCL	--	--	--	--	2	1	0	0	<0.22	<0.23	--	--	--	--	--	--	--	--	--
	1,1,2,2-Tetrachloroethane	µg/kg	2,910	BCL	--	--	--	--	2	1	0	0	<0.29	<0.33	--	--	--	--	--	--	--	--	--
	Tetrachloroethene	µg/kg	107,000	BCL	--	--	--	--	2	1	0	0	<0.41	<0.44	--	--	--	--	--	--	--	--	--
	Toluene	µg/kg	818,000	BCL	--	--	--	--	2	1	2	100	--	--	0.30 J	0.32 J	0.31	0.31	0.014	0.046	SA-56	0	--
	1,2,3-Trichlorobenzene	µg/kg	151,000	BCL	--	--	--	--	2	1	0	0	<0.59	<0.65	--	--	--	--	--	--	--	--	--
	1,2,4-Trichlorobenzene	µg/kg	125,000	BCL	--	--	--	--	2	1	0	0	<0.68	<0.73	--	--	--	--	--	--	--	--	--
	1,1,1-Trichloroethane	µg/kg	640,000	BCL	--	--	--	--	2	1	0	0	<0.18	<0.19	--	--	--	--	--	--	--	--	--
	1,1,2-Trichloroethane	µg/kg	5,280	BCL	--	--	--	--	2	1	0	0	<0.21	<0.48	--	--	--	--	--	--	--	--	--
	Trichloroethene	µg/kg	6,310	BCL	--	--	--	--	2	1	0	0	<0.33	<0.36	--	--	--	--	--	--	--	--	--
	Trichlorofluoromethane	µg/kg	1,230,000	BCL	--	--	--	--	2	1	0	0	<0.28	<0.30	--	--	--	--	--	--	--	--	--

TABLE 4-4a. STATISTICAL SUMMARY OF ECA C1 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	1,2,3-Trichloropropane	µg/kg	121	BCL	--	--	--	--	2	1	0	0	<0.44	<0.48	--	--	--	--	--	--	--	--	--
	1,2,4-Trimethylbenzene	µg/kg	219,000	BCL	--	--	--	--	2	1	0	0	<0.34	<0.51	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	µg/kg	182,000	BCL	--	--	--	--	2	1	0	0	<0.26	<0.43	--	--	--	--	--	--	--	--	--
	Vinyl chloride	µg/kg	1,870	BCL	--	--	--	--	2	1	0	0	<0.21	<0.39	--	--	--	--	--	--	--	--	--
	m,p-Xylene	µg/kg	--	--	--	--	--	--	2	1	0	0	<0.57	<0.77	--	--	--	--	--	--	--	--	--
	o-Xylene	µg/kg	434,000	BCL	--	--	--	--	2	1	0	0	<0.52	<0.57	--	--	--	--	--	--	--	--	--
	tert Butyl alcohol	µg/kg	7,270,000	BCL	--	--	--	--	2	1	0	0	<5.8	<6.3	--	--	--	--	--	--	--	--	--
SVOCs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	2	1	0	0	<1.1	<5.1	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	2	1	0	0	<0.77	<3.8	--	--	--	--	--	--	--	--	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	2	1	0	0	<1.3	<6.0	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	2	1	0	0	<0.60	<2.9	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	2	1	0	0	<0.70	<3.5	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	2	1	0	0	<1.2	<5.7	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	2	1	0	0	<1.3	<6.1	--	--	--	--	--	--	--	--	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	2	1	0	0	<0.86	<4.2	--	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	µg/kg	1,860,000	BCL	--	--	--	--	2	1	0	0	<2.5	<12	--	--	--	--	--	--	--	--	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	2	1	0	0	<1.1	<5.0	--	--	--	--	--	--	--	--	--
	Di-n-butylphthalate	µg/kg	91,200,000	BCL	--	--	--	--	2	1	0	0	<35	<170	--	--	--	--	--	--	--	--	--
	Di-n-octylphthalate	µg/kg	9,120,000	BCL	--	--	--	--	2	1	0	0	1.2 UJ	<5.5	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	2	1	0	0	<0.80	<3.9	--	--	--	--	--	--	--	--	--
	Diethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	2	1	0	0	<130	<600	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	2	1	0	0	<0.92	<4.5	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	µg/kg	27,200	BCL	--	--	--	--	2	1	0	0	<5.2	<25	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	2	1	0	0	<1.5	<7.1	--	--	--	--	--	--	--	--	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	2	1	0	0	<0.72	<3.5	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	2	1	1	50	<0.87	<0.87	69	69	69	69	--	--	SA-56	0	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	2	1	0	0	<0.92	<4.5	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	2	1	0	0	<0.59	<2.9	--	--	--	--	--	--	--	--	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	2	1	0	0	<0.88	<4.3	--	--	--	--	--	--	--	--	--
	Nitrobenzene	µg/kg	22,500	BCL	--	--	--	--	2	1	0	0	<1.9	<8.9	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	µg/kg	--	--	--	--	--	--	2	1	0	0	<3.7	18 UJ	--	--	--	--	--	--	--	--	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	2	1	0	0	<1.9	<9.0	--	--	--	--	--	--	--	--	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	2	1	0	0	<1.1	<5.0	--	--	--	--	--	--	--	--	--
	Pyridine	µg/kg	1,300,000	BCL	--	--	--	--	2	1	0	0	<28	<140	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	µg/kg	252,000	BCL	--	--	--	--	2	1	0	0	<140	<660	--	--	--	--	--	--	--	--	--
PCBs	Aroclor-1016	µg/kg	45,200	BCL	--	--	--	--	1	1	0	0	<18	<18	--	--	--	--	--	--	--	--	--
	Aroclor-1221	µg/kg	1,280	BCL	--	--	--	--	1	1	0	0	<40	<40	--	--	--	--	--	--	--	--	--
	Aroclor-1232	µg/kg	1,060	BCL	--	--	--	--	1	1	0	0	<18	<18	--	--	--	--	--	--	--	--	--
	Aroclor-1242	µg/kg	1,550	BCL	--	--	--	--	1	1	0	0	<27	<27	--	--	--	--	--	--	--	--	--
	Aroclor-1248	µg/kg	1,560	BCL	--	--	--	--	1	1	0	0	<18	<18	--	--	--	--	--	--	--	--	--
	Aroclor-1254	µg/kg	1,600	BCL	--	--	--	--	1	1	0	0	<18	<18	--	--	--	--	--	--	--	--	--
	Aroclor-1260	µg/kg	1,650	BCL	--	--	--	--	1	1	0	0	<32	<32	--	--	--	--	--	--	--	--	--
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	26.7	BCL	--	--	--	--	1	1	1	100	--	--	8.88	8.88	8.9	8.9	--	--	SA-56	0	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	25.0	25.0	25	25	--	--	SA-56	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	27.5	27.5	28	28	--	--	SA-56	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	44.7	44.7	45	45	--	--	SA-56	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	581	BCL	--	--	--	--	1	1	1	100	--	--	39.5	39.5	40	40	--	--	SA-56	0	--
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	177	177	180	180	--	--	SA-56	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	361 J	361 J	360	360	--	--	SA-56	--	--
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	353 J	353 J	350	350	--	--	SA-56	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	1,050 J	1,050 J	1,000	1,000	--	--	SA-56	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	227	227	230	230	--	--	SA-56	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	2,420 J	2,420 J	2,400	2,400	--	--	SA-56	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	818 J	818 J	820	820	--	--	SA-56	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	87.3	87.3	87	87	--	--	SA-56	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	113	113	110	110	--	--	SA-56	--	--

TABLE 4-4a. STATISTICAL SUMMARY OF ECA C1 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	1,860 J	1,860 J	1,900	1,900	--	--	SA-56	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	1,020 J	1,020 J	1,000	1,000	--	--	SA-56	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	5,730 J	5,730 J	5,700	5,700	--	--	SA-56	--	--
	Total Dioxin/Furan TEQ (Calculated)	pg/g	2,700	SS	--	--	--	--	1	1	1	100	--	--	556.18	556.18	560	560	--	--	SA-56	0	--
Petroleum Indicators	Petroleum Hydrocarbons	mg/kg	--	--	--	--	--	--	2	1	1	50	<43	<43	170	170	170	170	--	--	SA-56	--	--
	Gasoline Range Organics	mg/kg	--	--	--	--	--	--	2	1	0	0	<4.0	<4.7	--	--	--	--	--	--	--	--	--
	Diesel Range Organics	mg/kg	--	--	--	--	--	--	2	1	1	50	<43	<43	140	140	140	140	--	--	SA-56	--	--

Notes:

1. Health-based soil screening levels (HSSLs).
   SS: Site-specific values for Arsenic and Dioxin/Furan Toxicity Equivalence (TEQ).
   BCL: Lowest level among all available indoor and outdoor industrial worker Basic Comparison Levels (BCLs), NDEP 2025.
   RSL: Regional Screening Levels for industrial soil, USEPA 2024.

No detections, or maximum detected concentration is below HSSL (if available).
No HSSL available.
Radionuclides were determined to be consistent with background or natural concentration of uranium metal across OU-1.
Essential Nutrient, macronutrient or salt.
Individual VOCs were used to evaluate the nature and extent of impacts in soil from these compounds.

Sources:

[1] NDEP. 2025. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 17, July.

[2] USEPA. 2024. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund sites. November.

[3] NDEP. 2010. NDEP Response to Background Issues and Determination of Background Dataset for TRX. August 17.

[4] TIMET/BRC. 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity.

TABLE 4-4b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA C1
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	231
Phase B	SA-56	0	6/10/2009	**8.88**	**39.5**	**556.18**	**9.29**	**50.7**	**47.3**	**425**	**8,620**	**61,400 J**	**61.8**	**69**
		8 - 9.5	7/21/2009	--	--	--	**0.108**	**1.76**	**6.3**	**9**	**6,540 J**	**367 J+**	**0.087**	<0.87
Pre-Excavation	SA-56	0	4/28/2010	--	--	--	--	**26**	--	--	--	**26,000**	--	--
		0 - 1	4/28/2010	--	--	--	--	**3.4**	--	--	--	**560**	--	--
			4/28/2010 (FD)	--	--	--	--	**3.3**	--	--	--	**530**	--	--
		1 - 2	4/12/2010	--	--	--	--	**2.9**	--	--	--	**330**	--	--
			4/12/2010 (FD)	--	--	--	--	**2.9**	--	--	--	**270**	--	--
		3 - 4	4/12/2010	--	--	--	--	**3.5**	--	--	--	**390**	--	--
	SSAN2-03	1 - 2	10/13/2010	--	--	--	--	**2.5**	--	--	--	**300**	--	--
		2 - 3	10/13/2010	--	--	--	--	**2.5**	--	--	--	**390**	--	--
		3 - 4	10/13/2010	--	--	--	--	**32**	--	--	--	**24,000**	--	--
		4 - 5	10/13/2010	--	--	--	--	**2.6**	--	--	--	**630**	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram
pg/g: picograms per gram
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

TABLE 4-5a. STATISTICAL SUMMARY OF ECA C4 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
General Chemistry	Ammonia	mg/kg	27,900	BCL	--	--	--	--	8	4	0	0	<0.41	<0.41	--	--	--	--	--	--	--	--	--
	Bromide	mg/kg	--	--	--	--	--	--	11	5	0	0	<0.385	<0.58	--	--	--	--	--	--	--	--	--
	Carbonate as CO_3	mg/kg	--	--	--	--	--	--	8	4	2	25	<0.689	<0.689	333	1,050	690	690	510	0.73	RSAO4	--	--
	Chlorate	mg/kg	38,900	BCL	--	--	--	--	11	5	4	36.4	<0.0244	1.2 UJ	0.282	7.28	0.3	2	3.5	1.7	SA-183	0	--
	Chloride	mg/kg	--	--	--	--	--	--	11	5	8	72.7	<4.69	<4.69	9.0	74.1	36	37	22	0.6	SA-10	--	--
	Cyanide (total)	mg/kg	164	BCL	--	--	--	--	11	5	0	0	<0.13	<0.218	--	--	--	--	--	--	--	--	--
	Nitrate (as NO_3)	mg/kg	100,000	BCL	--	--	--	--	11	5	3	27.3	<0.19	<1.6	1.5 J+	140	140	95	81	0.85	SA-181	0	--
	Nitrite	mg/kg	120,000	RSL	--	--	--	--	11	5	1	9.1	<0.001	<0.046	0.16 J	0.16 J	0.16	0.16	--	--	SA-10	0	--
	Perchlorate	mg/kg	908	BCL	--	--	--	--	11	5	9	81.8	<0.0244	<0.13	0.209	1.8	0.3	0.49	0.51	1	SA-183	0	--
	ortho-Phosphate	mg/kg	--	--	--	--	--	--	3	1	0	0	<1.1	<1.2	--	--	--	--	--	--	--	--	--
	Sulfate	mg/kg	--	--	--	--	--	--	11	5	10	90.9	<0.52	<0.52	23.4	216	76	93	62	0.66	RSAO4	--	--
Metals	Aluminum	mg/kg	100,000	BCL	7,340	11,400	3,740 J	15,300 J	11	5	11	100	--	--	8,160	12,200	9,400	9,800	1,300	0.13	RSAO4	0	--
	Antimony	mg/kg	3,450	BCL	0.5 UJ	3.4	0.12 J-	0.5 J-	11	5	11	100	--	--	0.08 J-	0.198 J-	0.15	0.14	0.036	0.25	SA-181	0	--
	Arsenic	mg/kg	7.2	SS	1.6	4.25	2.5	7.2 J	11	5	11	100	--	--	1.73	3.7	2.9	2.7	0.57	0.21	SA-10	0	--
	Barium	mg/kg	100,000	BCL	111	213	73	445 J	11	5	11	100	--	--	129 J	333 J	200	220	72	0.33	SA-10	0	--
	Beryllium	mg/kg	6,130	BCL	0.362	0.588 J	0.16 J	0.89	11	5	11	100	--	--	0.437	0.575	0.49	0.49	0.046	0.094	SA-181	0	--
	Boron	mg/kg	100,000	BCL	3.6 J	11.7	<3.2	11.6 J+	11	5	11	100	--	--	3 J	7.2	4.7	4.9	1.5	0.3	SA-183	0	--
	Cadmium	mg/kg	8,180	BCL	<0.04	0.48	<0.129	<0.129	11	5	11	100	--	--	0.064	0.369	0.14	0.15	0.084	0.58	SA-183	0	--
	Calcium	mg/kg	--	--	--	--	9,440	82,800 J	11	5	11	100	--	--	12,700 J	49,900 J	29,000	29,000	12,000	0.42	SA-183	--	--
	Chromium (total)	mg/kg	--	--	5.57	10.7 J	2.6	16.7	11	5	11	100	--	--	6.66	28.9	9.7	11	6.2	0.56	SA-183	--	--
	Chromium VI	mg/kg	564	BCL	<0.18	0.29 J	<0.25	<0.32	11	5	0	0	<0.101	<0.12	--	--	--	--	--	--	--	--	--
	Cobalt	mg/kg	385	BCL	5.4	9.1	3.7 J	16.3 J	11	5	11	100	--	--	6.01 J	8.6	7.5	7.3	0.8	0.11	SA-181	0	--
	Copper	mg/kg	51,900	BCL	15.8	140	10.2	25.9 J	11	5	11	100	--	--	12.6 J	27.5	17	20	5.5	0.28	SA-181	0	--
	Iron	mg/kg	100,000	BCL	11,300	20,600	5,410	19,700	11	5	11	100	--	--	12,200 J	18,900	15,000	16,000	2,000	0.13	RSAO4	0	--
	Lead	mg/kg	800	BCL	7.1	72.8	3 J	35.1	11	5	11	100	--	--	6.0	12.7	9	9.4	2	0.21	RSAO4	0	--
	Magnesium	mg/kg	100,000	BCL	7,700	13,000	4,690 J	17,500 J	11	5	11	100	--	--	7,790 J	15,500 J	10,000	11,000	2,300	0.21	SA-183	0	--
	Manganese	mg/kg	100,000	BCL	262	537	151	863 J	11	5	11	100	--	--	284 J+	502	420	420	59	0.14	RSAO4	0	--
	Mercury	mg/kg	3.13	BCL	0.006 J	0.362	<0.0072	0.11	11	5	8	72.7	<0.0074	<0.0077	0.003 J	0.07	0.012	0.019	0.022	1.1	SA-183	0	--
	Molybdenum	mg/kg	6,490	BCL	<0.31	32.7	0.3 J	2	11	5	11	100	--	--	0.18	0.80 J	0.41	0.41	0.19	0.47	SA-10	0	--
	Nickel	mg/kg	50,300	BCL	12.7	21.4	7.9 J	30 J	11	5	11	100	--	--	12.3 J	15 J	14	14	0.98	0.072	SA-183	0	--
	Phosphorus (total)	mg/kg	100,000	BCL	--	--	862	2,010	8	4	8	100	--	--	684	1,060	870	850	110	0.13	SA-46	0	--
	Platinum	mg/kg	5,190	BCL	0.006 J	<0.11	<0.0435	0.099 J	11	5	2	18.2	<0.011	<0.022	0.012 J	0.013 J	0.013	0.013	0.00071	0.057	SA-10	0	--
	Potassium	mg/kg	--	--	1,450	4,210	625	3,890	11	5	11	100	--	--	1,650	2,440	2,100	2,000	260	0.13	SA-181	--	--
	Selenium	mg/kg	6,490	BCL	<0.7	<4.3	<0.158	0.6	11	5	1	9.1	<0.12	<0.9	0.9 J	0.9 J	0.9	0.9	--	--	SA-181	0	--
	Silver	mg/kg	100,000	BCL	<0.2	<0.2	<0.261	<0.261	11	5	10	90.9	<0.022	<0.022	0.022 J	0.15 J	0.035	0.063	0.05	0.79	SA-10	0	--
	Sodium	mg/kg	--	--	307	1,050	128	1,320	11	5	11	100	--	--	305	2,300	740	770	580	0.75	RSAO4	--	--
	Strontium	mg/kg	100,000	BCL	129	339	75.5	808 J	11	5	11	100	--	--	103 J	312 J	170	200	79	0.4	SA-10	0	--
	Thallium	mg/kg	13	BCL	0.071	0.193 J	<0.543	1.8	11	5	11	100	--	--	0.069	0.186	0.098	0.1	0.03	0.29	SA-183	0	--
	Tin	mg/kg	100,000	BCL	<10.2	<11	0.24 J	0.8 J	11	5	11	100	--	--	0.49	3.7 J	3	2.5	1.2	0.5	SA-46	0	--
	Titanium	mg/kg	100,000	BCL	480	1,080	262	1,010 J	11	5	11	100	--	--	405 J	974	810	770	160	0.2	RSAO4	0	--
	Tungsten	mg/kg	1,040	BCL	<0.11	0.62	0.0175 UJ	0.0175 UJ	11	5	11	100	--	--	0.15 J	0.9 J-	0.29	0.31	0.21	0.66	RSAO4	0	--
	Uranium (total)	mg/kg	3,830	BCL	0.655	1.94	0.62 J	2.7	11	5	11	100	--	--	0.71 J	2.19 J	1.1	1.2	0.48	0.4	SA-183	0	--
	Vanadium	mg/kg	100,000	BCL	28	54.9	20.2	59.1 J	11	5	11	100	--	--	31.6 J-	48.6	40	40	5.4	0.13	RSAO4	0	--
	Zinc	mg/kg	100,000	BCL	25.8	254	15.4	121	11	5	11	100	--	--	29.6 J	164 J	34	45	39	0.87	SA-183	0	--
Radionuclides	Radium-226	pCi/g	0.023	BCL	--	--	0.494 J	2.36	11	5	11	100	--	--	0.759 J	1.54 J-	1.1	1.1	0.21	0.19	SA-183	11	67
	Radium-228	pCi/g	0.046	BCL	--	--	0.946 U	2.92	11	5	11	100	--	--	0.623	1.81	0.95	1.1	0.49	0.43	SA-10	11	39
	Thorium-228	pCi/g	0.026	BCL	--	--	1.15	2.28	8	4	8	100	--	--	1.30 J	2.00	1.8	1.7	0.27	0.16	SA-46	8	77
	Thorium-230	pCi/g	14	BCL	--	--	0.73 J	3.01	8	4	8	100	--	--	0.797 J	1.53	0.94	1	0.24	0.24	RSAO4	0	--
	Thorium-232	pCi/g	13	BCL	--	--	1.22	2.23	8	4	8	100	--	--	0.856 J	2.04 J	1.6	1.5	0.44	0.3	RSAO4	0	--
	Uranium-234	pCi/g	18	BCL	--	--	0.63 U	2.84	8	4	8	100	--	--	0.814	1.49	0.98	1.1	0.27	0.25	SA-183	0	--
	Uranium-235	pCi/g	0.33	BCL	--	--	0.0009	0.21 J	8	4	8	100	--	--	0.0407	0.112	0.071	0.078	0.024	0.31	SA-181	0	--
	Uranium-238	pCi/g	1.5	BCL	--	--	0.65 J	2.37	8	4	8	100	--	--	0.79	1.31	0.95	0.98	0.18	0.18	SA-183	0	--
VOCs	Acetone	µg/kg	100,000,000	BCL	--	--	--	--	11	5	4	36.4	<1.5	<12	5.6 J+	25	12	14	8.5	0.63	RSAO4	0	--
	t-Amyl methyl ether	µg/kg	--	--	--	--	--	--	11	5	0	0	<0.30	<5.8	--	--	--	--	--	--	--	--	--
	Benzene	µg/kg	5,310	BCL	--	--	--	--	11	5	3	27.3	<0.19	<0.19	0.20 J	0.82 J	0.31	0.44	0.33	0.75	SA-10	0	--
	Bromobenzene	µg/kg	679,000	BCL	--	--	--	--	11	5	0	0	<0.42	<5.8	--	--	--	--	--	--	--	--	--

TABLE 4-5a. STATISTICAL SUMMARY OF ECA C4 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	Bromochloromethane	µg/kg	628,000	BCL	--	--	--	--	11	5	0	0	<0.34	<5.8	--	--	--	--	--	--	--	--	--
	Bromodichloromethane	µg/kg	1,300	BCL	--	--	--	--	11	5	0	0	<0.39	<5.8	--	--	--	--	--	--	--	--	--
	Bromoform	µg/kg	95,300	BCL	--	--	--	--	11	5	0	0	<0.46	<5.8	--	--	--	--	--	--	--	--	--
	Bromomethane	µg/kg	30,300	BCL	--	--	--	--	11	5	0	0	<0.50	<12	--	--	--	--	--	--	--	--	--
	2-Butanone	µg/kg	28,400,000	BCL	--	--	--	--	11	5	1	9.1	<1.0	<12	2.6 J	2.6 J	2.6	2.6	--	--	RSAO4	0	--
	n-Butylbenzene	µg/kg	108,000	BCL	--	--	--	--	11	5	0	0	<0.61	<5.8	--	--	--	--	--	--	--	--	--
	sec-Butylbenzene	µg/kg	145,000	BCL	--	--	--	--	11	5	0	0	<0.32	<5.8	--	--	--	--	--	--	--	--	--
	tert-Butylbenzene	µg/kg	183,000	BCL	--	--	--	--	11	5	0	0	<0.29	<5.8	--	--	--	--	--	--	--	--	--
	Carbon tetrachloride	µg/kg	2,960	BCL	--	--	--	--	11	5	0	0	<0.35	<5.8	--	--	--	--	--	--	--	--	--
	Chlorobenzene	µg/kg	1,370,000	BCL	--	--	--	--	11	5	3	27.3	<0.24	<0.24	1.4 J	5.5 J	3.1	3.3	2.1	0.62	SA-10	0	--
	Chloroethane	µg/kg	2,120,000	BCL	--	--	--	--	11	5	0	0	<0.21	5.8 UJ	--	--	--	--	--	--	--	--	--
	Chloroform	µg/kg	1,390	BCL	--	--	--	--	11	5	5	45.5	<0.15	<0.15	0.41 J	1.9 J	0.92	1.1	0.55	0.53	SA-10	0	--
	Chloromethane	µg/kg	464,000	BCL	--	--	--	--	11	5	0	0	<0.44	5.8 UJ	--	--	--	--	--	--	--	--	--
	2-Chlorotoluene	µg/kg	907,000	BCL	--	--	--	--	11	5	0	0	<0.28	<5.8	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	µg/kg	26,000,000	BCL	--	--	--	--	11	5	0	0	<0.37	<5.8	--	--	--	--	--	--	--	--	--
	Cumene	µg/kg	10,400,000	BCL	--	--	--	--	11	5	0	0	<0.40	<5.8	--	--	--	--	--	--	--	--	--
	p-Cymene	µg/kg	147,000	BCL	--	--	--	--	11	5	0	0	<0.41	<5.8	--	--	--	--	--	--	--	--	--
	1,2-Dibromo-3-chloropropane	µg/kg	64.9	BCL	--	--	--	--	11	5	0	0	<0.70	<5.8	--	--	--	--	--	--	--	--	--
	Dibromochloromethane	µg/kg	43,300	BCL	--	--	--	--	11	5	0	0	<0.32	<5.8	--	--	--	--	--	--	--	--	--
	1,2-Dibromoethane	µg/kg	168	BCL	--	--	--	--	11	5	0	0	<0.40	<5.8	--	--	--	--	--	--	--	--	--
	Dibromomethane	µg/kg	98,900	BCL	--	--	--	--	11	5	0	0	<0.35	<5.8	--	--	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	µg/kg	376,000	BCL	--	--	--	--	11	5	2	18.2	<0.23	<5.8	0.19 J	0.56 J	0.38	0.38	0.26	0.7	SA-10	0	--
	1,3-Dichlorobenzene	µg/kg	373,000	BCL	--	--	--	--	11	5	0	0	<0.53	<5.8	--	--	--	--	--	--	--	--	--
	1,4-Dichlorobenzene	µg/kg	11,500	BCL	--	--	--	--	11	5	1	9.1	<0.57	<5.8	1.9 J	1.9 J	1.9	1.9	--	--	SA-10	0	--
	Dichlorodifluoromethane	µg/kg	368,000	BCL	--	--	--	--	11	5	0	0	<0.35	5.8 UJ	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethane	µg/kg	15,800	BCL	--	--	--	--	11	5	0	0	<0.24	<5.8	--	--	--	--	--	--	--	--	--
	1,2-Dichloroethane	µg/kg	2,100	BCL	--	--	--	--	11	5	0	0	<0.30	<5.8	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethene	µg/kg	20,000	BCL	--	--	--	--	11	5	0	0	<0.48	<5.8	--	--	--	--	--	--	--	--	--
	cis-1,2-Dichloroethene	µg/kg	400,000	BCL	--	--	--	--	11	5	0	0	<0.55	<5.8	--	--	--	--	--	--	--	--	--
	trans-1,2-Dichloroethene	µg/kg	304,000	BCL	--	--	--	--	11	5	0	0	<0.30	<5.8	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	µg/kg	11,700	BCL	--	--	--	--	11	5	0	0	<0.47	<5.8	--	--	--	--	--	--	--	--	--
	1,3-Dichloropropane	µg/kg	26,000,000	BCL	--	--	--	--	11	5	0	0	<0.38	<5.8	--	--	--	--	--	--	--	--	--
	2,2-Dichloropropane	µg/kg	--	--	--	--	--	--	11	5	0	0	<0.21	<5.8	--	--	--	--	--	--	--	--	--
	1,1-Dichloropropene	µg/kg	--	--	--	--	--	--	11	5	0	0	<0.43	<5.8	--	--	--	--	--	--	--	--	--
	cis-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	11	5	0	0	<0.20	<5.8	--	--	--	--	--	--	--	--	--
	trans-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	11	5	0	0	<0.33	<5.8	--	--	--	--	--	--	--	--	--
	Diisopropyl ether	µg/kg	2,260,000	BCL	--	--	--	--	11	5	0	0	<0.31	<5.8	--	--	--	--	--	--	--	--	--
	Ethyl benzene	µg/kg	26,600	BCL	--	--	--	--	11	5	0	0	<0.37	<5.8	--	--	--	--	--	--	--	--	--
	Ethyl tert-butyl ether	µg/kg	560,000	RSL	--	--	--	--	11	5	0	0	<0.24	<5.8	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	µg/kg	5,610	BCL	--	--	--	--	11	5	0	0	<0.60	<5.8	--	--	--	--	--	--	--	--	--
	2-Hexanone	µg/kg	1,490,000	BCL	--	--	--	--	11	5	0	0	<0.72	12 UJ	--	--	--	--	--	--	--	--	--
	Methyl tert-butyl ether	µg/kg	217,000	BCL	--	--	--	--	11	5	0	0	<0.19	<5.8	--	--	--	--	--	--	--	--	--
	Methylene Chloride	µg/kg	1,130,000	BCL	--	--	--	--	11	5	0	0	<0.32	<5.8	--	--	--	--	--	--	--	--	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	11	5	0	0	<1.1	<5.8	--	--	--	--	--	--	--	--	--
	4-Methyl-2-pentanone	µg/kg	3,360,000	BCL	--	--	--	--	11	5	1	9.1	<0.95	<12	0.49 J	0.49 J	0.49	0.49	--	--	RSAO4	0	--
	n-Propylbenzene	µg/kg	264,000	BCL	--	--	--	--	11	5	0	0	<0.36	<5.8	--	--	--	--	--	--	--	--	--
	Styrene	µg/kg	867,000	BCL	--	--	--	--	11	5	0	0	<0.16	<5.8	--	--	--	--	--	--	--	--	--
	1,1,1,2-Tetrachloroethane	µg/kg	9,070	BCL	--	--	--	--	11	5	0	0	<0.44	<5.8	--	--	--	--	--	--	--	--	--
	1,1,2,2-Tetrachloroethane	µg/kg	2,910	BCL	--	--	--	--	11	5	0	0	<0.51	<5.8	--	--	--	--	--	--	--	--	--
	Tetrachloroethene	µg/kg	107,000	BCL	--	--	--	--	11	5	0	0	<0.24	<5.8	--	--	--	--	--	--	--	--	--
	Toluene	µg/kg	818,000	BCL	--	--	--	--	11	5	2	18.2	<0.30	<5.8	0.62 J	0.67 J	0.65	0.65	0.035	0.055	RSAO4	0	--
	1,2,3-Trichlorobenzene	µg/kg	151,000	BCL	--	--	--	--	11	5	0	0	<1.1	<5.8	--	--	--	--	--	--	--	--	--
	1,2,4-Trichlorobenzene	µg/kg	125,000	BCL	--	--	--	--	11	5	0	0	<0.94	<5.8	--	--	--	--	--	--	--	--	--
	1,1,1-Trichloroethane	µg/kg	640,000	BCL	--	--	--	--	11	5	0	0	<0.60	<5.8	--	--	--	--	--	--	--	--	--
	1,1,2-Trichloroethane	µg/kg	5,280	BCL	--	--	--	--	11	5	0	0	<0.22	<5.8	--	--	--	--	--	--	--	--	--
	Trichloroethene	µg/kg	6,310	BCL	--	--	--	--	11	5	0	0	<0.28	<5.8	--	--	--	--	--	--	--	--	--

TABLE 4-5a. STATISTICAL SUMMARY OF ECA C4 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	Trichlorofluoromethane	µg/kg	1,230,000	BCL	--	--	--	--	11	5	0	0	<0.32	5.8 UJ	--	--	--	--	--	--	--	--	--
	1,2,3-Trichloropropane	µg/kg	121	BCL	--	--	--	--	11	5	0	0	<0.95	<5.8	--	--	--	--	--	--	--	--	--
	1,2,4-Trimethylbenzene	µg/kg	219,000	BCL	--	--	--	--	11	5	0	0	<0.42	<5.8	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	µg/kg	182,000	BCL	--	--	--	--	11	5	0	0	<0.51	<5.8	--	--	--	--	--	--	--	--	--
	Vinyl chloride	µg/kg	1,870	BCL	--	--	--	--	11	5	0	0	<0.68	<5.8	--	--	--	--	--	--	--	--	--
	m,p-Xylene	µg/kg	--	--	--	--	--	--	8	4	0	0	<0.78	<0.78	--	--	--	--	--	--	--	--	--
	o-Xylene	µg/kg	434,000	BCL	--	--	--	--	8	4	0	0	<0.31	<0.31	--	--	--	--	--	--	--	--	--
	Xylenes (total)	µg/kg	260,000	BCL	--	--	--	--	3	1	0	0	<11	<12	--	--	--	--	--	--	--	--	--
	tert Butyl alcohol	µg/kg	7,270,000	BCL	--	--	--	--	11	5	0	0	5.5 UJ	<10	--	--	--	--	--	--	--	--	--
SVOCs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	11	5	0	0	<1.19712	<380	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	11	5	0	0	<1.34267	<380	--	--	--	--	--	--	--	--	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	11	5	0	0	<1.345	<380	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	11	5	0	0	<1.39066	<380	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	11	5	0	0	<1.02964	<380	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	11	5	0	0	<1.78613	<380	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	11	5	0	0	<1.21686	<380	--	--	--	--	--	--	--	--	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	11	5	0	0	<1.5734	<380	--	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	µg/kg	1,860,000	BCL	--	--	--	--	11	5	1	9.1	<1.90026	<380	3.2 J	3.2 J	3.2	3.2	--	--	SA-183	0	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	11	5	0	0	<1.4038	<380	--	--	--	--	--	--	--	--	--
	Di-n-butylphthalate	µg/kg	91,200,000	BCL	--	--	--	--	11	5	1	9.1	<160.159	<380	120 J	120 J	120	120	--	--	SA-46	0	--
	Di-n-octylphthalate	µg/kg	9,120,000	BCL	--	--	--	--	11	5	0	0	<0.80807	<380	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	11	5	0	0	<1.37408	<380	--	--	--	--	--	--	--	--	--
	Diethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	11	5	0	0	<6.2	<380	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	11	5	0	0	<0.91269	<380	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	µg/kg	27,200	BCL	--	--	--	--	11	5	0	0	<2.62796	<380	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	11	5	0	0	<1.0669	<380	--	--	--	--	--	--	--	--	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	11	5	0	0	<2.81445	<380	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	11	5	1	9.1	<0.91088	<380	17 J	17 J	17	17	--	--	RSAO4	0	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	11	5	0	0	<1.1823	<380	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	11	5	0	0	<2.23683	<380	--	--	--	--	--	--	--	--	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	11	5	0	0	<1.17028	<380	--	--	--	--	--	--	--	--	--
	Nitrobenzene	µg/kg	22,500	BCL	--	--	--	--	11	5	0	0	<1.22338	<380	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	µg/kg	--	--	--	--	--	--	11	5	0	0	<1.96341	<380	--	--	--	--	--	--	--	--	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	11	5	3	27.3	<1.09644	<380	1.6 J	3.1 J	1.8	2.2	0.81	0.38	SA-183	0	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	11	5	0	0	<0.81337	<380	--	--	--	--	--	--	--	--	--
	Pyridine	µg/kg	1,300,000	BCL	--	--	--	--	11	5	0	0	<16.3531	<1,800	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	µg/kg	252,000	BCL	--	--	--	--	11	5	1	9.1	<85.6071	<370	180 J	180 J	180	180	--	--	SA-10	0	--
PCBs	Aroclor-1016	µg/kg	45,200	BCL	--	--	--	--	5	2	0	0	<9.1	<38	--	--	--	--	--	--	--	--	--
	Aroclor-1221	µg/kg	1,280	BCL	--	--	--	--	5	2	0	0	<28	<38	--	--	--	--	--	--	--	--	--
	Aroclor-1232	µg/kg	1,060	BCL	--	--	--	--	5	2	0	0	<11	<38	--	--	--	--	--	--	--	--	--
	Aroclor-1242	µg/kg	1,550	BCL	--	--	--	--	5	2	0	0	<18	<38	--	--	--	--	--	--	--	--	--
	Aroclor-1248	µg/kg	1,560	BCL	--	--	--	--	5	2	0	0	<19	<38	--	--	--	--	--	--	--	--	--
	Aroclor-1254	µg/kg	1,600	BCL	--	--	--	--	5	2	0	0	<9.8	<38	--	--	--	--	--	--	--	--	--
	Aroclor-1260	µg/kg	1,650	BCL	--	--	--	--	5	2	0	0	<8.6	<38	--	--	--	--	--	--	--	--	--
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	26.7	BCL	--	--	--	--	20	6	0	0	<0.021	<0.096	--	--	--	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	20	6	2	10	<0.0391	<0.13	0.187	0.40 JK	0.29	0.29	0.15	0.51	RSAO4	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	20	6	2	10	<0.022	<0.094	0.054 JK	0.36 J	0.21	0.21	0.22	1	RSAO4	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	20	6	10	50	<0.045	<0.15	0.068 JK	0.81 J	0.14	0.21	0.22	1	RSAO4	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	581	BCL	--	--	--	--	20	6	10	50	<0.059	<0.21	0.090 JK	0.69 J	0.17	0.23	0.19	0.81	RSAO4	0	--
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	20	6	14	70	<0.053	0.12 UJ	0.10 JK	38	0.47	3.3	10	3	RSAO4	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	20	6	17	85	0.17 UJ	0.28 UJ	0.41 J	540	2	36	130	3.6	RSAO4	--	--
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	--	--	--	--	--	--	20	6	10	50	<0.046	<0.41	0.14 JK	5.3	0.42	1.1	1.6	1.5	RSAO4	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	20	6	8	40	<0.050	<0.14	0.17 J	4.3	0.62	1.1	1.4	1.2	RSAO4	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	20	6	4	20	<0.059	<0.24	0.31 J	2.3 J	0.73	1	0.9	0.89	RSAO4	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	20	6	15	75	<0.014	<0.076	0.065 J	9.3	0.32	1.2	2.4	1.9	RSAO4	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	20	6	15	75	<0.013	<0.061	0.053 J	7.1	0.2	0.88	1.8	2	RSAO4	--	--

TABLE 4-5a. STATISTICAL SUMMARY OF ECA C4 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Dioxins/Furans	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	20	6	9	45	<0.029	<0.176	0.076 JK	0.95 J	0.21	0.27	0.27	1	RSAO4	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	20	6	8	40	<0.0084	<0.091	0.069 JK	2.1 J	0.28	0.55	0.68	1.2	RSAO4	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	20	6	18	90	0.031 UJ	<0.040	0.099 JK	30	0.74	3	7	2.3	RSAO4	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	20	6	12	60	0.038 UJ	0.11 UJ	0.094 JK	11	0.48	1.9	3.1	1.7	RSAO4	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	pg/g	--	--	--	--	--	--	20	6	16	80	0.17 UJ	0.28 UJ	0.22 JK	87	2.4	9.5	22	2.3	RSAO4	--	--
	Total Dioxin/Furan TEQ (Calculated)	pg/g	2,700	SS	--	--	--	--	20	6	18	90	<0.00001	<0.00001	0.0020	4.9	0.11	0.5	1.2	2.3	RSAO4	0	--
Pesticides - OCPs	Aldrin	µg/kg	205	BCL	--	--	--	--	5	5	0	0	<0.070	<1.9	--	--	--	--	--	--	--	--	--
	alpha-BHC	µg/kg	274,000	BCL	--	--	--	--	5	5	0	0	<0.31	<1.9	--	--	--	--	--	--	--	--	--
	beta-BHC	µg/kg	54,700	BCL	--	--	--	--	5	5	0	0	<0.25	<1.9	--	--	--	--	--	--	--	--	--
	delta-BHC	µg/kg	333,000	BCL	--	--	--	--	5	5	0	0	<0.089	<1.9	--	--	--	--	--	--	--	--	--
	gamma-BHC	µg/kg	11,100	BCL	--	--	--	--	5	5	0	0	<0.12	<1.9	--	--	--	--	--	--	--	--	--
	Chlordane (total)	µg/kg	--	--	--	--	--	--	5	5	0	0	<1.9	<11	--	--	--	--	--	--	--	--	--
	alpha-Chlordane	µg/kg	500,000	RSL	--	--	--	--	5	5	0	0	<0.15	<1.9	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	µg/kg	500,000	RSL	--	--	--	--	5	5	0	0	<0.12	<1.9	--	--	--	--	--	--	--	--	--
	4,4'-DDD	µg/kg	14,700	BCL	--	--	--	--	5	5	0	0	<0.19	<1.9	--	--	--	--	--	--	--	--	--
	4,4'-DDE	µg/kg	10,300	BCL	--	--	--	--	5	5	0	0	<0.078	<1.9	--	--	--	--	--	--	--	--	--
	4,4'-DDT	µg/kg	10,600	BCL	--	--	--	--	5	5	0	0	<0.17	<1.9	--	--	--	--	--	--	--	--	--
	Dieldrin	µg/kg	220	BCL	--	--	--	--	5	5	0	0	<0.26	<1.9	--	--	--	--	--	--	--	--	--
	Endosulfan I	µg/kg	--	--	--	--	--	--	5	5	0	0	<0.10	<1.9	--	--	--	--	--	--	--	--	--
	Endosulfan II	µg/kg	--	--	--	--	--	--	5	5	0	0	<0.091	<1.9	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	µg/kg	4,900,000	RSL	--	--	--	--	5	5	0	0	<0.090	<1.9	--	--	--	--	--	--	--	--	--
	Endrin	µg/kg	274,000	BCL	--	--	--	--	5	5	0	0	<0.11	<1.9	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	µg/kg	--	--	--	--	--	--	5	5	0	0	<0.83	<1.9	--	--	--	--	--	--	--	--	--
	Endrin ketone	µg/kg	--	--	--	--	--	--	5	5	0	0	<0.12	<1.9	--	--	--	--	--	--	--	--	--
	Heptachlor	µg/kg	696	BCL	--	--	--	--	5	5	0	0	<0.088	<1.9	--	--	--	--	--	--	--	--	--
	Heptachlor epoxide	µg/kg	366	BCL	--	--	--	--	5	5	0	0	<0.11	<1.9	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	4	4	0	0	0.48 UJ	0.48 UJ	--	--	--	--	--	--	--	--	--
	Methoxychlor	µg/kg	4,560,000	BCL	--	--	--	--	5	5	0	0	<0.26	<3.7	--	--	--	--	--	--	--	--	--
	Toxaphene	µg/kg	3,210	BCL	--	--	--	--	5	5	0	0	<9.7	<56	--	--	--	--	--	--	--	--	--
Pesticides - OPPs	Chlorpyrifos	µg/kg	912,000	BCL	--	--	--	--	1	1	0	0	<22	<22	--	--	--	--	--	--	--	--	--
	Coumaphos	µg/kg	--	--	--	--	--	--	1	1	0	0	<14	<14	--	--	--	--	--	--	--	--	--
	Dasanit	µg/kg	--	--	--	--	--	--	1	1	0	0	<14	<14	--	--	--	--	--	--	--	--	--
	Demeton-O	µg/kg	--	--	--	--	--	--	1	1	0	0	43 UJ	43 UJ	--	--	--	--	--	--	--	--	--
	Demeton-S	µg/kg	--	--	--	--	--	--	1	1	0	0	17 UJ	17 UJ	--	--	--	--	--	--	--	--	--
	Diazinon	µg/kg	638,000	BCL	--	--	--	--	1	1	0	0	24 UJ	24 UJ	--	--	--	--	--	--	--	--	--
	Dichlorovos	µg/kg	12,200	BCL	--	--	--	--	1	1	0	0	<26	<26	--	--	--	--	--	--	--	--	--
	Dimethoate	µg/kg	2,010,000	BCL	--	--	--	--	1	1	0	0	<24	<24	--	--	--	--	--	--	--	--	--
	Disulfoton	µg/kg	36,500	BCL	--	--	--	--	1	1	0	0	<53	<53	--	--	--	--	--	--	--	--	--
	EPN	µg/kg	9,120	BCL	--	--	--	--	1	1	0	0	14 UJ	14 UJ	--	--	--	--	--	--	--	--	--
	Ethoprop	µg/kg	--	--	--	--	--	--	1	1	0	0	<17	<17	--	--	--	--	--	--	--	--	--
	Famphur	µg/kg	--	--	--	--	--	--	1	1	0	0	<14	<14	--	--	--	--	--	--	--	--	--
	Fenthion	µg/kg	--	--	--	--	--	--	1	1	0	0	<37	<37	--	--	--	--	--	--	--	--	--
	Guthion	µg/kg	2,740,000	BCL	--	--	--	--	1	1	0	0	<14	<14	--	--	--	--	--	--	--	--	--
	Malathion	µg/kg	18,200,000	BCL	--	--	--	--	1	1	0	0	<17	<17	--	--	--	--	--	--	--	--	--
	Merphos	µg/kg	1,030	BCL	--	--	--	--	1	1	0	0	<33	<33	--	--	--	--	--	--	--	--	--
	Methyl parathion	µg/kg	228,000	BCL	--	--	--	--	1	1	0	0	<22	<22	--	--	--	--	--	--	--	--	--
	Mevinphos	µg/kg	--	--	--	--	--	--	1	1	0	0	<17	<17	--	--	--	--	--	--	--	--	--
	Naled	µg/kg	1,290	BCL	--	--	--	--	1	1	0	0	37 UJ	37 UJ	--	--	--	--	--	--	--	--	--
	Parathion	µg/kg	5,470,000	BCL	--	--	--	--	1	1	0	0	<20	<20	--	--	--	--	--	--	--	--	--
	Phorate	µg/kg	182,000	BCL	--	--	--	--	1	1	0	0	<22	<22	--	--	--	--	--	--	--	--	--
	Prothiophos	µg/kg	--	--	--	--	--	--	1	1	0	0	<22	<22	--	--	--	--	--	--	--	--	--
	Ronnel	µg/kg	26,800	BCL	--	--	--	--	1	1	0	0	20 UJ	20 UJ	--	--	--	--	--	--	--	--	--
	Stirophos	µg/kg	147,000	BCL	--	--	--	--	1	1	0	0	<17	<17	--	--	--	--	--	--	--	--	--
	Sulfotepp	µg/kg	456,000	BCL	--	--	--	--	1	1	0	0	<22	<22	--	--	--	--	--	--	--	--	--
	Sulprofos	µg/kg	--	--	--	--	--	--	1	1	0	0	<14	<14	--	--	--	--	--	--	--	--	--
	Thionazin	µg/kg	--	--	--	--	--	--	1	1	0	0	<20	<20	--	--	--	--	--	--	--	--	--

TABLE 4-5a. STATISTICAL SUMMARY OF ECA C4 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects								
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Pesticides - OPPs	Trichloronate	µg/kg	--	--	--	--	--	--	1	1	0	0	<22	<22	--	--	--	--	--	--	--	--	--
Petroleum Indicators	Petroleum Hydrocarbons	mg/kg	--	--	--	--	--	--	11	5	1	9.1	<28	<45	130	130	130	130	--	--	RSAO4	--	--
	Gasoline Range Organics	mg/kg	--	--	--	--	--	--	3	1	0	0	<0.11	<0.12	--	--	--	--	--	--	--	--	--
	Diesel Range Organics	mg/kg	--	--	--	--	--	--	11	5	1	9.1	<28	<45	91	91	91	91	--	--	RSAO4	--	--
Asbestos	Long Amphibole Protocol Structures Count	s/samp	0	SS	--	--	--	--	3	3	0	0	0	0	--	--	--	--	--	--	--	--	N/A
	Long Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	3	3	0	0	0	0	--	--	--	--	--	--	--	--	--
	Long Chrysotile Protocol Structures Count	s/samp	5	SS	--	--	--	--	3	3	0	0	0	0	--	--	--	--	--	--	--	--	--
	Total Amphibole Protocol Structures Count	s/samp	--	--	--	--	--	--	3	3	0	0	0	0	--	--	--	--	--	--	--	--	--
	Total Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	3	3	0	0	0	0	--	--	--	--	--	--	--	--	--
	Total Chrysotile Protocol Structures Count	s/samp	--	--	--	--	--	--	3	3	0	0	0	0	--	--	--	--	--	--	--	--	--

Notes:

1. Health-based soil screening levels (HSSLs).
   SS: Site-specific values for Arsenic and Dioxin/Furan Toxicity Equivalence (TEQ).
   BCL: Lowest level among all available indoor and outdoor industrial worker Basic Comparison Levels (BCLs), NDEP 2025.
   RSL: Regional Screening Levels for industrial soil, USEPA 2024.

No detections, or maximum detected concentration is below HSSL (if available).
No HSSL available.
Radionuclides were determined to be consistent with background or natural concentration of uranium metal across OU-1.
Essential Nutrient, macronutrient or salt.
Individual VOCs were used to evaluate the nature and extent of impacts in soil from these compounds.

Sources:

[1] NDEP. 2025. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 17, July.

[2] USEPA. 2024. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund sites. November.

[3] NDEP. 2010. NDEP Response to Background Issues and Determination of Background Dataset for TRX. August 17.

[4] TIMET/BRC. 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity.

TABLE 4-5b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA C4
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231	231
Phase A	SA-10	0.5 - 2	11/07/2006	--	--	--	--	--	**0.209**	**2.5**	**7.5 J-**	**6.0**	**9,370 J**	**424 J+**	**0.082 J**	<1.9	--	<370
		10 - 11.5	11/07/2006	--	--	--	--	--	**0.227**	**3.0**	**6.6 J-**	**8.2**	**10,500 J**	**284 J+**	**0.10 J**	--	--	<360
			11/07/2006 (FD)	--	--	--	--	--	**0.226**	**3.7**	**8.0 J-**	**10.0**	**11,400 J**	**435 J+**	**0.11 J**	--	--	<380
Phase B	RSAO4	0.5 - 2	7/09/2008	--	--	--	--	--	**0.425**	**3.24**	**7.14 J**	**12.7**	**12,800**	**488**	**0.105**	<0.088	0.48 UJ	**17 J**
		10 - 11.5	7/09/2008	--	--	--	--	--	<0.0244	**2.86**	**7.64 J**	**7.75**	**11,600**	**502**	**0.069**	--	--	<0.91088
	SA-46	0.5 - 1	6/19/2008	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
		1 - 2.5	7/09/2008	--	--	--	--	--	**0.603**	**2.2**	**7.91 J**	**8.61**	**12,500**	**429**	**0.093**	<0.088	0.48 UJ	<0.91088
	SA-181	0 - 0.5	6/19/2008	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 2	7/02/2008	--	--	<0.0388	<0.09	**0.21**	**0.301 J**	**2.42**	**8.6**	**9.58 J**	**9,720**	**478 J**	**0.098**	<0.088	0.48 UJ	<0.91088
		10 - 11.5	7/02/2008	--	--	--	--	--	<0.13	**2.9**	**7.8**	**8.56 J**	**10,500**	**392 J**	**0.098**	--	--	<0.91088
	SA-183	0	6/19/2008	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 2	7/08/2008	--	--	<0.0424	**0.415**	**1.56**	**1.8**	**1.73**	**6.16**	**12.7 J**	**7,850**	**420**	**0.186**	<0.088	0.48 UJ	<0.91088
		10 - 11.5	7/08/2008	--	--	--	--	--	**0.299**	**2.09**	**6.01 J**	**9.92**	**7,790 J**	**406**	**0.093**	--	--	<0.91088
			7/08/2008 (FD)	--	--	--	--	--	**0.336**	**2.97**	**7.09 J**	**8.99**	**15,500 J**	**398**	**0.09**	--	--	<0.91088
Pre-Excavation	RSAO4	1 - 2	10/26/2010	--	--	<0.093	**0.69 J**	**4.9**	--	--	--	--	--	--	--	--	--	--
		2 - 3	10/26/2010	--	--	<0.054	<0.074	**0.021**	--	--	--	--	--	--	--	--	--	--
		3 - 4	10/26/2010	--	--	<0.079	**0.20 J**	**0.038**	--	--	--	--	--	--	--	--	--	--
		4 - 5	10/26/2010	--	--	<0.053	**0.10 JK**	**0.13**	--	--	--	--	--	--	--	--	--	--
		5 - 6	10/26/2010	--	--	<0.061	<0.060	<0.00001	--	--	--	--	--	--	--	--	--	--
		6 - 7	10/26/2010	--	--	<0.095	**0.20 J**	**0.15**	--	--	--	--	--	--	--	--	--	--
		7 - 8	10/26/2010	--	--	<0.037	<0.066	<0.00001	--	--	--	--	--	--	--	--	--	--
		8 - 9	10/26/2010	--	--	<0.021	<0.13	**0.058**	--	--	--	--	--	--	--	--	--	--
			10/26/2010 (FD)	--	--	<0.037	<0.087	**0.091**	--	--	--	--	--	--	--	--	--	--
	SA-183	1 - 2	10/26/2010	--	--	<0.050	**0.12 JK**	**0.70**	--	--	--	--	--	--	--	--	--	--
		2 - 3	10/26/2010	--	--	<0.068	<0.11	**0.014**	--	--	--	--	--	--	--	--	--	--
		3 - 4	10/26/2010	--	--	<0.096	**0.18 JK**	**0.33**	--	--	--	--	--	--	--	--	--	--
			10/26/2010 (FD)	--	--	<0.072	<0.21	**0.47**	--	--	--	--	--	--	--	--	--	--
		4 - 5	10/26/2010	--	--	<0.063	**0.16 J**	**0.051**	--	--	--	--	--	--	--	--	--	--
		5 - 6	10/26/2010	--	--	<0.057	**0.14 JK**	**0.21**	--	--	--	--	--	--	--	--	--	--
		6 - 7	10/26/2010	--	--	<0.056	<0.059	**0.013**	--	--	--	--	--	--	--	--	--	--
		7 - 8	10/26/2010	--	--	<0.065	<0.068	**0.0020**	--	--	--	--	--	--	--	--	--	--
		8 - 9	10/26/2010	--	--	<0.063	**0.090 JK**	**0.082**	--	--	--	--	--	--	--	--	--	--

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram
pg/g: picograms per gram
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

TABLE 4-6a. STATISTICAL SUMMARY OF ECA C6 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
General Chemistry	Ammonia	mg/kg	27,900	BCL	--	--	--	--	2	2	0	0	<0.061	<0.061	--	--	--	--	--	--	--	--	--
	Bromide	mg/kg	--	--	--	--	--	--	2	2	0	0	<0.2	<0.2	--	--	--	--	--	--	--	--	--
	Carbonate as CO_3	mg/kg	--	--	--	--	--	--	2	2	1	50	<3	<3	9 J	9 J	9	9	--	--	SA-172	--	--
	Chlorate	mg/kg	38,900	BCL	--	--	--	--	2	2	2	100	--	--	14.3	24.6	19	19	7.3	0.37	SA-172	0	--
	Chloride	mg/kg	--	--	--	--	--	--	2	2	2	100	--	--	122	163	140	140	29	0.2	SA-172	--	--
	Cyanide (total)	mg/kg	164	BCL	--	--	--	--	1	1	0	0	<0.42	<0.42	--	--	--	--	--	--	--	--	--
	Nitrate (as NO_3)	mg/kg	100,000	BCL	--	--	--	--	2	2	2	100	--	--	37	58	48	48	15	0.31	SA-153	0	--
	Nitrite	mg/kg	120,000	RSL	--	--	--	--	2	2	0	0	<0.08	<0.08	--	--	--	--	--	--	--	--	--
	Perchlorate	mg/kg	908	BCL	--	--	--	--	2	2	2	100	--	--	8.67	10.2	9.4	9.4	1.1	0.11	SA-153	0	--
	Sulfate	mg/kg	--	--	--	--	--	--	2	2	2	100	--	--	710	1,570	1,100	1,100	610	0.53	SA-153	--	--
Metals	Aluminum	mg/kg	100,000	BCL	7,340	11,400	3,740 J	15,300 J	4	4	4	100	--	--	8,600	11,100	9,700	9,800	1,200	0.12	SA-172	0	--
	Antimony	mg/kg	3,450	BCL	0.5 UJ	3.4	0.12 J-	0.5 J-	4	4	2	50	0.5 UJ	0.5 UJ	2.7	3.0	2.9	2.9	0.21	0.074	SA-172	0	--
	Arsenic	mg/kg	7.2	SS	1.6	4.25	2.5	7.2 J	6	6	6	100	--	--	1.3	160	3	29	64	2.2	EE-C24-2	1	22
	Barium	mg/kg	100,000	BCL	111	213	73	445 J	4	4	4	100	--	--	176	418	230	260	110	0.41	SA-172	0	--
	Beryllium	mg/kg	6,130	BCL	0.362	0.588 J	0.16 J	0.89	4	4	4	100	--	--	0.392	0.561	0.46	0.47	0.083	0.18	SA-172	0	--
	Boron	mg/kg	100,000	BCL	3.6 J	11.7	<3.2	11.6 J+	4	4	4	100	--	--	5.6 J	9.7 J	8.2	7.9	1.8	0.23	SA-172	0	--
	Cadmium	mg/kg	8,180	BCL	<0.04	0.48	<0.129	<0.129	4	4	2	50	<0.04	<0.04	0.22	0.44	0.33	0.33	0.16	0.47	SA-172	0	--
	Calcium	mg/kg	--	--	--	--	9,440	82,800 J	4	4	4	100	--	--	18,600	35,300	30,000	28,000	8,200	0.29	SA-172	--	--
	Chromium (total)	mg/kg	--	--	5.57	10.7 J	2.6	16.7	4	4	4	100	--	--	5.98 J	8.18	6.5	6.8	0.97	0.14	SA-172	--	--
	Chromium VI	mg/kg	564	BCL	<0.18	0.29 J	<0.25	<0.32	2	2	0	0	<0.19	<0.19	--	--	--	--	--	--	--	--	--
	Cobalt	mg/kg	385	BCL	5.4	9.1	3.7 J	16.3 J	4	4	4	100	--	--	7.2	30.3 J	12	15	10	0.66	SA-172	0	--
	Copper	mg/kg	51,900	BCL	15.8	140	10.2	25.9 J	4	4	4	100	--	--	16.4	74.4	37	41	24	0.59	SA-172	0	--
	Iron	mg/kg	100,000	BCL	11,300	20,600	5,410	19,700	4	4	4	100	--	--	13,000	20,700	18,000	17,000	3,600	0.21	SA-172	0	--
	Lead	mg/kg	800	BCL	7.1	72.8	3 J	35.1	4	4	4	100	--	--	10.4	27.7 J	24	21	7.7	0.36	SA-172	0	--
	Magnesium	mg/kg	100,000	BCL	7,700	13,000	4,690 J	17,500 J	4	4	4	100	--	--	8,240	12,300	11,000	11,000	2,000	0.18	SA-172	0	--
	Manganese	mg/kg	100,000	BCL	262	537	151	863 J	11	6	11	100	--	--	376	24,000	1,400	3,700	6,800	1.8	EE-C24-2	0	--
	Mercury	mg/kg	3.13	BCL	0.006 J	0.362	<0.0072	0.11	4	4	4	100	--	--	0.014 J	0.284	0.071	0.11	0.12	1.1	SA-172	0	--
	Molybdenum	mg/kg	6,490	BCL	<0.31	32.7	0.3 J	2	4	4	4	100	--	--	0.46	1.24	0.75	0.8	0.32	0.41	SA-172	0	--
	Nickel	mg/kg	50,300	BCL	12.7	21.4	7.9 J	30 J	4	4	4	100	--	--	13.9 J	34.1 J	19	22	8.7	0.4	SA-172	0	--
	Phosphorus (total)	mg/kg	100,000	BCL	--	--	862	2,010	2	2	2	100	--	--	887 J-	927	910	910	28	0.031	SA-172	0	--
	Platinum	mg/kg	5,190	BCL	0.006 J	<0.11	<0.0435	0.099 J	4	4	3	75	<0.007	<0.007	0.009 J	0.052 J	0.022	0.028	0.022	0.8	SA-172	0	--
	Potassium	mg/kg	--	--	1,450	4,210	625	3,890	4	4	4	100	--	--	2,320	2,880	2,500	2,600	240	0.092	SA-172	--	--
	Selenium	mg/kg	6,490	BCL	<0.7	<4.3	<0.158	0.6	4	4	0	0	<0.7	<0.9	--	--	--	--	--	--	--	--	--
	Silver	mg/kg	100,000	BCL	<0.2	<0.2	<0.261	<0.261	4	4	1	25	<0.2	<0.2	0.3 J	0.3 J	0.3	0.3	--	--	SA-172	0	--
	Sodium	mg/kg	--	--	307	1,050	128	1,320	4	4	4	100	--	--	753	927	800	820	75	0.092	SA-172	--	--
	Strontium	mg/kg	100,000	BCL	129	339	75.5	808 J	4	4	4	100	--	--	186	271	200	210	40	0.19	SA-172	0	--
	Thallium	mg/kg	13	BCL	0.071	0.193 J	<0.543	1.8	4	4	4	100	--	--	0.099	0.811 J	0.42	0.44	0.29	0.67	SA-172	0	--
	Tin	mg/kg	100,000	BCL	<10.2	<11	0.24 J	0.8 J	4	4	4	100	--	--	3.7 J	6.6 J	5.3	5.2	1.5	0.28	SA-172	0	--
	Titanium	mg/kg	100,000	BCL	480	1,080	262	1,010 J	4	4	4	100	--	--	665	1,060	880	870	190	0.21	SA-172	0	--
	Tungsten	mg/kg	1,040	BCL	<0.11	0.62	0.0175 UJ	0.0175 UJ	4	4	4	100	--	--	0.25 J-	1.580	0.88	0.9	0.58	0.65	SA-172	0	--
	Uranium (total)	mg/kg	3,830	BCL	0.655	1.94	0.62 J	2.7	4	4	4	100	--	--	0.911 J	1.090	1	1	0.084	0.083	SA-172	0	--
	Vanadium	mg/kg	100,000	BCL	28	54.9	20.2	59.1 J	4	4	4	100	--	--	35.5	60.2	51	49	11	0.23	SA-172	0	--
	Zinc	mg/kg	100,000	BCL	25.8	254	15.4	121	4	4	4	100	--	--	30.2	67.3	45	47	15	0.33	SA-172	0	--
Radionuclides	Radium-226	pCi/g	0.023	BCL	--	--	0.494 J	2.36	2	2	2	100	--	--	0.271 U	1.38	0.83	0.83	0.78	0.95	SA-172	2	60
	Radium-228	pCi/g	0.046	BCL	--	--	0.946 U	2.92	2	2	2	100	--	--	0.919	1.86	1.4	1.4	0.67	0.48	SA-172	2	40
	Thorium-228	pCi/g	0.026	BCL	--	--	1.15	2.28	2	2	2	100	--	--	2.10 J	3.12	2.6	2.6	0.72	0.28	SA-172	2	120
	Thorium-230	pCi/g	14	BCL	--	--	0.73 J	3.01	2	2	2	100	--	--	1.08 J	1.14	1.1	1.1	0.042	0.038	SA-153	0	--
	Thorium-232	pCi/g	13	BCL	--	--	1.22	2.23	2	2	2	100	--	--	1.72	1.74	1.7	1.7	0.014	0.0082	SA-172	0	--
	Uranium-234	pCi/g	18	BCL	--	--	0.63 U	2.84	2	2	2	100	--	--	0.978	0.981 J	0.98	0.98	0.0021	0.0022	SA-172	0	--
	Uranium-235	pCi/g	0.33	BCL	--	--	0.0009	0.21 J	2	2	2	100	--	--	0.0325 J	0.0695	0.051	0.051	0.026	0.51	SA-172	0	--
	Uranium-238	pCi/g	1.5	BCL	--	--	0.65 J	2.37	2	2	2	100	--	--	0.921	0.988	0.95	0.95	0.047	0.05	SA-172	0	--
VOCs	Acetone	µg/kg	100,000,000	BCL	--	--	--	--	2	2	2	100	--	--	6.0 J	19 J	12	12	9.2	0.74	SA-153	0	--
	t-Amyl methyl ether	µg/kg	--	--	--	--	--	--	2	2	0	0	<0.11	<0.11	--	--	--	--	--	--	--	--	--
	Benzene	µg/kg	5,310	BCL	--	--	--	--	2	2	0	0	<0.20	<0.21	--	--	--	--	--	--	--	--	--
	Bromobenzene	µg/kg	679,000	BCL	--	--	--	--	2	2	0	0	<0.29	<0.30	--	--	--	--	--	--	--	--	--
	Bromochloromethane	µg/kg	628,000	BCL	--	--	--	--	2	2	0	0	<0.30	<0.32	--	--	--	--	--	--	--	--	--

TABLE 4-6a. STATISTICAL SUMMARY OF ECA C6 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects								
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	Bromodichloromethane	µg/kg	1,300	BCL	--	--	--	--	2	2	0	0	<0.20	<0.21	--	--	--	--	--	--	--	--	--
	Bromoform	µg/kg	95,300	BCL	--	--	--	--	2	2	0	0	0.40 UJ	<0.41	--	--	--	--	--	--	--	--	--
	Bromomethane	µg/kg	30,300	BCL	--	--	--	--	2	2	0	0	<0.43	<0.44	--	--	--	--	--	--	--	--	--
	2-Butanone	µg/kg	28,400,000	BCL	--	--	--	--	2	2	0	0	<0.72	<0.75	--	--	--	--	--	--	--	--	--
	n-Butylbenzene	µg/kg	108,000	BCL	--	--	--	--	2	2	0	0	<0.55	<0.57	--	--	--	--	--	--	--	--	--
	sec-Butylbenzene	µg/kg	145,000	BCL	--	--	--	--	2	2	0	0	<0.43	<0.44	--	--	--	--	--	--	--	--	--
	tert-Butylbenzene	µg/kg	183,000	BCL	--	--	--	--	2	2	0	0	<0.30	<0.32	--	--	--	--	--	--	--	--	--
	Carbon tetrachloride	µg/kg	2,960	BCL	--	--	--	--	2	2	0	0	<0.43	<0.44	--	--	--	--	--	--	--	--	--
	Chlorobenzene	µg/kg	1,370,000	BCL	--	--	--	--	2	2	0	0	<0.21	<0.22	--	--	--	--	--	--	--	--	--
	Chloroethane	µg/kg	2,120,000	BCL	--	--	--	--	2	2	0	0	<0.41	<0.42	--	--	--	--	--	--	--	--	--
	Chloroform	µg/kg	1,390	BCL	--	--	--	--	2	2	0	0	<0.30	<0.32	--	--	--	--	--	--	--	--	--
	Chloromethane	µg/kg	464,000	BCL	--	--	--	--	2	2	0	0	<0.29	<0.30	--	--	--	--	--	--	--	--	--
	2-Chlorotoluene	µg/kg	907,000	BCL	--	--	--	--	2	2	0	0	<0.42	<0.43	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	µg/kg	26,000,000	BCL	--	--	--	--	2	2	0	0	<0.51	<0.53	--	--	--	--	--	--	--	--	--
	Cumene	µg/kg	10,400,000	BCL	--	--	--	--	2	2	0	0	<0.27	<0.28	--	--	--	--	--	--	--	--	--
	p-Cymene	µg/kg	147,000	BCL	--	--	--	--	2	2	0	0	<0.42	<0.43	--	--	--	--	--	--	--	--	--
	1,2-Dibromo-3-chloropropane	µg/kg	64.9	BCL	--	--	--	--	2	2	0	0	0.65 UJ	<0.68	--	--	--	--	--	--	--	--	--
	Dibromochloromethane	µg/kg	43,300	BCL	--	--	--	--	2	2	0	0	<0.31	<0.33	--	--	--	--	--	--	--	--	--
	1,2-Dibromoethane	µg/kg	168	BCL	--	--	--	--	2	2	0	0	<0.29	<0.30	--	--	--	--	--	--	--	--	--
	Dibromomethane	µg/kg	98,900	BCL	--	--	--	--	2	2	0	0	<0.31	<0.33	--	--	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	µg/kg	376,000	BCL	--	--	--	--	2	2	0	0	<0.32	<0.34	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	µg/kg	373,000	BCL	--	--	--	--	2	2	0	0	<0.46	<0.48	--	--	--	--	--	--	--	--	--
	1,4-Dichlorobenzene	µg/kg	11,500	BCL	--	--	--	--	2	2	0	0	<0.56	<0.58	--	--	--	--	--	--	--	--	--
	Dichlorodifluoromethane	µg/kg	368,000	BCL	--	--	--	--	2	2	0	0	<0.49	<0.51	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethane	µg/kg	15,800	BCL	--	--	--	--	2	2	0	0	<0.15	<0.16	--	--	--	--	--	--	--	--	--
	1,2-Dichloroethane	µg/kg	2,100	BCL	--	--	--	--	2	2	0	0	<0.25	<0.26	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethene	µg/kg	20,000	BCL	--	--	--	--	2	2	0	0	<0.30	<0.32	--	--	--	--	--	--	--	--	--
	cis-1,2-Dichloroethene	µg/kg	400,000	BCL	--	--	--	--	2	2	0	0	<0.21	<0.22	--	--	--	--	--	--	--	--	--
	trans-1,2-Dichloroethene	µg/kg	304,000	BCL	--	--	--	--	2	2	0	0	<0.30	<0.31	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	µg/kg	11,700	BCL	--	--	--	--	2	2	0	0	<0.25	<0.26	--	--	--	--	--	--	--	--	--
	1,3-Dichloropropane	µg/kg	26,000,000	BCL	--	--	--	--	2	2	0	0	<0.29	<0.30	--	--	--	--	--	--	--	--	--
	2,2-Dichloropropane	µg/kg	--	--	--	--	--	--	2	2	0	0	<0.27	<0.28	--	--	--	--	--	--	--	--	--
	1,1-Dichloropropene	µg/kg	--	--	--	--	--	--	2	2	0	0	<0.38	<0.39	--	--	--	--	--	--	--	--	--
	cis-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	2	2	0	0	<0.29	<0.30	--	--	--	--	--	--	--	--	--
	trans-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	2	2	0	0	<0.34	<0.36	--	--	--	--	--	--	--	--	--
	Diisopropyl ether	µg/kg	2,260,000	BCL	--	--	--	--	2	2	0	0	<0.23	<0.24	--	--	--	--	--	--	--	--	--
	Ethyl benzene	µg/kg	26,600	BCL	--	--	--	--	2	2	0	0	<0.83	<0.86	--	--	--	--	--	--	--	--	--
	Ethyl tert-butyl ether	µg/kg	560,000	RSL	--	--	--	--	2	2	0	0	<0.23	<0.24	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	µg/kg	5,610	BCL	--	--	--	--	2	2	0	0	0.71 UJ	<0.74	--	--	--	--	--	--	--	--	--
	2-Hexanone	µg/kg	1,490,000	BCL	--	--	--	--	2	2	0	0	<0.66	<0.69	--	--	--	--	--	--	--	--	--
	Methyl tert-butyl ether	µg/kg	217,000	BCL	--	--	--	--	2	2	0	0	<0.21	<0.22	--	--	--	--	--	--	--	--	--
	Methylene Chloride	µg/kg	1,130,000	BCL	--	--	--	--	2	2	1	50	<0.38	<0.38	1.4 J	1.4 J	1.4	1.4	--	--	SA-172	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	2	2	0	0	<0.86	<0.89	--	--	--	--	--	--	--	--	--
	4-Methyl-2-pentanone	µg/kg	3,360,000	BCL	--	--	--	--	2	2	0	0	<0.61	<0.64	--	--	--	--	--	--	--	--	--
	n-Propylbenzene	µg/kg	264,000	BCL	--	--	--	--	2	2	0	0	<0.37	<0.38	--	--	--	--	--	--	--	--	--
	Styrene	µg/kg	867,000	BCL	--	--	--	--	2	2	0	0	<0.27	<0.28	--	--	--	--	--	--	--	--	--
	1,1,1,2-Tetrachloroethane	µg/kg	9,070	BCL	--	--	--	--	2	2	0	0	<0.23	<0.24	--	--	--	--	--	--	--	--	--
	1,1,2,2-Tetrachloroethane	µg/kg	2,910	BCL	--	--	--	--	2	2	0	0	<0.30	<0.32	--	--	--	--	--	--	--	--	--
	Tetrachloroethene	µg/kg	107,000	BCL	--	--	--	--	2	2	0	0	<0.46	<0.48	--	--	--	--	--	--	--	--	--
	Toluene	µg/kg	818,000	BCL	--	--	--	--	2	2	0	0	<0.30	<0.32	--	--	--	--	--	--	--	--	--
	1,2,3-Trichlorobenzene	µg/kg	151,000	BCL	--	--	--	--	2	2	0	0	0.68 UJ	<0.71	--	--	--	--	--	--	--	--	--
	1,2,4-Trichlorobenzene	µg/kg	125,000	BCL	--	--	--	--	2	2	0	0	0.72 UJ	<0.75	--	--	--	--	--	--	--	--	--
	1,1,1-Trichloroethane	µg/kg	640,000	BCL	--	--	--	--	2	2	0	0	<0.20	<0.21	--	--	--	--	--	--	--	--	--
	1,1,2-Trichloroethane	µg/kg	5,280	BCL	--	--	--	--	2	2	0	0	<0.22	<0.23	--	--	--	--	--	--	--	--	--
	Trichloroethene	µg/kg	6,310	BCL	--	--	--	--	2	2	0	0	<0.38	<0.39	--	--	--	--	--	--	--	--	--
	Trichlorofluoromethane	µg/kg	1,230,000	BCL	--	--	--	--	2	2	0	0	<0.31	<0.33	--	--	--	--	--	--	--	--	--

TABLE 4-6a. STATISTICAL SUMMARY OF ECA C6 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	1,2,3-Trichloropropane	µg/kg	121	BCL	--	--	--	--	2	2	0	0	<0.50	<0.52	--	--	--	--	--	--	--	--	--
	1,2,4-Trimethylbenzene	µg/kg	219,000	BCL	--	--	--	--	2	2	0	0	<0.35	<0.37	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	µg/kg	182,000	BCL	--	--	--	--	2	2	0	0	<0.28	<0.29	--	--	--	--	--	--	--	--	--
	Vinyl chloride	µg/kg	1,870	BCL	--	--	--	--	2	2	0	0	<0.22	<0.23	--	--	--	--	--	--	--	--	--
	m,p-Xylene	µg/kg	--	--	--	--	--	--	2	2	0	0	<0.60	<0.62	--	--	--	--	--	--	--	--	--
	o-Xylene	µg/kg	434,000	BCL	--	--	--	--	2	2	0	0	<0.60	<0.62	--	--	--	--	--	--	--	--	--
	tert Butyl alcohol	µg/kg	7,270,000	BCL	--	--	--	--	2	2	0	0	<6.6	<6.9	--	--	--	--	--	--	--	--	--
SVOCs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	7	7	0	0	<1.1	<430	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	7	7	1	14.3	<0.75	<440	1.4 J	1.4 J	1.4	1.4	--	--	SA-172	0	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	7	7	0	0	<1.2	<440	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	7	7	5	71.4	<20	<20	1.7 J	780	120	290	350	1.2	DS-C24-1	0	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	7	7	4	57.1	<20	<22	2.1 J	870 J	310	370	430	1.2	DS-C24-1	0	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	7	7	4	57.1	<1.2	<26	25	1,500 J	620	690	720	1	DS-C24-1	0	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	7	7	4	57.1	<1.3	<16	16	790 J	400	400	420	1	DS-C24-1	0	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	7	7	3	42.9	<0.84	45 UJ	18	1,400 J	900	770	700	0.91	DS-C24-1	0	--
	Butylbenzylphthalate	µg/kg	1,860,000	BCL	--	--	--	--	6	6	1	16.7	<2.4	98 UJ	15,000 J	15,000 J	15,000	15,000	--	--	DS-C24-1	0	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	7	7	4	57.1	<27	<30	2.4 J	1,300	500	580	660	1.1	DS-C24-1	0	--
	Di-n-butylphthalate	µg/kg	91,200,000	BCL	--	--	--	--	6	6	2	33.3	<29	<500	130 J	190 J	160	160	42	0.27	SA-153	0	--
	Di-n-octylphthalate	µg/kg	9,120,000	BCL	--	--	--	--	6	6	0	0	<1.1	<500	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	6	6	2	33.3	<0.78	<21	4.2 J	200 J	100	100	140	1.4	DS-C24-1	0	--
	Diethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	6	6	0	0	<26	<460	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	6	6	0	0	<0.90	<450	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	µg/kg	27,200	BCL	--	--	--	--	4	4	0	0	<5.0	<67	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	7	7	5	71.4	<35	<36	3.1 J	1,100	85	450	550	1.2	DS-C24-1	0	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	7	7	0	0	<0.70	<470	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	7	7	3	42.9	<29	<460	3.5 J	320 J	49	120	170	1.4	EE-C24-2	1	1.4
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	7	7	5	71.4	<22	<22	1.4 J	870 J	44	340	440	1.3	DS-C24-1	0	--
	1-Methylnaphthalene	µg/kg	770	BCL	--	--	--	--	3	3	2	66.7	<18	<18	21 J	27	24	24	4.2	0.18	EE-C24-2	0	--
	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	7	7	2	28.6	<19	<440	2.4 J	3.5 J	3	3	0.78	0.26	SA-172	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	7	7	2	28.6	<30	<420	1.7 J	2.8 J	2.2	2.2	0.78	0.35	SA-172	0	--
	Nitrobenzene	µg/kg	22,500	BCL	--	--	--	--	6	6	0	0	<1.8	<390	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	µg/kg	--	--	--	--	--	--	4	4	1	25	<3.6	<58	14	14	14	14	--	--	SA-172	--	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	7	7	4	57.1	<17	<480	4.5 J	280 J	36	89	130	1.5	DS-C24-1	0	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	7	7	7	100	--	--	3.8 J	1,300	28	350	550	1.6	DS-C24-1	0	--
	Pyridine	µg/kg	1,300,000	BCL	--	--	--	--	6	6	0	0	<27	<370	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	µg/kg	252,000	BCL	--	--	--	--	6	6	1	16.7	<45	<500	150 J	150 J	150	150	--	--	DS-C24-1	0	--
PAHs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	3	3	0	0	<0.88	<21	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	3	3	2	66.7	<0.93	<0.93	22 J	44 J	33	33	16	0.47	DS-C24-1	0	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	3	3	2	66.7	<4.0	<4.0	17 J	54 J	36	36	26	0.74	DS-C24-1	0	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	3	3	3	100	--	--	64	900 J	360	440	420	0.96	DS-C24-1	0	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	3	3	3	100	--	--	31	930 J	460	470	450	0.95	DS-C24-1	0	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	3	3	3	100	--	--	130	1,500 J	900	840	690	0.81	DS-C24-1	0	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	3	3	3	100	--	--	50	780 J	500	440	370	0.83	DS-C24-1	0	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	3	3	3	100	--	--	33	1,100 J	620	580	530	0.91	DS-C24-1	0	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	3	3	3	100	--	--	170	1,400 J	740	770	620	0.8	DS-C24-1	0	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	3	3	3	100	--	--	15 J	160 J	97	91	73	0.8	DS-C24-1	0	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	3	3	3	100	--	--	200	1,600 J	710	840	710	0.85	DS-C24-1	0	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	3	3	0	0	<2.6	<21	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	3	3	3	100	--	--	53	710 J	450	400	330	0.82	DS-C24-1	0	--
	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	3	3	2	66.7	<17	<17	27 J	56	42	42	21	0.49	EE-C24-2	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	3	3	3	100	--	--	13 J	49	14	25	21	0.81	EE-C24-2	0	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	3	3	3	100	--	--	180	590 J	180	320	240	0.75	DS-C24-1	0	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	3	3	3	100	--	--	200	1,700 J	720	870	760	0.87	DS-C24-1	0	--
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	26.7	BCL	--	--	--	--	4	4	2	50	<0.10	<0.12	0.263 J	2.37	1.3	1.3	1.5	1.1	SA-172	0	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	4	4	3	75	<0.21	<0.21	0.362 JK	7.22	0.57	2.7	3.9	1.4	SA-172	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	4	4	3	75	<0.335	<0.335	0.33 J	4.98	0.42	1.9	2.7	1.4	SA-172	--	--

TABLE 4-6a. STATISTICAL SUMMARY OF ECA C6 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Dioxins/Furans	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	4	4	4	100	--	--	0.772 J	9.22	0.94	3	4.2	1.4	SA-172	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	581	BCL	--	--	--	--	4	4	4	100	--	--	0.46 J	10.8	0.76	3.2	5.1	1.6	SA-172	0	--
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	4	4	4	100	--	--	2.15	39.2	3.2	12	18	1.5	SA-172	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	4	4	4	100	--	--	3.02 J	155	17	48	72	1.5	SA-172	--	--
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	--	--	--	--	--	--	4	4	4	100	--	--	2.8	67.8	4.3	20	32	1.6	SA-172	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	4	4	4	100	--	--	5.2 J	92.2	6.9	28	43	1.5	SA-172	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	4	4	4	100	--	--	2.8	40.7	4	13	19	1.4	SA-172	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	4	4	4	100	--	--	8.8	210	10	60	100	1.7	SA-172	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	4	4	4	100	--	--	6.16 JK	128	8.9	38	60	1.6	SA-172	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	4	4	4	100	--	--	0.905 JK	22.2	1.6	6.6	10	1.6	SA-172	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	4	4	4	100	--	--	1.7 J	72.6	3.5	20	35	1.7	SA-172	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	4	4	4	100	--	--	17.8	421	34	130	200	1.6	SA-172	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	4	4	4	100	--	--	9.16	202	15	60	95	1.6	SA-172	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	pg/g	--	--	--	--	--	--	4	4	4	100	--	--	58.9	1,260 J	96	380	590	1.6	SA-172	--	--
	Total Dioxin/Furan TEQ (Calculated)	pg/g	2,700	SS	--	--	--	--	4	4	4	100	--	--	3.7	84	5.5	25	40	1.6	SA-172	0	--
Petroleum Indicators	Petroleum Hydrocarbons	mg/kg	--	--	--	--	--	--	2	2	0	0	<41	<42	--	--	--	--	--	--	--	--	--
	Diesel Range Organics	mg/kg	--	--	--	--	--	--	2	2	0	0	<41	<42	--	--	--	--	--	--	--	--	--
Asbestos	Long Amphibole Protocol Structures Count	s/samp	0	SS	--	--	--	--	2	2	0	0	0	0	--	--	--	--	--	--	--	--	N/A
	Long Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	2	2	0	0	0	0	--	--	--	--	--	--	--	--	--
	Long Chrysotile Protocol Structures Count	s/samp	5	SS	--	--	--	--	2	2	0	0	0	0	--	--	--	--	--	--	--	--	--
	Short Amphibole Structures Counts	s/samp	--	--	--	--	--	--	2	2	0	0	0	0	--	--	--	--	--	--	--	--	--
	Short Asbestos Structures Counts	s/samp	--	--	--	--	--	--	2	2	1	50	0	0	1	1	1	1	--	--	SA-153	--	--
	Short Chrysotile Structures Counts	s/samp	--	--	--	--	--	--	2	2	1	50	0	0	1	1	1	1	--	--	SA-153	--	--
	Total Amphibole Protocol Structures Count	s/samp	--	--	--	--	--	--	2	2	0	0	0	0	--	--	--	--	--	--	--	--	--
	Total Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	2	2	1	50	0	0	1	1	1	1	--	--	SA-153	--	--
	Total Chrysotile Protocol Structures Count	s/samp	--	--	--	--	--	--	2	2	1	50	0	0	1	1	1	1	--	--	SA-153	--	--

Notes:

1. Health-based soil screening levels (HSSLs).
   SS: Site-specific values for Arsenic and Dioxin/Furan Toxicity Equivalence (TEQ).
   BCL: Lowest level among all available indoor and outdoor industrial worker Basic Comparison Levels (BCLs), NDEP 2025.
   RSL: Regional Screening Levels for industrial soil, USEPA 2024.

No detections, or maximum detected concentration is below HSSL (if available).
No HSSL available.
Radionuclides were determined to be consistent with background or natural concentration of uranium metal across OU-1.
Essential Nutrient, macronutrient or salt.
Individual VOCs were used to evaluate the nature and extent of impacts in soil from these compounds.

Sources:

[1] NDEP. 2025. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 17, July.
[2] USEPA. 2024. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund sites. November.
[3] NDEP. 2010. NDEP Response to Background Issues and Determination of Background Dataset for TRX. August 17.
[4] TIMET/BRC. 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity.

TABLE 4-6b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA C6
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	231
Phase B	SA-153	0.5 - 1	7/31/2009	0	0	--	--	--	--	--	--	--	--	--	--	--
		1 - 2.5	6/29/2009	--	--	**0.263 J**	**0.856 J**	**4.9**	**10.2**	**2.28**	**7.2**	**10.4**	**8,240**	**376**	**0.099**	**3.5 J**
	SA-172	0.5 - 1	7/31/2009	0	0	--	--	--	--	--	--	--	--	--	--	--
		1 - 2.5	6/26/2009	--	--	**2.37**	**10.8**	**84**	**8.67**	**3.27**	**13.4**	**21.7**	**9,920**	**1,930**	**0.453**	**49**
		1.5 - 2	12/17/2009	--	--	--	--	--	--	**2.68**	**10.9 J**	**25.7 J**	**12,200**	**930**	**0.387 J**	--
		2 - 2.5	12/17/2009	--	--	--	--	--	--	**3.90**	**30.3 J**	**27.7 J**	**12,300**	**3,850**	**0.811 J**	--
Pre-Excavation	SA-172	0.5 - 1	8/16/2010	--	--	<0.12	**0.46 J**	**3.7**	--	--	--	--	--	--	--	<29
		0.5 - 1.5	8/16/2010 (FD)	--	--	<0.10	**0.67 J**	**6.1**	--	--	--	--	--	--	--	<29
		2.5 - 3.5	6/23/2010	--	--	--	--	--	--	--	--	--	--	**1,200**	--	--
			6/23/2010 (FD)	--	--	--	--	--	--	--	--	--	--	**1,500**	--	--
		4.5 - 5.5	6/23/2010	--	--	--	--	--	--	--	--	--	--	**1,400**	--	--
		6.5 - 7.5	6/23/2010	--	--	--	--	--	--	--	--	--	--	**1,100**	--	--
		8.5 - 9.5	6/23/2010	--	--	--	--	--	--	--	--	--	--	**700**	--	--
2011 Removal Action	DS-C24-1	1.5	5/04/2011	--	--	--	--	--	--	**1.3**	--	--	--	**3,610**	--	<460
			5/04/2011 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	<92
	EE-C24-2	1.5	6/30/2011	--	--	--	--	--	--	**160**	--	--	--	**24,000**	--	**320 J**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram
pg/g: picograms per gram
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

TABLE 4-7a. STATISTICAL SUMMARY OF ECA C7 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
General Chemistry	Ammonia	mg/kg	27,900	BCL	--	--	--	--	5	3	0	0	<0.085	<0.097	--	--	--	--	--	--	--	--	--
	Bromide	mg/kg	--	--	--	--	--	--	5	3	0	0	<0.2	<0.2	--	--	--	--	--	--	--	--	--
	Carbonate as CO_3	mg/kg	--	--	--	--	--	--	5	3	4	80	<3	<3	5 J	80	21	32	34	1.1	SA-117	--	--
	Chlorate	mg/kg	38,900	BCL	--	--	--	--	5	3	5	100	--	--	0.070 J	4.28	1.3	1.8	1.6	0.88	SA-130	0	--
	Chloride	mg/kg	--	--	--	--	--	--	5	3	5	100	--	--	10.4 J	1,890	110	470	800	1.7	SA-130	--	--
	Cyanide (total)	mg/kg	164	BCL	--	--	--	--	4	2	0	0	<0.42	<0.5	--	--	--	--	--	--	--	--	--
	Nitrate (as NO_3)	mg/kg	100,000	BCL	--	--	--	--	5	3	5	100	--	--	5 J	95 J+	26	34	36	1	SA-130	0	--
	Nitrite	mg/kg	120,000	RSL	--	--	--	--	5	3	1	20	<0.08	<0.08	0.36	0.36	0.36	0.36	--	--	SA-130	0	--
	Perchlorate	mg/kg	908	BCL	--	--	--	--	5	3	4	80	<0.044	<0.044	1.92	200	4.5	53	98	1.9	SA-130	0	--
	Sulfate	mg/kg	--	--	--	--	--	--	5	3	5	100	--	--	94.7 J	31,700	1,400	7,400	14,000	1.8	SA-130	--	--
Metals	Aluminum	mg/kg	100,000	BCL	7,340	11,400	3,740 J	15,300 J	5	3	5	100	--	--	3,950	8,790	7,500	7,200	1,900	0.27	RSAP6	0	--
	Antimony	mg/kg	3,450	BCL	0.5 UJ	3.4	0.12 J-	0.5 J-	5	3	4	80	<0.5	<0.5	0.8 J	30.3	1.6	8.6	14	1.7	SA-130	0	--
	Arsenic	mg/kg	7.2	SS	1.6	4.25	2.5	7.2 J	31	12	31	100	--	--	1.3	2,000	3.7	250	550	2.1	SA-130	8	280
	Barium	mg/kg	100,000	BCL	111	213	73	445 J	5	3	5	100	--	--	138	2,490	160	620	1,000	1.7	SA-130	0	--
	Beryllium	mg/kg	6,130	BCL	0.362	0.588 J	0.16 J	0.89	5	3	5	100	--	--	0.392	2.16	0.47	0.79	0.77	0.97	SA-130	0	--
	Boron	mg/kg	100,000	BCL	3.6 J	11.7	<3.2	11.6 J+	5	3	5	100	--	--	4.5 J	13.8	6.5	7.6	3.7	0.49	SA-130	0	--
	Cadmium	mg/kg	8,180	BCL	<0.04	0.48	<0.129	<0.129	5	3	2	40	<0.04	<0.04	0.37	2.74	1.6	1.6	1.7	1.1	SA-130	0	--
	Calcium	mg/kg	--	--	--	--	9,440	82,800 J	5	3	5	100	--	--	14,400	31,700	22,000	22,000	6,600	0.3	SA-130	--	--
	Chromium (total)	mg/kg	--	--	5.57	10.7 J	2.6	16.7	5	3	5	100	--	--	5.5	9.05	6.1	6.9	1.5	0.22	SA-117	--	--
	Chromium VI	mg/kg	564	BCL	<0.18	0.29 J	<0.25	<0.32	5	3	1	20	<0.19	<0.20	0.21 J	0.21 J	0.21	0.21	--	--	SA-130	0	--
	Cobalt	mg/kg	385	BCL	5.4	9.1	3.7 J	16.3 J	5	3	5	100	--	--	6.2	13.3	7.9	8.6	2.9	0.33	SA-130	0	--
	Copper	mg/kg	51,900	BCL	15.8	140	10.2	25.9 J	5	3	5	100	--	--	17.4	171	19	49	68	1.4	SA-130	0	--
	Iron	mg/kg	100,000	BCL	11,300	20,600	5,410	19,700	5	3	5	100	--	--	12,700	16,600	14,000	15,000	1,700	0.11	SA-117	0	--
	Lead	mg/kg	800	BCL	7.1	72.8	3 J	35.1	5	3	5	100	--	--	6.1	309	8.9	68	130	2	SA-130	0	--
	Magnesium	mg/kg	100,000	BCL	7,700	13,000	4,690 J	17,500 J	5	3	5	100	--	--	8,420	19,300	9,400	11,000	4,600	0.41	SA-130	0	--
	Manganese	mg/kg	100,000	BCL	262	537	151	863 J	23	11	23	100	--	--	300	68,000	380	8,200	19,000	2.4	SA-130	0	--
	Mercury	mg/kg	3.13	BCL	0.006 J	0.362	<0.0072	0.11	5	3	5	100	--	--	0.009 J	0.052	0.013	0.02	0.018	0.87	SA-130	0	--
	Molybdenum	mg/kg	6,490	BCL	<0.31	32.7	0.3 J	2	5	3	5	100	--	--	0.3 J	17	0.44	3.7	7.4	2	SA-130	0	--
	Nickel	mg/kg	50,300	BCL	12.7	21.4	7.9 J	30 J	5	3	5	100	--	--	11.2	20.5	14	15	3.8	0.25	RSAP6	0	--
	Phosphorus (total)	mg/kg	100,000	BCL	--	--	862	2,010	5	3	5	100	--	--	821	1,080	1,000	960	120	0.12	SA-130	0	--
	Platinum	mg/kg	5,190	BCL	0.006 J	<0.11	<0.0435	0.099 J	5	3	5	100	--	--	0.005 J	0.057 J	0.008	0.017	0.022	1.3	SA-130	0	--
	Potassium	mg/kg	--	--	1,450	4,210	625	3,890	5	3	5	100	--	--	2,420	3,060	2,600	2,700	280	0.1	SA-130	--	--
	Selenium	mg/kg	6,490	BCL	<0.7	<4.3	<0.158	0.6	5	3	1	20	<0.7	<0.7	1 J	1 J	1	1	--	--	SA-117	0	--
	Silver	mg/kg	100,000	BCL	<0.2	<0.2	<0.261	<0.261	5	3	1	20	<0.2	<0.2	9.6	9.6	9.6	9.6	--	--	SA-130	0	--
	Sodium	mg/kg	--	--	307	1,050	128	1,320	5	3	5	100	--	--	376	1,750	660	950	620	0.65	SA-117	--	--
	Strontium	mg/kg	100,000	BCL	129	339	75.5	808 J	5	3	5	100	--	--	140	526	160	230	170	0.74	SA-130	0	--
	Thallium	mg/kg	13	BCL	0.071	0.193 J	<0.543	1.8	5	3	5	100	--	--	0.093	6.41	0.1	1.4	2.8	2	SA-130	0	--
	Tin	mg/kg	100,000	BCL	<10.2	<11	0.24 J	0.8 J	5	3	5	100	--	--	3.3 J	4.2 J	3.9	3.8	0.39	0.1	SA-130	0	--
	Titanium	mg/kg	100,000	BCL	480	1,080	262	1,010 J	5	3	5	100	--	--	475	847	740	700	140	0.2	RSAP6	0	--
	Tungsten	mg/kg	1,040	BCL	<0.11	0.62	0.0175 UJ	0.0175 UJ	5	3	5	100	--	--	0.19 J-	69.9	0.86	14	31	2.1	SA-130	0	--
	Uranium (total)	mg/kg	3,830	BCL	0.655	1.94	0.62 J	2.7	5	3	5	100	--	--	0.591	2.66	0.88	1.1	0.86	0.75	SA-130	0	--
	Vanadium	mg/kg	100,000	BCL	28	54.9	20.2	59.1 J	5	3	5	100	--	--	41.1	111	48	58	30	0.51	SA-130	0	--
	Zinc	mg/kg	100,000	BCL	25.8	254	15.4	121	5	3	5	100	--	--	30	511	35	130	210	1.7	SA-130	0	--
Radionuclides	Radium-226	pCi/g	0.023	BCL	--	--	0.494 J	2.36	5	3	5	100	--	--	0.594	1.09	0.83	0.8	0.2	0.24	SA-130	5	47
	Radium-228	pCi/g	0.046	BCL	--	--	0.946 U	2.92	5	3	5	100	--	--	0.269 U	1.83 J	1	1	0.56	0.54	SA-117	5	40
	Thorium-228	pCi/g	0.026	BCL	--	--	1.15	2.28	5	3	5	100	--	--	0.905	1.60	1.5	1.4	0.29	0.21	SA-130	5	62
	Thorium-230	pCi/g	14	BCL	--	--	0.73 J	3.01	5	3	5	100	--	--	0.785	3.26	0.81	1.3	1.1	0.84	SA-130	0	--
	Thorium-232	pCi/g	13	BCL	--	--	1.22	2.23	5	3	5	100	--	--	0.826	1.61	1.3	1.3	0.3	0.24	RSAP6	0	--
	Uranium-234	pCi/g	18	BCL	--	--	0.63 U	2.84	5	3	5	100	--	--	0.706	2.94	0.93	1.3	0.93	0.73	SA-130	0	--
	Uranium-235	pCi/g	0.33	BCL	--	--	0.0009	0.21 J	5	3	5	100	--	--	0.0197 J	0.160	0.055	0.066	0.055	0.84	SA-130	0	--
	Uranium-238	pCi/g	1.5	BCL	--	--	0.65 J	2.37	5	3	5	100	--	--	0.867	2.84	0.91	1.3	0.87	0.67	SA-130	1	1.9
VOCs	Acetone	µg/kg	100,000,000	BCL	--	--	--	--	5	3	4	80	<1.5	<1.5	4.5 J	11 J	7.9	7.8	2.8	0.35	SA-130	0	--
	t-Amyl methyl ether	µg/kg	--	--	--	--	--	--	5	3	0	0	<0.11	<0.13	--	--	--	--	--	--	--	--	--
	Benzene	µg/kg	5,310	BCL	--	--	--	--	5	3	0	0	<0.46	<0.51	--	--	--	--	--	--	--	--	--
	Bromobenzene	µg/kg	679,000	BCL	--	--	--	--	5	3	0	0	<0.41	<0.46	--	--	--	--	--	--	--	--	--
	Bromochloromethane	µg/kg	628,000	BCL	--	--	--	--	5	3	0	0	<0.41	<0.46	--	--	--	--	--	--	--	--	--

TABLE 4-7a. STATISTICAL SUMMARY OF ECA C7 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	Bromodichloromethane	µg/kg	1,300	BCL	--	--	--	--	5	3	0	0	<0.51	<0.57	--	--	--	--	--	--	--	--	--
	Bromoform	µg/kg	95,300	BCL	--	--	--	--	5	3	0	0	<0.42	<0.47	--	--	--	--	--	--	--	--	--
	Bromomethane	µg/kg	30,300	BCL	--	--	--	--	5	3	0	0	<0.77	<0.87	--	--	--	--	--	--	--	--	--
	2-Butanone	µg/kg	28,400,000	BCL	--	--	--	--	5	3	1	20	<0.75	<0.85	0.79 J	0.79 J	0.79	0.79	--	--	SA-117	0	--
	n-Butylbenzene	µg/kg	108,000	BCL	--	--	--	--	5	3	0	0	<0.75	<0.85	--	--	--	--	--	--	--	--	--
	sec-Butylbenzene	µg/kg	145,000	BCL	--	--	--	--	5	3	0	0	<0.64	<0.72	--	--	--	--	--	--	--	--	--
	tert-Butylbenzene	µg/kg	183,000	BCL	--	--	--	--	5	3	0	0	<0.54	<0.61	--	--	--	--	--	--	--	--	--
	Carbon tetrachloride	µg/kg	2,960	BCL	--	--	--	--	5	3	0	0	<0.45	<0.50	--	--	--	--	--	--	--	--	--
	Chlorobenzene	µg/kg	1,370,000	BCL	--	--	--	--	5	3	0	0	<0.48	<0.54	--	--	--	--	--	--	--	--	--
	Chloroethane	µg/kg	2,120,000	BCL	--	--	--	--	5	3	0	0	<0.48	<0.54	--	--	--	--	--	--	--	--	--
	Chloroform	µg/kg	1,390	BCL	--	--	--	--	5	3	2	40	<0.43	<0.48	1.1 J	6.9	4	4	4.1	1	RSAP6	0	--
	Chloromethane	µg/kg	464,000	BCL	--	--	--	--	5	3	0	0	<0.56	<0.64	--	--	--	--	--	--	--	--	--
	2-Chlorotoluene	µg/kg	907,000	BCL	--	--	--	--	5	3	0	0	<0.60	<0.68	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	µg/kg	26,000,000	BCL	--	--	--	--	5	3	0	0	<0.53	<0.60	--	--	--	--	--	--	--	--	--
	Cumene	µg/kg	10,400,000	BCL	--	--	--	--	5	3	0	0	<0.50	<0.56	--	--	--	--	--	--	--	--	--
	p-Cymene	µg/kg	147,000	BCL	--	--	--	--	5	3	0	0	<0.63	<0.71	--	--	--	--	--	--	--	--	--
	1,2-Dibromo-3-chloropropane	µg/kg	64.9	BCL	--	--	--	--	5	3	0	0	<0.68	<0.77	--	--	--	--	--	--	--	--	--
	Dibromochloromethane	µg/kg	43,300	BCL	--	--	--	--	5	3	0	0	<0.33	<0.37	--	--	--	--	--	--	--	--	--
	1,2-Dibromoethane	µg/kg	168	BCL	--	--	--	--	5	3	0	0	<0.30	<0.34	--	--	--	--	--	--	--	--	--
	Dibromomethane	µg/kg	98,900	BCL	--	--	--	--	5	3	0	0	<0.33	<0.37	--	--	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	µg/kg	376,000	BCL	--	--	--	--	5	3	0	0	<0.39	<0.44	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	µg/kg	373,000	BCL	--	--	--	--	5	3	0	0	<0.51	<0.58	--	--	--	--	--	--	--	--	--
	1,4-Dichlorobenzene	µg/kg	11,500	BCL	--	--	--	--	5	3	0	0	<0.69	<0.78	--	--	--	--	--	--	--	--	--
	Dichlorodifluoromethane	µg/kg	368,000	BCL	--	--	--	--	5	3	0	0	0.51 UJ	<0.58	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethane	µg/kg	15,800	BCL	--	--	--	--	5	3	0	0	<0.46	<0.51	--	--	--	--	--	--	--	--	--
	1,2-Dichloroethane	µg/kg	2,100	BCL	--	--	--	--	5	3	0	0	<0.35	<0.39	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethene	µg/kg	20,000	BCL	--	--	--	--	5	3	0	0	<0.37	<0.41	--	--	--	--	--	--	--	--	--
	cis-1,2-Dichloroethene	µg/kg	400,000	BCL	--	--	--	--	5	3	0	0	<0.31	<0.35	--	--	--	--	--	--	--	--	--
	trans-1,2-Dichloroethene	µg/kg	304,000	BCL	--	--	--	--	5	3	0	0	<0.51	<0.58	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	µg/kg	11,700	BCL	--	--	--	--	5	3	0	0	<0.39	<0.44	--	--	--	--	--	--	--	--	--
	1,3-Dichloropropane	µg/kg	26,000,000	BCL	--	--	--	--	5	3	0	0	<0.36	<0.40	--	--	--	--	--	--	--	--	--
	2,2-Dichloropropane	µg/kg	--	--	--	--	--	--	5	3	0	0	<0.33	<0.37	--	--	--	--	--	--	--	--	--
	1,1-Dichloropropene	µg/kg	--	--	--	--	--	--	5	3	0	0	<0.40	<0.45	--	--	--	--	--	--	--	--	--
	cis-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	5	3	0	0	<0.34	<0.38	--	--	--	--	--	--	--	--	--
	trans-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	5	3	0	0	<0.37	<0.41	--	--	--	--	--	--	--	--	--
	Diisopropyl ether	µg/kg	2,260,000	BCL	--	--	--	--	5	3	0	0	<0.24	<0.27	--	--	--	--	--	--	--	--	--
	Ethyl benzene	µg/kg	26,600	BCL	--	--	--	--	5	3	0	0	<0.87	<0.98	--	--	--	--	--	--	--	--	--
	Ethyl tert-butyl ether	µg/kg	560,000	RSL	--	--	--	--	5	3	0	0	<0.24	<0.27	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	µg/kg	5,610	BCL	--	--	--	--	5	3	0	0	<0.74	0.84 UJ	--	--	--	--	--	--	--	--	--
	2-Hexanone	µg/kg	1,490,000	BCL	--	--	--	--	5	3	0	0	<0.70	<0.79	--	--	--	--	--	--	--	--	--
	Methyl tert-butyl ether	µg/kg	217,000	BCL	--	--	--	--	5	3	0	0	<0.31	<0.35	--	--	--	--	--	--	--	--	--
	Methylene Chloride	µg/kg	1,130,000	BCL	--	--	--	--	5	3	0	0	<0.38	<0.43	--	--	--	--	--	--	--	--	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	5	3	0	0	<0.90	<1.1	--	--	--	--	--	--	--	--	--
	4-Methyl-2-pentanone	µg/kg	3,360,000	BCL	--	--	--	--	5	3	0	0	<0.64	<0.72	--	--	--	--	--	--	--	--	--
	n-Propylbenzene	µg/kg	264,000	BCL	--	--	--	--	5	3	0	0	<0.51	<0.57	--	--	--	--	--	--	--	--	--
	Styrene	µg/kg	867,000	BCL	--	--	--	--	5	3	0	0	<0.45	<0.50	--	--	--	--	--	--	--	--	--
	1,1,1,2-Tetrachloroethane	µg/kg	9,070	BCL	--	--	--	--	5	3	0	0	<0.28	<0.32	--	--	--	--	--	--	--	--	--
	1,1,2,2-Tetrachloroethane	µg/kg	2,910	BCL	--	--	--	--	5	3	0	0	<0.40	<0.45	--	--	--	--	--	--	--	--	--
	Tetrachloroethene	µg/kg	107,000	BCL	--	--	--	--	5	3	0	0	<0.49	<0.55	--	--	--	--	--	--	--	--	--
	Toluene	µg/kg	818,000	BCL	--	--	--	--	5	3	1	20	<0.32	<0.36	0.37 J	0.37 J	0.37	0.37	--	--	SA-130	0	--
	1,2,3-Trichlorobenzene	µg/kg	151,000	BCL	--	--	--	--	5	3	0	0	<0.71	<0.80	--	--	--	--	--	--	--	--	--
	1,2,4-Trichlorobenzene	µg/kg	125,000	BCL	--	--	--	--	5	3	0	0	<0.88	<0.99	--	--	--	--	--	--	--	--	--
	1,1,1-Trichloroethane	µg/kg	640,000	BCL	--	--	--	--	5	3	0	0	<0.21	<0.24	--	--	--	--	--	--	--	--	--
	1,1,2-Trichloroethane	µg/kg	5,280	BCL	--	--	--	--	5	3	0	0	<0.57	<0.65	--	--	--	--	--	--	--	--	--
	Trichloroethene	µg/kg	6,310	BCL	--	--	--	--	5	3	0	0	<0.40	<0.45	--	--	--	--	--	--	--	--	--
	Trichlorofluoromethane	µg/kg	1,230,000	BCL	--	--	--	--	5	3	0	0	<0.33	<0.37	--	--	--	--	--	--	--	--	--

TABLE 4-7a. STATISTICAL SUMMARY OF ECA C7 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	1,2,3-Trichloropropane	µg/kg	121	BCL	--	--	--	--	5	3	0	0	<0.52	<0.59	--	--	--	--	--	--	--	--	--
	1,2,4-Trimethylbenzene	µg/kg	219,000	BCL	--	--	--	--	5	3	0	0	<0.61	<0.69	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	µg/kg	182,000	BCL	--	--	--	--	5	3	0	0	<0.51	<0.58	--	--	--	--	--	--	--	--	--
	Vinyl chloride	µg/kg	1,870	BCL	--	--	--	--	5	3	0	0	<0.47	<0.53	--	--	--	--	--	--	--	--	--
	m,p-Xylene	µg/kg	--	--	--	--	--	--	5	3	0	0	<0.92	<1.1	--	--	--	--	--	--	--	--	--
	o-Xylene	µg/kg	434,000	BCL	--	--	--	--	5	3	0	0	<0.62	<0.70	--	--	--	--	--	--	--	--	--
	tert Butyl alcohol	µg/kg	7,270,000	BCL	--	--	--	--	5	3	0	0	<6.9	<7.8	--	--	--	--	--	--	--	--	--
SVOCs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	33	14	2	6.1	<1.0	<430	1.9 J	12 J	7	7	7.1	1	SSAP5-03	0	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	33	14	2	6.1	<0.74	<440	6.2	28 J	17	17	15	0.9	SSAP5-03	0	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	33	14	2	6.1	<1.2	<440	17	71 J	44	44	38	0.87	SSAP5-03	0	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	33	14	8	24.2	<0.60	<22	4.1 J	1,200	44	330	460	1.4	SSAP5-03	0	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	33	14	6	18.2	<0.70	<22	4.8 J	1,400	310	480	580	1.2	SSAP5-03	0	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	33	14	8	24.2	<1.2	<29	7.1	2,600 J	73	680	970	1.4	SSAP5-03	0	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	33	14	7	21.2	<1.3	<18	5.3 J	1,100	34	380	470	1.2	SSAP5-03	0	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	33	14	5	15.2	<0.86	<44	4.6 J	1,400 J	21	470	650	1.4	DS-C24-1	0	--
	Butylbenzylphthalate	µg/kg	1,860,000	BCL	--	--	--	--	32	14	1	3.1	<2.4	98 UJ	15,000 J	15,000 J	15,000	15,000	--	--	DS-C24-1	0	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	33	14	8	24.2	<1.1	<30	6.7 J	1,400	92	490	620	1.3	SSAP5-03	0	--
	Di-n-butylphthalate	µg/kg	91,200,000	BCL	--	--	--	--	32	14	2	6.2	<28	<500	49 J	76 J	62	62	19	0.31	SA-130	0	--
	Di-n-octylphthalate	µg/kg	9,120,000	BCL	--	--	--	--	32	14	2	6.2	<1.1	<500	81 J	82 J	82	82	0.71	0.0087	SSAP4-03	0	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	32	13	3	9.4	<0.77	<21	12	320 J	200	180	160	0.88	SSAP5-03	0	--
	Diethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	32	14	0	0	<25	<460	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	32	14	1	3.1	<0.89	<450	25 J	25 J	25	25	--	--	SSAP5-02	0	--
	1,4-Dioxane	µg/kg	27,200	BCL	--	--	--	--	30	12	0	0	<5.0	<72	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	33	14	7	21.2	<1.5	<39	6.7 J	1,100	280	460	490	1.1	DS-C24-1	0	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	33	14	1	3	<0.69	<470	3.2 J	3.2 J	3.2	3.2	--	--	EE-C24-1	0	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	32	14	9	28.1	<0.89	<460	3.2 J	3,100	170	910	1,100	1.3	SSAO5-03	4	13
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	33	14	6	18.2	<0.92	<24	5.3 J	940	420	440	470	1.1	SSAP5-03	0	--
	1-Methylnaphthalene	µg/kg	770	BCL	--	--	--	--	3	2	2	66.7	<18	<18	21 J	110	66	66	63	0.96	EE-C24-1	0	--
	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	33	14	1	3	<0.56	<440	210	210	210	210	--	--	EE-C24-1	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	33	14	2	6.1	<0.87	<420	1.4 J	180	91	91	130	1.4	EE-C24-1	0	--
	Nitrobenzene	µg/kg	22,500	BCL	--	--	--	--	32	14	0	0	<1.8	<390	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	µg/kg	--	--	--	--	--	--	30	12	4	13.3	<3.5	<62	190 J	560	320	350	150	0.44	SSAO5-03	--	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	33	14	5	15.2	<1.9	<480	2.8 J	530	120	190	220	1.2	EE-C24-1	0	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	33	14	9	27.3	<1.1	<13	8.5	1,300	65	420	550	1.3	DS-C24-1	0	--
	Pyridine	µg/kg	1,300,000	BCL	--	--	--	--	32	14	0	0	<27	<370	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	µg/kg	252,000	BCL	--	--	--	--	32	14	17	53.1	<45	<500	69 J	150 J	100	100	23	0.23	DS-C24-1	0	--
PAHs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	2	2	0	0	<19	<21	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	2	2	2	100	--	--	22 J	44 J	33	33	16	0.47	DS-C24-1	0	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	2	2	2	100	--	--	17 J	54 J	36	36	26	0.74	DS-C24-1	0	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	2	2	2	100	--	--	360 J	900 J	630	630	380	0.61	DS-C24-1	0	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	2	2	2	100	--	--	460 J	930 J	700	700	330	0.48	DS-C24-1	0	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	2	2	2	100	--	--	900 J	1,500 J	1,200	1,200	420	0.35	DS-C24-1	0	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	2	2	2	100	--	--	500 J	780 J	640	640	200	0.31	DS-C24-1	0	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	2	2	2	100	--	--	620 J	1,100 J	860	860	340	0.39	DS-C24-1	0	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	2	2	2	100	--	--	740 J	1,400 J	1,100	1,100	470	0.44	DS-C24-1	0	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	2	2	2	100	--	--	97 J	160 J	130	130	45	0.35	DS-C24-1	0	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	2	2	2	100	--	--	710 J	1,600 J	1,200	1,200	630	0.54	DS-C24-1	0	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	2	2	0	0	<20	<21	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	2	2	2	100	--	--	450 J	710 J	580	580	180	0.32	DS-C24-1	0	--
	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	2	2	1	50	<17	<17	27 J	27 J	27	27	--	--	DS-C24-1	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	2	2	2	100	--	--	13 J	14 J	14	14	0.71	0.052	DS-C24-1	0	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	2	2	2	100	--	--	180 J	590 J	380	380	290	0.75	DS-C24-1	0	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	2	2	2	100	--	--	720 J	1,700 J	1,200	1,200	690	0.57	DS-C24-1	0	--
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	26.7	BCL	--	--	--	--	4	4	3	75	<0.54	<0.54	0.34 J	33	31	21	18	0.85	SSAO5-03	2	1.2
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	4	4	3	75	<2.7	<2.7	0.69 J	110	110	74	63	0.86	SSAO5-03	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	4	4	3	75	<2.7	<2.7	0.51 JK	84	66	50	44	0.88	SSAO5-03	--	--

TABLE 4-7a. STATISTICAL SUMMARY OF ECA C7 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Dioxins/Furans	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	4	4	3	75	<2.7	<2.7	0.99 J	150	150	100	86	0.86	SSAO5-03	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	581	BCL	--	--	--	--	4	4	3	75	<2.7	<2.7	0.84 J	150	130	94	81	0.86	SSAO5-03	0	--
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	4	4	3	75	2.7 UJ	2.7 UJ	5.0	630	530	390	340	0.86	SSAO5-03	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	4	4	4	100	--	--	6.5 J	680	290	320	350	1.1	SSAO5-03	--	--
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	--	--	--	--	--	--	4	4	4	100	--	--	0.81 J	780	370	380	430	1.1	SSAO5-03	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	4	4	4	100	--	--	1.2 J	1,600	750	780	890	1.1	SSAO5-03	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	4	4	4	100	--	--	0.78 J	820	400	410	470	1.1	SSAO5-03	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	4	4	3	75	<2.7	<2.7	16	3,600 J+	3,400	2,300	2,000	0.86	SSAO5-03	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	4	4	3	75	<2.7	<2.7	10	1,800 J+	1,700	1,200	1,000	0.86	SSAO5-03	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	4	4	3	75	<2.7	<2.7	1.7 J	370 J+	350	240	210	0.86	SSAO5-03	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	4	4	3	75	<2.7	<2.7	3.2	350 J+	310	220	190	0.86	SSAO5-03	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	4	4	4	100	--	--	1.8 J	8,200	3,800	4,000	4,600	1.2	SSAO5-03	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	4	4	3	75	2.7 UJ	2.7 UJ	17	4,000	3,600	2,500	2,200	0.86	SSAO5-03	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	pg/g	--	--	--	--	--	--	4	4	4	100	--	--	6.8 J	28,000	12,000	13,000	15,000	1.2	SSAO5-03	--	--
	Total Dioxin/Furan TEQ (Calculated)	pg/g	2,700	SS	--	--	--	--	2	2	2	100	--	--	1,200	1,300	1,200	1,200	71	0.057	SSAO5-03	0	--
Pesticides - OCPs	Aldrin	µg/kg	205	BCL	--	--	--	--	3	2	0	0	<0.90	<0.92	--	--	--	--	--	--	--	--	--
	alpha-BHC	µg/kg	274,000	BCL	--	--	--	--	3	2	0	0	<0.90	<0.92	--	--	--	--	--	--	--	--	--
	beta-BHC	µg/kg	54,700	BCL	--	--	--	--	3	2	1	33.3	<0.92	<0.92	1.1 J	1.1 J	1.1	1.1	--	--	RSAP6	0	--
	delta-BHC	µg/kg	333,000	BCL	--	--	--	--	3	2	0	0	<0.90	<0.92	--	--	--	--	--	--	--	--	--
	gamma-BHC	µg/kg	11,100	BCL	--	--	--	--	3	2	0	0	<0.90	<0.92	--	--	--	--	--	--	--	--	--
	Chlordane (total)	µg/kg	--	--	--	--	--	--	3	2	0	0	<4.5	<4.6	--	--	--	--	--	--	--	--	--
	alpha-Chlordane	µg/kg	500,000	RSL	--	--	--	--	3	2	0	0	<0.90	<0.92	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	µg/kg	500,000	RSL	--	--	--	--	3	2	0	0	<0.90	<0.92	--	--	--	--	--	--	--	--	--
	4,4'-DDD	µg/kg	14,700	BCL	--	--	--	--	3	2	0	0	<1.8	<1.9	--	--	--	--	--	--	--	--	--
	4,4'-DDE	µg/kg	10,300	BCL	--	--	--	--	3	2	0	0	<1.8	<1.9	--	--	--	--	--	--	--	--	--
	4,4'-DDT	µg/kg	10,600	BCL	--	--	--	--	3	2	0	0	<1.8	<1.9	--	--	--	--	--	--	--	--	--
	Dieldrin	µg/kg	220	BCL	--	--	--	--	3	2	0	0	<1.8	<1.9	--	--	--	--	--	--	--	--	--
	Endosulfan I	µg/kg	--	--	--	--	--	--	3	2	0	0	<0.90	<0.92	--	--	--	--	--	--	--	--	--
	Endosulfan II	µg/kg	--	--	--	--	--	--	3	2	0	0	<1.8	<1.9	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	µg/kg	4,900,000	RSL	--	--	--	--	3	2	0	0	<1.8	<1.9	--	--	--	--	--	--	--	--	--
	Endrin	µg/kg	274,000	BCL	--	--	--	--	3	2	0	0	<1.8	<1.9	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	µg/kg	--	--	--	--	--	--	3	2	0	0	<1.8	<1.9	--	--	--	--	--	--	--	--	--
	Endrin ketone	µg/kg	--	--	--	--	--	--	3	2	0	0	<1.8	<1.9	--	--	--	--	--	--	--	--	--
	Heptachlor	µg/kg	696	BCL	--	--	--	--	3	2	0	0	<0.90	<0.92	--	--	--	--	--	--	--	--	--
	Heptachlor epoxide	µg/kg	366	BCL	--	--	--	--	3	2	0	0	<0.90	<0.92	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	4	2	2	50	<0.92	<0.92	2.7	140	71	71	97	1.4	EE-C24-1	0	--
	Methoxychlor	µg/kg	4,560,000	BCL	--	--	--	--	3	2	0	0	<8.9	<9.1	--	--	--	--	--	--	--	--	--
	Toxaphene	µg/kg	3,210	BCL	--	--	--	--	3	2	0	0	<18	<19	--	--	--	--	--	--	--	--	--
Pesticides - OPPs	Chlorpyrifos	µg/kg	912,000	BCL	--	--	--	--	2	1	0	0	<7.0	<7.0	--	--	--	--	--	--	--	--	--
	Coumaphos	µg/kg	--	--	--	--	--	--	2	1	0	0	<3.0	<3.1	--	--	--	--	--	--	--	--	--
	Dasanit	µg/kg	--	--	--	--	--	--	2	1	0	0	<8.8	<8.9	--	--	--	--	--	--	--	--	--
	Demeton-O	µg/kg	--	--	--	--	--	--	2	1	0	0	<5.7	<5.8	--	--	--	--	--	--	--	--	--
	Demeton-S	µg/kg	--	--	--	--	--	--	2	1	0	0	<5.3	<5.3	--	--	--	--	--	--	--	--	--
	Diazinon	µg/kg	638,000	BCL	--	--	--	--	2	1	0	0	<7.9	<7.9	--	--	--	--	--	--	--	--	--
	Dichlorovos	µg/kg	12,200	BCL	--	--	--	--	2	1	0	0	<8.0	<8.1	--	--	--	--	--	--	--	--	--
	Dimethoate	µg/kg	2,010,000	BCL	--	--	--	--	2	1	0	0	<7.7	<7.7	--	--	--	--	--	--	--	--	--
	Disulfoton	µg/kg	36,500	BCL	--	--	--	--	2	1	0	0	<8.4	<8.4	--	--	--	--	--	--	--	--	--
	EPN	µg/kg	9,120	BCL	--	--	--	--	2	1	0	0	<4.0	<4.0	--	--	--	--	--	--	--	--	--
	Ethoprop	µg/kg	--	--	--	--	--	--	2	1	0	0	<5.4	<5.4	--	--	--	--	--	--	--	--	--
	Famphur	µg/kg	--	--	--	--	--	--	2	1	0	0	<3.5	<3.5	--	--	--	--	--	--	--	--	--
	Fenthion	µg/kg	--	--	--	--	--	--	2	1	0	0	<9.5	<9.5	--	--	--	--	--	--	--	--	--
	Guthion	µg/kg	2,740,000	BCL	--	--	--	--	2	1	0	0	<3.8	<3.8	--	--	--	--	--	--	--	--	--
	Malathion	µg/kg	18,200,000	BCL	--	--	--	--	2	1	0	0	<5.0	<5.1	--	--	--	--	--	--	--	--	--
	Merphos	µg/kg	1,030	BCL	--	--	--	--	2	1	0	0	<5.6	<5.6	--	--	--	--	--	--	--	--	--
	Methyl parathion	µg/kg	228,000	BCL	--	--	--	--	2	1	0	0	<6.9	<6.9	--	--	--	--	--	--	--	--	--
	Mevinphos	µg/kg	--	--	--	--	--	--	2	1	0	0	5.0 UJ	5.0 UJ	--	--	--	--	--	--	--	--	--

TABLE 4-7a. STATISTICAL SUMMARY OF ECA C7 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Pesticides - OPPs	Naled	µg/kg	1,290	BCL	--	--	--	--	2	1	0	0	25 UJ	25 UJ	--	--	--	--	--	--	--	--	--
	Parathion	µg/kg	5,470,000	BCL	--	--	--	--	2	1	0	0	<5.7	<5.8	--	--	--	--	--	--	--	--	--
	Phorate	µg/kg	182,000	BCL	--	--	--	--	2	1	0	0	<6.2	<6.2	--	--	--	--	--	--	--	--	--
	Prothiophos	µg/kg	--	--	--	--	--	--	2	1	0	0	<4.2	<4.3	--	--	--	--	--	--	--	--	--
	Ronnel	µg/kg	26,800	BCL	--	--	--	--	2	1	0	0	<16	<17	--	--	--	--	--	--	--	--	--
	Stirophos	µg/kg	147,000	BCL	--	--	--	--	2	1	0	0	<4.7	<4.8	--	--	--	--	--	--	--	--	--
	Sulfotepp	µg/kg	456,000	BCL	--	--	--	--	2	1	0	0	<6.8	<6.8	--	--	--	--	--	--	--	--	--
	Sulprofos	µg/kg	--	--	--	--	--	--	2	1	0	0	<4.6	<4.6	--	--	--	--	--	--	--	--	--
	Thionazin	µg/kg	--	--	--	--	--	--	2	1	0	0	<6.0	<6.1	--	--	--	--	--	--	--	--	--
	Trichloronate	µg/kg	--	--	--	--	--	--	2	1	0	0	<6.8	<6.8	--	--	--	--	--	--	--	--	--
Petroleum Indicators	Petroleum Hydrocarbons	mg/kg	--	--	--	--	--	--	5	3	0	0	<41	<44	--	--	--	--	--	--	--	--	--
	Diesel Range Organics	mg/kg	--	--	--	--	--	--	5	3	0	0	<41	<44	--	--	--	--	--	--	--	--	--
Other Organics	Benzenesulfonic acid	µg/kg	100,000,000	BCL	--	--	--	--	2	1	0	0	<250	<250	--	--	--	--	--	--	--	--	--
	4-Chlorobenzenesulfonic acid	µg/kg	91,200,000	BCL	--	--	--	--	2	1	0	0	<250	<250	--	--	--	--	--	--	--	--	--
	Diethylphosphorodithioate	µg/kg	100,000,000	BCL	--	--	--	--	2	1	0	0	<250	<250	--	--	--	--	--	--	--	--	--
	o,o-Dimethyl Phosphorodithioate	µg/kg	100,000,000	BCL	--	--	--	--	2	1	0	0	<1,300	<1,300	--	--	--	--	--	--	--	--	--
	Phthalic acid	µg/kg	100,000,000	BCL	--	--	--	--	2	1	0	0	<250	<250	--	--	--	--	--	--	--	--	--
Asbestos	Long Amphibole Protocol Structures Count	s/samp	0	SS	--	--	--	--	5	5	1	20	0	0	8	8	8	8	--	--	SA-130	1	N/A
	Long Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	5	5	1	20	0	2	8	8	8	8	--	--	SA-130	--	--
	Long Chrysotile Protocol Structures Count	s/samp	5	SS	--	--	--	--	5	5	0	0	0	2	--	--	--	--	--	--	--	--	--
	Short Amphibole Structures Counts	s/samp	--	--	--	--	--	--	5	5	1	20	0	0	7	7	7	7	--	--	SA-130	--	--
	Short Asbestos Structures Counts	s/samp	--	--	--	--	--	--	5	5	2	40	0	1	5 J	7	6	6	1.4	0.24	SA-130	--	--
	Short Chrysotile Structures Counts	s/samp	--	--	--	--	--	--	5	5	1	20	0	1	5 J	5 J	5	5	--	--	SSAP5-02	--	--
	Total Amphibole Protocol Structures Count	s/samp	--	--	--	--	--	--	5	5	1	20	0	0	15	15	15	15	--	--	SA-130	--	--
	Total Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	5	5	2	40	0	1	7 J	15	11	11	5.7	0.51	SA-130	--	--
	Total Chrysotile Protocol Structures Count	s/samp	--	--	--	--	--	--	5	5	1	20	0	1	7 J	7 J	7	7	--	--	SSAP5-02	--	--

Notes:

1. Health-based soil screening levels (HSSLs).
   SS: Site-specific values for Arsenic and Dioxin/Furan Toxicity Equivalence (TEQ).
   BCL: Lowest level among all available indoor and outdoor industrial worker Basic Comparison Levels (BCLs), NDEP 2025.
   RSL: Regional Screening Levels for industrial soil, USEPA 2024.

No detections, or maximum detected concentration is below HSSL (if available).
No HSSL available.
Radionuclides were determined to be consistent with background or natural concentration of uranium metal across OU-1.
Essential Nutrient, macronutrient or salt.
Individual VOCs were used to evaluate the nature and extent of impacts in soil from these compounds.

Sources:

[1] NDEP. 2025. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 17, July.

[2] USEPA. 2024. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund sites. November.

[3] NDEP. 2010. NDEP Response to Background Issues and Determination of Background Dataset for TRX. August 17.

[4] TIMET/BRC. 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity.

TABLE 4-7b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA C7
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231	231
Phase B	RSAP6	0 - 1.5	10/08/2009	--	--	--	--	--	**1.92**	**1.52**	**8.9**	**8.9**	**9,400**	**1,750**	**0.194**	<0.90	**2.7**	**3.2 J**
	SA-117	0.5 - 2	9/18/2009	--	--	<0.54	<2.7	--	<0.044	**1.88**	**7.9 J**	**6.1**	**9,690**	**344 J+**	**0.102**	<0.92	<0.92	<0.89
		9 - 10.5	9/18/2009	--	--	--	--	--	**5.97**	**3.43**	**6.5**	**8**	**8,780**	**342 J+**	**0.093**	<0.92	<0.92	<0.89
	SA-130	0	8/25/2009	**8**	0	--	--	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 2	10/08/2009	--	--	**0.34 J**	**0.84 J**	--	**200**	**118**	**13.3**	**309**	**19,300**	**15,500**	**6.41**	--	--	**5.4 J**
		10 - 11.5	10/08/2009	--	--	--	--	--	**2.94**	**1.88**	**6.2**	**9.3**	**8,420**	**339**	**0.099**	--	--	**8.8**
Pre-Excavation	SA-130	3 - 4	4/07/2010	--	--	--	--	--	--	**630**	--	--	--	**30,000**	--	--	--	--
		5 - 6	4/07/2010	--	--	--	--	--	--	**1,600**	--	--	--	**64,000**	--	--	--	--
			4/07/2010 (FD)	--	--	--	--	--	--	**1,600**	--	--	--	**68,000**	--	--	--	--
		6 - 7	4/07/2010	--	--	--	--	--	--	**2,000**	--	--	--	--	--	--	--	--
		8 - 9	4/07/2010	--	--	--	--	--	--	**930**	--	--	--	--	--	--	--	--
		9 - 10	4/07/2010	--	--	--	--	--	--	**730**	--	--	--	--	--	--	--	--
	SSAO5-03	1 - 2	4/08/2010	--	--	**31**	**130**	**1,200**	--	**4.6**	--	--	--	**350**	--	--	--	**3,100**
			4/08/2010 (FD)	--	--	**33**	**150**	**1,300**	--	**4.4**	--	--	--	**470**	--	--	--	--
		2 - 3	4/08/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,100**
		5 - 6	4/08/2010	--	--	--	--	--	--	**3.7**	--	--	--	**380**	--	--	--	<30
	SSAP4-02	0	9/07/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<31
		3 - 4	9/07/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<31
	SSAP4-03	1 - 2	10/13/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**33 J**
		2 - 3	10/13/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<30
		3 - 4	10/13/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<30
		4 - 5	10/13/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<29
		5 - 6	10/13/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<29
		6 - 7	10/13/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<31
		7 - 8	10/13/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<30
	SSAP5-01	1.5 - 2.5	9/07/2010	--	--	--	--	--	--	--	--	--	--	**380**	--	--	--	--
		2.5 - 3.5	9/07/2010	--	--	--	--	--	--	--	--	--	--	**470**	--	--	--	--
		3.5 - 4.5	9/07/2010	--	--	--	--	--	--	--	--	--	--	**300**	--	--	--	--
	SSAP5-02	0.5 - 1	8/24/2010	0	2	--	--	--	--	--	--	--	--	--	--	--	--	--
		1.5 - 2.5	9/07/2010	--	--	--	--	--	--	**3.7**	--	--	--	--	--	--	--	<30
		2.5 - 3.5	9/07/2010	--	--	--	--	--	--	**3.0**	--	--	--	--	--	--	--	<30
		3.5 - 4.5	9/07/2010	--	--	--	--	--	--	**3.4**	--	--	--	--	--	--	--	<31
	SSAP5-03	1 - 2	9/08/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,900**
		2 - 3	9/08/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,900**
		3 - 4	9/08/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<31
		4 - 5	9/08/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**170 J**
		5 - 6	9/08/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<31
		10 - 11	9/08/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<31
	SSAP6-01	1.5 - 2.5	9/07/2010	--	--	--	--	--	--	**3.7**	--	--	--	--	--	--	--	<29
		2.5 - 3.5	9/07/2010	--	--	--	--	--	--	**3.1**	--	--	--	--	--	--	--	<32
		3.5 - 4.5	9/07/2010	--	--	--	--	--	--	**3.1**	--	--	--	--	--	--	--	<32
			9/07/2010 (FD)	--	--	--	--	--	--	**3.4**	--	--	--	--	--	--	--	<30
	SSAP6-02	0.5	8/24/2010	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
			8/24/2010 (FD)	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
		1.5 - 2.5	9/07/2010	--	--	--	--	--	--	**4.1**	--	--	--	**320**	--	--	--	--
			9/07/2010 (FD)	--	--	--	--	--	--	**3.2**	--	--	--	**300**	--	--	--	--
		5.5 - 6.5	9/07/2010	--	--	--	--	--	--	**3.2**	--	--	--	**340**	--	--	--	--
	SSAP6-03	1.5 - 2.5	9/07/2010	--	--	--	--	--	--	**4.9**	--	--	--	**800**	--	--	--	--
		5.5 - 6.5	9/07/2010	--	--	--	--	--	--	**3.4**	--	--	--	**360**	--	--	--	--
	SSAP7-03	0 - 0.5	8/24/2010	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 4-7b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA C7
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231	231
Pre-Excavation	SSAP7-03	1 - 2	9/07/2010	--	--	--	--	--	--	**3.8**	--	--	--	**380**	--	--	--	--
		5 - 6	9/07/2010	--	--	--	--	--	--	**3.6**	--	--	--	**510**	--	--	--	--
		10 - 11	9/07/2010	--	--	--	--	--	--	**2.9**	--	--	--	**400**	--	--	--	--
2011 Removal Action	DS-C24-1	1.5	5/04/2011	--	--	--	--	--	--	**1.3**	--	--	--	**3,610**	--	--	--	<460
			5/04/2011 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<92
	EE-C24-1	6	6/23/2011	--	--	--	--	--	--	**210**	--	--	--	--	--	--	**140**	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram
pg/g: picograms per gram
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

TABLE 4-8a. STATISTICAL SUMMARY OF ECA C8 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
General Chemistry	Ammonia	mg/kg	27,900	BCL	--	--	--	--	2	1	0	0	<0.097	<0.097	--	--	--	--	--	--	--	--	--
	Bromide	mg/kg	--	--	--	--	--	--	2	1	0	0	<0.2	<0.2	--	--	--	--	--	--	--	--	--
	Carbonate as CO_3	mg/kg	--	--	--	--	--	--	2	1	2	100	--	--	9 J	16 J	12	12	4.9	0.4	SA-178	--	--
	Chlorate	mg/kg	38,900	BCL	--	--	--	--	2	1	2	100	--	--	0.098 J	0.116 J	0.11	0.11	0.013	0.12	SA-178	0	--
	Chloride	mg/kg	--	--	--	--	--	--	2	1	2	100	--	--	9.4 J+	15.4 J+	12	12	4.2	0.34	SA-178	--	--
	Cyanide (total)	mg/kg	164	BCL	--	--	--	--	2	1	0	0	<0.42	<0.5	--	--	--	--	--	--	--	--	--
	Nitrate (as NO_3)	mg/kg	100,000	BCL	--	--	--	--	2	1	2	100	--	--	6.3 J+	28 J+	17	17	15	0.89	SA-178	0	--
	Nitrite	mg/kg	120,000	RSL	--	--	--	--	2	1	0	0	<0.08	<0.08	--	--	--	--	--	--	--	--	--
	Perchlorate	mg/kg	908	BCL	--	--	--	--	4	2	4	100	--	--	0.090	42	14	17	21	1.2	SSAO7-03	0	--
	Sulfate	mg/kg	--	--	--	--	--	--	2	1	2	100	--	--	54.8 J+	294 J+	170	170	170	0.97	SA-178	--	--
Metals	Aluminum	mg/kg	100,000	BCL	7,340	11,400	3,740 J	15,300 J	2	1	2	100	--	--	7,100	9,980	8,500	8,500	2,000	0.24	SA-178	0	--
	Antimony	mg/kg	3,450	BCL	0.5 UJ	3.4	0.12 J-	0.5 J-	2	1	1	50	0.6 UJ	0.6 UJ	0.8 J-	0.8 J-	0.8	0.8	--	--	SA-178	0	--
	Arsenic	mg/kg	7.2	SS	1.6	4.25	2.5	7.2 J	12	3	12	100	--	--	2.11	20 J+	3.6	6.6	6.1	0.93	SSAO7-09	3	2.8
	Barium	mg/kg	100,000	BCL	111	213	73	445 J	2	1	2	100	--	--	172 J	178 J	180	180	4.2	0.024	SA-178	0	--
	Beryllium	mg/kg	6,130	BCL	0.362	0.588 J	0.16 J	0.89	2	1	2	100	--	--	0.302 J	0.446 J	0.37	0.37	0.1	0.27	SA-178	0	--
	Boron	mg/kg	100,000	BCL	3.6 J	11.7	<3.2	11.6 J+	2	1	2	100	--	--	5.8 J	6 J	5.9	5.9	0.14	0.024	SA-178	0	--
	Cadmium	mg/kg	8,180	BCL	<0.04	0.48	<0.129	<0.129	2	1	0	0	<0.04	<0.04	--	--	--	--	--	--	--	--	--
	Calcium	mg/kg	--	--	--	--	9,440	82,800 J	2	1	2	100	--	--	19,200 J	22,000 J	21,000	21,000	2,000	0.096	SA-178	--	--
	Chromium (total)	mg/kg	--	--	5.57	10.7 J	2.6	16.7	2	1	2	100	--	--	4.41	6.57	5.5	5.5	1.5	0.28	SA-178	--	--
	Chromium VI	mg/kg	564	BCL	<0.18	0.29 J	<0.25	<0.32	2	1	0	0	<0.19	<0.20	--	--	--	--	--	--	--	--	--
	Cobalt	mg/kg	385	BCL	5.4	9.1	3.7 J	16.3 J	2	1	2	100	--	--	5.6 J	7.5 J	6.5	6.5	1.3	0.21	SA-178	0	--
	Copper	mg/kg	51,900	BCL	15.8	140	10.2	25.9 J	2	1	2	100	--	--	12.8 J	19.4 J	16	16	4.7	0.29	SA-178	0	--
	Iron	mg/kg	100,000	BCL	11,300	20,600	5,410	19,700	2	1	2	100	--	--	11,500 J	15,500 J	14,000	14,000	2,800	0.21	SA-178	0	--
	Lead	mg/kg	800	BCL	7.1	72.8	3 J	35.1	6	2	6	100	--	--	7.1	84	20	32	31	0.96	SSAO7-09	0	--
	Magnesium	mg/kg	100,000	BCL	7,700	13,000	4,690 J	17,500 J	2	1	2	100	--	--	8,400	9,890	9,100	9,100	1,100	0.12	SA-178	0	--
	Manganese	mg/kg	100,000	BCL	262	537	151	863 J	6	2	6	100	--	--	326 J	3,600	1,700	1,800	1,600	0.9	SSAO7-09	0	--
	Mercury	mg/kg	3.13	BCL	0.006 J	0.362	<0.0072	0.11	2	1	2	100	--	--	0.012 J	0.023	0.018	0.018	0.0078	0.44	SA-178	0	--
	Molybdenum	mg/kg	6,490	BCL	<0.31	32.7	0.3 J	2	2	1	2	100	--	--	0.31 J	0.39 J	0.35	0.35	0.057	0.16	SA-178	0	--
	Nickel	mg/kg	50,300	BCL	12.7	21.4	7.9 J	30 J	2	1	2	100	--	--	13.2 J	15.8 J	14	14	1.8	0.13	SA-178	0	--
	Phosphorus (total)	mg/kg	100,000	BCL	--	--	862	2,010	2	1	2	100	--	--	742	909	830	830	120	0.14	SA-178	0	--
	Platinum	mg/kg	5,190	BCL	0.006 J	<0.11	<0.0435	0.099 J	2	1	2	100	--	--	0.004 J	0.007 J	0.0055	0.0055	0.0021	0.39	SA-178	0	--
	Potassium	mg/kg	--	--	1,450	4,210	625	3,890	2	1	2	100	--	--	2,070	2,380	2,200	2,200	220	0.099	SA-178	--	--
	Selenium	mg/kg	6,490	BCL	<0.7	<4.3	<0.158	0.6	2	1	0	0	<0.8	<0.8	--	--	--	--	--	--	--	--	--
	Silver	mg/kg	100,000	BCL	<0.2	<0.2	<0.261	<0.261	2	1	0	0	<0.2	<0.2	--	--	--	--	--	--	--	--	--
	Sodium	mg/kg	--	--	307	1,050	128	1,320	2	1	2	100	--	--	487	544	520	520	40	0.078	SA-178	--	--
	Strontium	mg/kg	100,000	BCL	129	339	75.5	808 J	2	1	2	100	--	--	143	242	190	190	70	0.36	SA-178	0	--
	Thallium	mg/kg	13	BCL	0.071	0.193 J	<0.543	1.8	2	1	2	100	--	--	0.079 J	0.087 J	0.083	0.083	0.0057	0.068	SA-178	0	--
	Tin	mg/kg	100,000	BCL	<10.2	<11	0.24 J	0.8 J	2	1	2	100	--	--	3.9 J	4.3 J	4.1	4.1	0.28	0.069	SA-178	0	--
	Titanium	mg/kg	100,000	BCL	480	1,080	262	1,010 J	2	1	2	100	--	--	716	844	780	780	91	0.12	SA-178	0	--
	Tungsten	mg/kg	1,040	BCL	<0.11	0.62	0.0175 UJ	0.0175 UJ	2	1	2	100	--	--	0.19 J	0.19 J	0.19	0.19	0	0	SA-178	0	--
	Uranium (total)	mg/kg	3,830	BCL	0.655	1.94	0.62 J	2.7	2	1	2	100	--	--	0.872	0.96	0.92	0.92	0.062	0.068	SA-178	0	--
	Vanadium	mg/kg	100,000	BCL	28	54.9	20.2	59.1 J	2	1	2	100	--	--	36.5 J	49.3 J	43	43	9.1	0.21	SA-178	0	--
	Zinc	mg/kg	100,000	BCL	25.8	254	15.4	121	2	1	2	100	--	--	27.9	36	32	32	5.7	0.18	SA-178	0	--
Radionuclides	Radium-226	pCi/g	0.023	BCL	--	--	0.494 J	2.36	2	1	2	100	--	--	0.567	0.633	0.6	0.6	0.047	0.078	SA-178	2	28
	Radium-228	pCi/g	0.046	BCL	--	--	0.946 U	2.92	2	1	2	100	--	--	1.05	1.33	1.2	1.2	0.2	0.17	SA-178	2	29
	Thorium-228	pCi/g	0.026	BCL	--	--	1.15	2.28	2	1	2	100	--	--	1.24	1.53	1.4	1.4	0.21	0.15	SA-178	2	59
	Thorium-230	pCi/g	14	BCL	--	--	0.73 J	3.01	2	1	2	100	--	--	0.793	0.984	0.89	0.89	0.14	0.15	SA-178	0	--
	Thorium-232	pCi/g	13	BCL	--	--	1.22	2.23	2	1	2	100	--	--	1.17	1.37	1.3	1.3	0.14	0.11	SA-178	0	--
	Uranium-234	pCi/g	18	BCL	--	--	0.63 U	2.84	2	1	2	100	--	--	0.985	1.15	1.1	1.1	0.12	0.11	SA-178	0	--
	Uranium-235	pCi/g	0.33	BCL	--	--	0.0009	0.21 J	2	1	2	100	--	--	-0.0187 U	0.0493 U	0.015	0.015	0.048	3.1	SA-178	0	--
	Uranium-238	pCi/g	1.5	BCL	--	--	0.65 J	2.37	2	1	2	100	--	--	0.921	0.957	0.94	0.94	0.025	0.027	SA-178	0	--
VOCs	Acetone	µg/kg	100,000,000	BCL	--	--	--	--	2	1	2	100	--	--	10 J	38	24	24	20	0.82	SA-178	0	--
	t-Amyl methyl ether	µg/kg	--	--	--	--	--	--	2	1	0	0	<0.11	<0.11	--	--	--	--	--	--	--	--	--
	Benzene	µg/kg	5,310	BCL	--	--	--	--	2	1	0	0	<0.46	<0.46	--	--	--	--	--	--	--	--	--
	Bromobenzene	µg/kg	679,000	BCL	--	--	--	--	2	1	0	0	<0.41	<0.41	--	--	--	--	--	--	--	--	--
	Bromochloromethane	µg/kg	628,000	BCL	--	--	--	--	2	1	0	0	<0.41	<0.41	--	--	--	--	--	--	--	--	--

TABLE 4-8a. STATISTICAL SUMMARY OF ECA C8 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects								
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	Bromodichloromethane	µg/kg	1,300	BCL	--	--	--	--	2	1	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	Bromoform	µg/kg	95,300	BCL	--	--	--	--	2	1	0	0	<0.42	<0.42	--	--	--	--	--	--	--	--	--
	Bromomethane	µg/kg	30,300	BCL	--	--	--	--	2	1	0	0	<0.78	<0.78	--	--	--	--	--	--	--	--	--
	2-Butanone	µg/kg	28,400,000	BCL	--	--	--	--	2	1	0	0	<0.76	<0.76	--	--	--	--	--	--	--	--	--
	n-Butylbenzene	µg/kg	108,000	BCL	--	--	--	--	2	1	0	0	<0.76	<0.76	--	--	--	--	--	--	--	--	--
	sec-Butylbenzene	µg/kg	145,000	BCL	--	--	--	--	2	1	0	0	<0.65	<0.65	--	--	--	--	--	--	--	--	--
	tert-Butylbenzene	µg/kg	183,000	BCL	--	--	--	--	2	1	0	0	<0.55	<0.55	--	--	--	--	--	--	--	--	--
	Carbon tetrachloride	µg/kg	2,960	BCL	--	--	--	--	2	1	0	0	<0.45	<0.45	--	--	--	--	--	--	--	--	--
	Chlorobenzene	µg/kg	1,370,000	BCL	--	--	--	--	2	1	0	0	<0.48	<0.48	--	--	--	--	--	--	--	--	--
	Chloroethane	µg/kg	2,120,000	BCL	--	--	--	--	2	1	0	0	<0.48	<0.48	--	--	--	--	--	--	--	--	--
	Chloroform	µg/kg	1,390	BCL	--	--	--	--	2	1	1	50	<0.43	<0.43	1.8 J	1.8 J	1.8	1.8	--	--	SA-178	0	--
	Chloromethane	µg/kg	464,000	BCL	--	--	--	--	2	1	0	0	<0.57	<0.57	--	--	--	--	--	--	--	--	--
	2-Chlorotoluene	µg/kg	907,000	BCL	--	--	--	--	2	1	0	0	<0.61	<0.61	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	µg/kg	26,000,000	BCL	--	--	--	--	2	1	0	0	<0.54	<0.54	--	--	--	--	--	--	--	--	--
	Cumene	µg/kg	10,400,000	BCL	--	--	--	--	2	1	0	0	<0.50	<0.50	--	--	--	--	--	--	--	--	--
	p-Cymene	µg/kg	147,000	BCL	--	--	--	--	2	1	0	0	<0.64	<0.64	--	--	--	--	--	--	--	--	--
	1,2-Dibromo-3-chloropropane	µg/kg	64.9	BCL	--	--	--	--	2	1	0	0	<0.69	<0.69	--	--	--	--	--	--	--	--	--
	Dibromochloromethane	µg/kg	43,300	BCL	--	--	--	--	2	1	0	0	<0.33	<0.33	--	--	--	--	--	--	--	--	--
	1,2-Dibromoethane	µg/kg	168	BCL	--	--	--	--	2	1	0	0	<0.30	<0.30	--	--	--	--	--	--	--	--	--
	Dibromomethane	µg/kg	98,900	BCL	--	--	--	--	2	1	0	0	<0.33	<0.33	--	--	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	µg/kg	376,000	BCL	--	--	--	--	2	1	0	0	<0.39	<0.39	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	µg/kg	373,000	BCL	--	--	--	--	2	1	0	0	<0.52	<0.52	--	--	--	--	--	--	--	--	--
	1,4-Dichlorobenzene	µg/kg	11,500	BCL	--	--	--	--	2	1	0	0	<0.70	<0.70	--	--	--	--	--	--	--	--	--
	Dichlorodifluoromethane	µg/kg	368,000	BCL	--	--	--	--	2	1	0	0	<0.52	<0.52	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethane	µg/kg	15,800	BCL	--	--	--	--	2	1	0	0	<0.46	<0.46	--	--	--	--	--	--	--	--	--
	1,2-Dichloroethane	µg/kg	2,100	BCL	--	--	--	--	2	1	0	0	<0.35	<0.35	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethene	µg/kg	20,000	BCL	--	--	--	--	2	1	0	0	<0.37	<0.37	--	--	--	--	--	--	--	--	--
	cis-1,2-Dichloroethene	µg/kg	400,000	BCL	--	--	--	--	2	1	0	0	<0.31	<0.31	--	--	--	--	--	--	--	--	--
	trans-1,2-Dichloroethene	µg/kg	304,000	BCL	--	--	--	--	2	1	0	0	<0.52	<0.52	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	µg/kg	11,700	BCL	--	--	--	--	2	1	0	0	<0.39	<0.39	--	--	--	--	--	--	--	--	--
	1,3-Dichloropropane	µg/kg	26,000,000	BCL	--	--	--	--	2	1	0	0	<0.36	<0.36	--	--	--	--	--	--	--	--	--
	2,2-Dichloropropane	µg/kg	--	--	--	--	--	--	2	1	0	0	<0.33	<0.33	--	--	--	--	--	--	--	--	--
	1,1-Dichloropropene	µg/kg	--	--	--	--	--	--	2	1	0	0	<0.40	<0.40	--	--	--	--	--	--	--	--	--
	cis-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	2	1	0	0	<0.34	<0.34	--	--	--	--	--	--	--	--	--
	trans-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	2	1	0	0	<0.37	<0.37	--	--	--	--	--	--	--	--	--
	Diisopropyl ether	µg/kg	2,260,000	BCL	--	--	--	--	2	1	0	0	<0.24	<0.24	--	--	--	--	--	--	--	--	--
	Ethyl benzene	µg/kg	26,600	BCL	--	--	--	--	2	1	0	0	<0.88	<0.88	--	--	--	--	--	--	--	--	--
	Ethyl tert-butyl ether	µg/kg	560,000	RSL	--	--	--	--	2	1	0	0	<0.24	<0.24	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	µg/kg	5,610	BCL	--	--	--	--	2	1	0	0	<0.75	<0.75	--	--	--	--	--	--	--	--	--
	2-Hexanone	µg/kg	1,490,000	BCL	--	--	--	--	2	1	0	0	<0.71	<0.71	--	--	--	--	--	--	--	--	--
	Methyl tert-butyl ether	µg/kg	217,000	BCL	--	--	--	--	2	1	0	0	<0.31	<0.31	--	--	--	--	--	--	--	--	--
	Methylene Chloride	µg/kg	1,130,000	BCL	--	--	--	--	2	1	1	50	<0.38	<0.38	0.72 J	0.72 J	0.72	0.72	--	--	SA-178	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	2	1	0	0	<0.91	<0.91	--	--	--	--	--	--	--	--	--
	4-Methyl-2-pentanone	µg/kg	3,360,000	BCL	--	--	--	--	2	1	0	0	<0.65	<0.65	--	--	--	--	--	--	--	--	--
	n-Propylbenzene	µg/kg	264,000	BCL	--	--	--	--	2	1	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	Styrene	µg/kg	867,000	BCL	--	--	--	--	2	1	0	0	<0.45	<0.45	--	--	--	--	--	--	--	--	--
	1,1,1,2-Tetrachloroethane	µg/kg	9,070	BCL	--	--	--	--	2	1	0	0	<0.28	<0.28	--	--	--	--	--	--	--	--	--
	1,1,2,2-Tetrachloroethane	µg/kg	2,910	BCL	--	--	--	--	2	1	0	0	<0.40	<0.40	--	--	--	--	--	--	--	--	--
	Tetrachloroethene	µg/kg	107,000	BCL	--	--	--	--	2	1	0	0	<0.49	<0.49	--	--	--	--	--	--	--	--	--
	Toluene	µg/kg	818,000	BCL	--	--	--	--	2	1	0	0	<0.32	<0.32	--	--	--	--	--	--	--	--	--
	1,2,3-Trichlorobenzene	µg/kg	151,000	BCL	--	--	--	--	2	1	0	0	<0.72	<0.72	--	--	--	--	--	--	--	--	--
	1,2,4-Trichlorobenzene	µg/kg	125,000	BCL	--	--	--	--	2	1	0	0	<0.89	<0.89	--	--	--	--	--	--	--	--	--
	1,1,1-Trichloroethane	µg/kg	640,000	BCL	--	--	--	--	2	1	0	0	<0.21	<0.21	--	--	--	--	--	--	--	--	--
	1,1,2-Trichloroethane	µg/kg	5,280	BCL	--	--	--	--	2	1	0	0	<0.58	<0.58	--	--	--	--	--	--	--	--	--
	Trichloroethene	µg/kg	6,310	BCL	--	--	--	--	2	1	0	0	<0.40	<0.40	--	--	--	--	--	--	--	--	--
	Trichlorofluoromethane	µg/kg	1,230,000	BCL	--	--	--	--	2	1	0	0	<0.33	<0.33	--	--	--	--	--	--	--	--	--

TABLE 4-8a. STATISTICAL SUMMARY OF ECA C8 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	1,2,3-Trichloropropane	µg/kg	121	BCL	--	--	--	--	2	1	0	0	<0.53	<0.53	--	--	--	--	--	--	--	--	--
	1,2,4-Trimethylbenzene	µg/kg	219,000	BCL	--	--	--	--	2	1	0	0	<0.62	<0.62	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	µg/kg	182,000	BCL	--	--	--	--	2	1	0	0	<0.52	<0.52	--	--	--	--	--	--	--	--	--
	Vinyl chloride	µg/kg	1,870	BCL	--	--	--	--	2	1	0	0	<0.47	<0.47	--	--	--	--	--	--	--	--	--
	m,p-Xylene	µg/kg	--	--	--	--	--	--	2	1	0	0	<0.92	<0.93	--	--	--	--	--	--	--	--	--
	o-Xylene	µg/kg	434,000	BCL	--	--	--	--	2	1	0	0	<0.63	<0.63	--	--	--	--	--	--	--	--	--
	tert Butyl alcohol	µg/kg	7,270,000	BCL	--	--	--	--	2	1	0	0	<7.0	<7.0	--	--	--	--	--	--	--	--	--
SVOCs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	3	2	0	0	<1.1	<9.7	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	3	2	0	0	<0.79	<16	--	--	--	--	--	--	--	--	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	3	2	0	0	<1.3	<16	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	3	2	1	33.3	<0.61	<0.63	27 J	27 J	27	27	--	--	SSAO7-03	0	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	3	2	0	0	<0.72	<19	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	3	2	1	33.3	<1.2	<1.3	47 J	47 J	47	47	--	--	SSAO7-03	0	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	3	2	1	33.3	<1.3	<1.3	17 J	17 J	17	17	--	--	SSAO7-03	0	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	3	2	0	0	<0.88	38 UJ	--	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	µg/kg	1,860,000	BCL	--	--	--	--	3	2	0	0	<2.5	<40	--	--	--	--	--	--	--	--	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	3	2	2	66.7	<1.1	<1.1	2.2 J	34 J	18	18	22	1.2	SSAO7-03	0	--
	Di-n-butylphthalate	µg/kg	91,200,000	BCL	--	--	--	--	3	2	1	33.3	<27	<36	62 J	62 J	62	62	--	--	SA-178	0	--
	Di-n-octylphthalate	µg/kg	9,120,000	BCL	--	--	--	--	3	2	0	0	<1.2	<14	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	3	2	0	0	<0.82	<18	--	--	--	--	--	--	--	--	--
	Diethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	3	2	0	0	<24	<130	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	3	2	2	66.7	<0.95	<0.95	11 J	22 J	16	16	7.8	0.47	SSAO7-03	0	--
	1,4-Dioxane	µg/kg	27,200	BCL	--	--	--	--	3	2	0	0	5.3 UJ	<62	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	3	2	2	66.7	<1.5	<1.5	4.1 J	61 J	33	33	40	1.2	SSAO7-03	0	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	3	2	1	33.3	<0.73	<17	3.7 J	3.7 J	3.7	3.7	--	--	SA-178	0	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	3	2	1	33.3	<0.92	<27	130	130	130	130	--	--	SA-178	0	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	3	2	0	0	<0.94	<21	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	3	2	0	0	<0.60	<18	--	--	--	--	--	--	--	--	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	3	2	0	0	<0.90	<29	--	--	--	--	--	--	--	--	--
	Nitrobenzene	µg/kg	22,500	BCL	--	--	--	--	3	2	0	0	<1.9	<21	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	µg/kg	--	--	--	--	--	--	3	2	1	33.3	<3.8	<54	13	13	13	13	--	--	SA-178	--	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	3	2	3	100	--	--	2.9 J	26 J	8.2	12	12	0.98	SSAO7-03	0	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	3	2	2	66.7	<1.1	<1.1	2.5 J	52 J	27	27	35	1.3	SSAO7-03	0	--
	Pyridine	µg/kg	1,300,000	BCL	--	--	--	--	3	2	0	0	<29	<120	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	µg/kg	252,000	BCL	--	--	--	--	3	2	1	33.3	<140	<150	95 J	95 J	95	95	--	--	SSAO7-03	0	--
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	26.7	BCL	--	--	--	--	3	3	2	66.7	<0.53	<0.53	2.7	14	8.3	8.3	8	0.96	SSAO7-03	0	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	3	3	2	66.7	<2.6	<2.6	8.4	49	29	29	29	1	SSAO7-03	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	3	3	2	66.7	<2.6	<2.6	5.4	31	18	18	18	0.99	SSAO7-03	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	3	3	2	66.7	<2.6	<2.6	11	69	40	40	41	1	SSAO7-03	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	581	BCL	--	--	--	--	3	3	2	66.7	<2.6	<2.6	8.0	65	36	36	40	1.1	SSAO7-03	0	--
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	3	3	3	100	--	--	0.68 JK	250 J	47	99	130	1.3	SSAO7-03	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	3	3	3	100	--	--	4.7 J	260 J	130	130	130	0.97	SSAO7-03	--	--
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	--	--	--	--	--	--	3	3	3	100	--	--	0.33 J	340 J	100	150	170	1.2	SSAO7-03	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	3	3	3	100	--	--	0.42 JK	690	120	270	370	1.4	SSAO7-03	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	3	3	3	100	--	--	0.31 JK	360	62	140	190	1.4	SSAO7-03	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	3	3	3	100	--	--	1.1 J	1,700 J	170	620	940	1.5	SSAO7-03	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	3	3	3	100	--	--	0.58 JK	980	140	370	530	1.4	SSAO7-03	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	3	3	2	66.7	<2.6	<2.6	20	190	100	100	120	1.1	SSAO7-03	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	3	3	2	66.7	<2.6	<2.6	39	250	140	140	150	1	SSAO7-03	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	3	3	3	100	--	--	2.8	3,500 J	440	1,300	1,900	1.4	SSAO7-03	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	3	3	3	100	--	--	1.0 J	1,600 J	200	600	870	1.5	SSAO7-03	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	pg/g	--	--	--	--	--	--	3	3	3	100	--	--	14	13,000 J	860	4,600	7,300	1.6	SSAO7-03	--	--
	Total Dioxin/Furan TEQ (Calculated)	pg/g	2,700	SS	--	--	--	--	2	2	2	100	--	--	90	610	350	350	370	1.1	SSAO7-03	0	--
Petroleum Indicators	Petroleum Hydrocarbons	mg/kg	--	--	--	--	--	--	2	1	1	50	<43	<43	46	46	46	46	--	--	SA-178	--	--
	Diesel Range Organics	mg/kg	--	--	--	--	--	--	2	1	0	0	<43	<45	--	--	--	--	--	--	--	--	--
Asbestos	Long Amphibole Protocol Structures Count	s/samp	0	SS	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	N/A

TABLE 4-8a. STATISTICAL SUMMARY OF ECA C8 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects								
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Asbestos	Long Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	--
	Long Chrysotile Protocol Structures Count	s/samp	5	SS	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	--
	Short Amphibole Structures Counts	s/samp	--	--	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	--
	Short Asbestos Structures Counts	s/samp	--	--	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	--
	Short Chrysotile Structures Counts	s/samp	--	--	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	--
	Total Amphibole Protocol Structures Count	s/samp	--	--	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	--
	Total Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	--
	Total Chrysotile Protocol Structures Count	s/samp	--	--	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	--

Notes:

1. Health-based soil screening levels (HSSLs).
   SS: Site-specific values for Arsenic and Dioxin/Furan Toxicity Equivalence (TEQ).
   BCL: Lowest level among all available indoor and outdoor industrial worker Basic Comparison Levels (BCLs), NDEP 2025.
   RSL: Regional Screening Levels for industrial soil, USEPA 2024.

No detections, or maximum detected concentration is below HSSL (if available).
No HSSL available.
Radionuclides were determined to be consistent with background or natural concentration of uranium metal across OU-1.
Essential Nutrient, macronutrient or salt.
Individual VOCs were used to evaluate the nature and extent of impacts in soil from these compounds.

Sources:

[1] NDEP. 2025. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 17, July.

[2] USEPA. 2024. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund sites. November.

[3] NDEP. 2010. NDEP Response to Background Issues and Determination of Background Dataset for TRX. August 17.

[4] TIMET/BRC. 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity.

TABLE 4-8b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA C8
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	231
Phase B	SA-178	0 - 0.5	10/02/2009	0	0	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 2	10/14/2009	--	--	<0.53	<2.6	--	**0.44**	**2.11**	**5.6 J**	**7.8 J**	**8,400**	**326 J**	**0.079 J**	**130**
		10 - 11.5	10/14/2009	--	--	--	--	--	**0.090**	**2.23**	**7.5 J**	**23.3 J**	**9,890**	**349 J**	**0.087 J**	<0.92
Pre-Excavation	SSAO7-03	0 - 0.5	8/13/2010	--	--	**2.7**	**8.0**	**90**	--	--	--	--	--	--	--	<27
		1 - 2	5/05/2010	--	--	**14**	**65**	**610**	**27**	**4.7**	--	--	--	--	--	--
		5 - 6	5/05/2010	--	--	--	--	--	**42**	**4.0**	--	--	--	--	--	--
	SSAO7-09	1 - 2	9/16/2010	--	--	--	--	--	--	**5.3 J+**	--	**16**	--	**3,000**	--	--
		5 - 6	9/16/2010	--	--	--	--	--	--	**20 J+**	--	**84**	--	**3,600**	--	--
			9/16/2010 (FD)	--	--	--	--	--	--	**15 J+**	--	**56**	--	**3,300**	--	--
		6 - 7	9/16/2010	--	--	--	--	--	--	**2.9**	--	--	--	--	--	--
		7 - 8	9/16/2010	--	--	--	--	--	--	**14**	--	--	--	--	--	--
		8 - 9	9/16/2010	--	--	--	--	--	--	**2.3**	--	--	--	--	--	--
		9 - 10	9/16/2010	--	--	--	--	--	--	**3.1**	--	--	--	--	--	--
		10 - 11	9/16/2010	--	--	--	--	--	--	**3.2 J+**	--	**7.1**	--	**350**	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram
pg/g: picograms per gram
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

TABLE 4-9a. STATISTICAL SUMMARY OF ECA C9 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
General Chemistry	Ammonia	mg/kg	27,900	BCL	--	--	--	--	1	1	0	0	<0.061	<0.061	--	--	--	--	--	--	--	--	--
	Bromide	mg/kg	--	--	--	--	--	--	1	1	0	0	<0.2	<0.2	--	--	--	--	--	--	--	--	--
	Carbonate as CO_3	mg/kg	--	--	--	--	--	--	1	1	0	0	<3	<3	--	--	--	--	--	--	--	--	--
	Chlorate	mg/kg	38,900	BCL	--	--	--	--	1	1	1	100	--	--	4.98	4.98	5	5	--	--	SA-53	0	--
	Chloride	mg/kg	--	--	--	--	--	--	1	1	1	100	--	--	99.8	99.8	100	100	--	--	SA-53	--	--
	Cyanide (total)	mg/kg	164	BCL	--	--	--	--	1	1	0	0	<0.42	<0.42	--	--	--	--	--	--	--	--	--
	Nitrate (as NO_3)	mg/kg	100,000	BCL	--	--	--	--	1	1	1	100	--	--	66	66	66	66	--	--	SA-53	0	--
	Nitrite	mg/kg	120,000	RSL	--	--	--	--	1	1	0	0	<0.08	<0.08	--	--	--	--	--	--	--	--	--
	Perchlorate	mg/kg	908	BCL	--	--	--	--	3	2	3	100	--	--	11	878	30	310	500	1.6	EE-C23-1	0	--
	Sulfate	mg/kg	--	--	--	--	--	--	1	1	1	100	--	--	563	563	560	560	--	--	SA-53	--	--
Metals	Aluminum	mg/kg	100,000	BCL	7,340	11,400	3,740 J	15,300 J	1	1	1	100	--	--	6,860	6,860	6,900	6,900	--	--	SA-53	0	--
	Antimony	mg/kg	3,450	BCL	0.5 UJ	3.4	0.12 J-	0.5 J-	1	1	0	0	0.4 UJ	0.4 UJ	--	--	--	--	--	--	--	--	--
	Arsenic	mg/kg	7.2	SS	1.6	4.25	2.5	7.2 J	5	3	5	100	--	--	1.83	707 J-	3.3	260	360	1.4	DS-C23-1	2	98
	Barium	mg/kg	100,000	BCL	111	213	73	445 J	1	1	1	100	--	--	126	126	130	130	--	--	SA-53	0	--
	Beryllium	mg/kg	6,130	BCL	0.362	0.588 J	0.16 J	0.89	1	1	1	100	--	--	0.437	0.437	0.44	0.44	--	--	SA-53	0	--
	Boron	mg/kg	100,000	BCL	3.6 J	11.7	<3.2	11.6 J+	1	1	1	100	--	--	3.6 J	3.6 J	3.6	3.6	--	--	SA-53	0	--
	Cadmium	mg/kg	8,180	BCL	<0.04	0.48	<0.129	<0.129	1	1	1	100	--	--	0.07 J	0.07 J	0.07	0.07	--	--	SA-53	0	--
	Calcium	mg/kg	--	--	--	--	9,440	82,800 J	1	1	1	100	--	--	20,700 J	20,700 J	21,000	21,000	--	--	SA-53	--	--
	Chromium (total)	mg/kg	--	--	5.57	10.7 J	2.6	16.7	1	1	1	100	--	--	7.58 J	7.58 J	7.6	7.6	--	--	SA-53	--	--
	Chromium VI	mg/kg	564	BCL	<0.18	0.29 J	<0.25	<0.32	1	1	0	0	<0.18	<0.18	--	--	--	--	--	--	--	--	--
	Cobalt	mg/kg	385	BCL	5.4	9.1	3.7 J	16.3 J	2	1	2	100	--	--	5.3	174	90	90	120	1.3	DS-C23-1	0	--
	Copper	mg/kg	51,900	BCL	15.8	140	10.2	25.9 J	1	1	1	100	--	--	13.3	13.3	13	13	--	--	SA-53	0	--
	Iron	mg/kg	100,000	BCL	11,300	20,600	5,410	19,700	1	1	1	100	--	--	11,700	11,700	12,000	12,000	--	--	SA-53	0	--
	Lead	mg/kg	800	BCL	7.1	72.8	3 J	35.1	3	2	3	100	--	--	6.5	5,280	3,600	3,000	2,700	0.91	DS-C23-1	2	6.6
	Magnesium	mg/kg	100,000	BCL	7,700	13,000	4,690 J	17,500 J	2	1	2	100	--	--	3,340 J	6,330	4,800	4,800	2,100	0.44	SA-53	0	--
	Manganese	mg/kg	100,000	BCL	262	537	151	863 J	3	2	3	100	--	--	263	204,000 J	77,000	94,000	100,000	1.1	DS-C23-1	1	2
	Mercury	mg/kg	3.13	BCL	0.006 J	0.362	<0.0072	0.11	1	1	1	100	--	--	0.011 J	0.011 J	0.011	0.011	--	--	SA-53	0	--
	Molybdenum	mg/kg	6,490	BCL	<0.31	32.7	0.3 J	2	1	1	1	100	--	--	0.34	0.34	0.34	0.34	--	--	SA-53	0	--
	Nickel	mg/kg	50,300	BCL	12.7	21.4	7.9 J	30 J	1	1	1	100	--	--	11.7 J	11.7 J	12	12	--	--	SA-53	0	--
	Phosphorus (total)	mg/kg	100,000	BCL	--	--	862	2,010	1	1	1	100	--	--	797	797	800	800	--	--	SA-53	0	--
	Platinum	mg/kg	5,190	BCL	0.006 J	<0.11	<0.0435	0.099 J	1	1	1	100	--	--	0.008 J	0.008 J	0.008	0.008	--	--	SA-53	0	--
	Potassium	mg/kg	--	--	1,450	4,210	625	3,890	1	1	1	100	--	--	1,700	1,700	1,700	1,700	--	--	SA-53	--	--
	Selenium	mg/kg	6,490	BCL	<0.7	<4.3	<0.158	0.6	1	1	0	0	<0.6	<0.6	--	--	--	--	--	--	--	--	--
	Silver	mg/kg	100,000	BCL	<0.2	<0.2	<0.261	<0.261	1	1	0	0	<0.2	<0.2	--	--	--	--	--	--	--	--	--
	Sodium	mg/kg	--	--	307	1,050	128	1,320	1	1	1	100	--	--	576 J	576 J	580	580	--	--	SA-53	--	--
	Strontium	mg/kg	100,000	BCL	129	339	75.5	808 J	1	1	1	100	--	--	120	120	120	120	--	--	SA-53	0	--
	Thallium	mg/kg	13	BCL	0.071	0.193 J	<0.543	1.8	1	1	1	100	--	--	0.097	0.097	0.097	0.097	--	--	SA-53	0	--
	Tin	mg/kg	100,000	BCL	<10.2	<11	0.24 J	0.8 J	1	1	1	100	--	--	3.5 J	3.5 J	3.5	3.5	--	--	SA-53	0	--
	Titanium	mg/kg	100,000	BCL	480	1,080	262	1,010 J	1	1	1	100	--	--	617	617	620	620	--	--	SA-53	0	--
	Tungsten	mg/kg	1,040	BCL	<0.11	0.62	0.0175 UJ	0.0175 UJ	1	1	1	100	--	--	0.11 J-	0.11 J-	0.11	0.11	--	--	SA-53	0	--
	Uranium (total)	mg/kg	3,830	BCL	0.655	1.94	0.62 J	2.7	1	1	1	100	--	--	0.842	0.842	0.84	0.84	--	--	SA-53	0	--
	Vanadium	mg/kg	100,000	BCL	28	54.9	20.2	59.1 J	1	1	1	100	--	--	36.4	36.4	36	36	--	--	SA-53	0	--
	Zinc	mg/kg	100,000	BCL	25.8	254	15.4	121	1	1	1	100	--	--	28.6 J	28.6 J	29	29	--	--	SA-53	0	--
Radionuclides	Radium-226	pCi/g	0.023	BCL	--	--	0.494 J	2.36	1	1	1	100	--	--	0.813	0.813	0.81	0.81	--	--	SA-53	1	35
	Radium-228	pCi/g	0.046	BCL	--	--	0.946 U	2.92	1	1	1	100	--	--	0.717 J	0.717 J	0.72	0.72	--	--	SA-53	1	16
	Thorium-228	pCi/g	0.026	BCL	--	--	1.15	2.28	1	1	1	100	--	--	2.24	2.24	2.2	2.2	--	--	SA-53	1	86
	Thorium-230	pCi/g	14	BCL	--	--	0.73 J	3.01	1	1	1	100	--	--	1.08	1.08	1.1	1.1	--	--	SA-53	0	--
	Thorium-232	pCi/g	13	BCL	--	--	1.22	2.23	1	1	1	100	--	--	1.99	1.99	2	2	--	--	SA-53	0	--
	Uranium-234	pCi/g	18	BCL	--	--	0.63 U	2.84	1	1	1	100	--	--	0.892	0.892	0.89	0.89	--	--	SA-53	0	--
	Uranium-235	pCi/g	0.33	BCL	--	--	0.0009	0.21 J	1	1	1	100	--	--	0.045	0.045	0.045	0.045	--	--	SA-53	0	--
	Uranium-238	pCi/g	1.5	BCL	--	--	0.65 J	2.37	1	1	1	100	--	--	0.882	0.882	0.88	0.88	--	--	SA-53	0	--
VOCs	Acetone	µg/kg	100,000,000	BCL	--	--	--	--	1	1	1	100	--	--	19 J	19 J	19	19	--	--	SA-53	0	--
	t-Amyl methyl ether	µg/kg	--	--	--	--	--	--	1	1	0	0	<0.13	<0.13	--	--	--	--	--	--	--	--	--
	Benzene	µg/kg	5,310	BCL	--	--	--	--	1	1	0	0	<0.25	<0.25	--	--	--	--	--	--	--	--	--
	Bromobenzene	µg/kg	679,000	BCL	--	--	--	--	1	1	0	0	<0.36	<0.36	--	--	--	--	--	--	--	--	--
	Bromochloromethane	µg/kg	628,000	BCL	--	--	--	--	1	1	0	0	<0.38	<0.38	--	--	--	--	--	--	--	--	--

TABLE 4-9a. STATISTICAL SUMMARY OF ECA C9 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects								
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	Bromodichloromethane	µg/kg	1,300	BCL	--	--	--	--	1	1	0	0	<0.25	<0.25	--	--	--	--	--	--	--	--	--
	Bromoform	µg/kg	95,300	BCL	--	--	--	--	1	1	0	0	<0.50	<0.50	--	--	--	--	--	--	--	--	--
	Bromomethane	µg/kg	30,300	BCL	--	--	--	--	1	1	0	0	<0.53	<0.53	--	--	--	--	--	--	--	--	--
	2-Butanone	µg/kg	28,400,000	BCL	--	--	--	--	1	1	0	0	<0.90	<0.90	--	--	--	--	--	--	--	--	--
	n-Butylbenzene	µg/kg	108,000	BCL	--	--	--	--	1	1	0	0	<0.69	<0.69	--	--	--	--	--	--	--	--	--
	sec-Butylbenzene	µg/kg	145,000	BCL	--	--	--	--	1	1	0	0	<0.53	<0.53	--	--	--	--	--	--	--	--	--
	tert-Butylbenzene	µg/kg	183,000	BCL	--	--	--	--	1	1	0	0	<0.38	<0.38	--	--	--	--	--	--	--	--	--
	Carbon tetrachloride	µg/kg	2,960	BCL	--	--	--	--	1	1	0	0	<0.53	<0.53	--	--	--	--	--	--	--	--	--
	Chlorobenzene	µg/kg	1,370,000	BCL	--	--	--	--	1	1	0	0	<0.26	<0.26	--	--	--	--	--	--	--	--	--
	Chloroethane	µg/kg	2,120,000	BCL	--	--	--	--	1	1	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	Chloroform	µg/kg	1,390	BCL	--	--	--	--	1	1	0	0	<0.38	<0.38	--	--	--	--	--	--	--	--	--
	Chloromethane	µg/kg	464,000	BCL	--	--	--	--	1	1	0	0	<0.36	<0.36	--	--	--	--	--	--	--	--	--
	2-Chlorotoluene	µg/kg	907,000	BCL	--	--	--	--	1	1	0	0	<0.52	<0.52	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	µg/kg	26,000,000	BCL	--	--	--	--	1	1	0	0	<0.64	<0.64	--	--	--	--	--	--	--	--	--
	Cumene	µg/kg	10,400,000	BCL	--	--	--	--	1	1	0	0	<0.33	<0.33	--	--	--	--	--	--	--	--	--
	p-Cymene	µg/kg	147,000	BCL	--	--	--	--	1	1	0	0	<0.52	<0.52	--	--	--	--	--	--	--	--	--
	1,2-Dibromo-3-chloropropane	µg/kg	64.9	BCL	--	--	--	--	1	1	0	0	<0.82	<0.82	--	--	--	--	--	--	--	--	--
	Dibromochloromethane	µg/kg	43,300	BCL	--	--	--	--	1	1	0	0	<0.39	<0.39	--	--	--	--	--	--	--	--	--
	1,2-Dibromoethane	µg/kg	168	BCL	--	--	--	--	1	1	0	0	<0.36	<0.36	--	--	--	--	--	--	--	--	--
	Dibromomethane	µg/kg	98,900	BCL	--	--	--	--	1	1	0	0	<0.39	<0.39	--	--	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	µg/kg	376,000	BCL	--	--	--	--	1	1	0	0	<0.41	<0.41	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	µg/kg	373,000	BCL	--	--	--	--	1	1	0	0	<0.58	<0.58	--	--	--	--	--	--	--	--	--
	1,4-Dichlorobenzene	µg/kg	11,500	BCL	--	--	--	--	1	1	0	0	<0.70	<0.70	--	--	--	--	--	--	--	--	--
	Dichlorodifluoromethane	µg/kg	368,000	BCL	--	--	--	--	1	1	0	0	<0.62	<0.62	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethane	µg/kg	15,800	BCL	--	--	--	--	1	1	0	0	<0.19	<0.19	--	--	--	--	--	--	--	--	--
	1,2-Dichloroethane	µg/kg	2,100	BCL	--	--	--	--	1	1	0	0	<0.31	<0.31	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethene	µg/kg	20,000	BCL	--	--	--	--	1	1	0	0	<0.38	<0.38	--	--	--	--	--	--	--	--	--
	cis-1,2-Dichloroethene	µg/kg	400,000	BCL	--	--	--	--	1	1	0	0	<0.26	<0.26	--	--	--	--	--	--	--	--	--
	trans-1,2-Dichloroethene	µg/kg	304,000	BCL	--	--	--	--	1	1	0	0	<0.37	<0.37	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	µg/kg	11,700	BCL	--	--	--	--	1	1	0	0	<0.31	<0.31	--	--	--	--	--	--	--	--	--
	1,3-Dichloropropane	µg/kg	26,000,000	BCL	--	--	--	--	1	1	0	0	<0.36	<0.36	--	--	--	--	--	--	--	--	--
	2,2-Dichloropropane	µg/kg	--	--	--	--	--	--	1	1	0	0	<0.33	<0.33	--	--	--	--	--	--	--	--	--
	1,1-Dichloropropene	µg/kg	--	--	--	--	--	--	1	1	0	0	<0.48	<0.48	--	--	--	--	--	--	--	--	--
	cis-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	1	1	0	0	<0.36	<0.36	--	--	--	--	--	--	--	--	--
	trans-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	1	1	0	0	<0.43	<0.43	--	--	--	--	--	--	--	--	--
	Diisopropyl ether	µg/kg	2,260,000	BCL	--	--	--	--	1	1	0	0	<0.29	<0.29	--	--	--	--	--	--	--	--	--
	Ethyl benzene	µg/kg	26,600	BCL	--	--	--	--	1	1	0	0	<1.1	<1.1	--	--	--	--	--	--	--	--	--
	Ethyl tert-butyl ether	µg/kg	560,000	RSL	--	--	--	--	1	1	0	0	<0.29	<0.29	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	µg/kg	5,610	BCL	--	--	--	--	1	1	0	0	<0.89	<0.89	--	--	--	--	--	--	--	--	--
	2-Hexanone	µg/kg	1,490,000	BCL	--	--	--	--	1	1	0	0	<0.83	<0.83	--	--	--	--	--	--	--	--	--
	Methyl tert-butyl ether	µg/kg	217,000	BCL	--	--	--	--	1	1	0	0	<0.26	<0.26	--	--	--	--	--	--	--	--	--
	Methylene Chloride	µg/kg	1,130,000	BCL	--	--	--	--	1	1	0	0	<0.45	<0.45	--	--	--	--	--	--	--	--	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	1	1	0	0	<1.1	<1.1	--	--	--	--	--	--	--	--	--
	4-Methyl-2-pentanone	µg/kg	3,360,000	BCL	--	--	--	--	1	1	0	0	<0.77	<0.77	--	--	--	--	--	--	--	--	--
	n-Propylbenzene	µg/kg	264,000	BCL	--	--	--	--	1	1	0	0	<0.46	<0.46	--	--	--	--	--	--	--	--	--
	Styrene	µg/kg	867,000	BCL	--	--	--	--	1	1	0	0	<0.33	<0.33	--	--	--	--	--	--	--	--	--
	1,1,1,2-Tetrachloroethane	µg/kg	9,070	BCL	--	--	--	--	1	1	0	0	<0.29	<0.29	--	--	--	--	--	--	--	--	--
	1,1,2,2-Tetrachloroethane	µg/kg	2,910	BCL	--	--	--	--	1	1	0	0	<0.38	<0.38	--	--	--	--	--	--	--	--	--
	Tetrachloroethene	µg/kg	107,000	BCL	--	--	--	--	1	1	0	0	<0.58	<0.58	--	--	--	--	--	--	--	--	--
	Toluene	µg/kg	818,000	BCL	--	--	--	--	1	1	1	100	--	--	0.47 J	0.47 J	0.47	0.47	--	--	SA-53	0	--
	1,2,3-Trichlorobenzene	µg/kg	151,000	BCL	--	--	--	--	1	1	0	0	<0.85	<0.85	--	--	--	--	--	--	--	--	--
	1,2,4-Trichlorobenzene	µg/kg	125,000	BCL	--	--	--	--	1	1	0	0	<0.90	<0.90	--	--	--	--	--	--	--	--	--
	1,1,1-Trichloroethane	µg/kg	640,000	BCL	--	--	--	--	1	1	0	0	<0.25	<0.25	--	--	--	--	--	--	--	--	--
	1,1,2-Trichloroethane	µg/kg	5,280	BCL	--	--	--	--	1	1	0	0	<0.28	<0.28	--	--	--	--	--	--	--	--	--
	Trichloroethene	µg/kg	6,310	BCL	--	--	--	--	1	1	0	0	<0.48	<0.48	--	--	--	--	--	--	--	--	--
	Trichlorofluoromethane	µg/kg	1,230,000	BCL	--	--	--	--	1	1	0	0	<0.39	<0.39	--	--	--	--	--	--	--	--	--

TABLE 4-9a. STATISTICAL SUMMARY OF ECA C9 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	1,2,3-Trichloropropane	µg/kg	121	BCL	--	--	--	--	1	1	0	0	<0.63	<0.63	--	--	--	--	--	--	--	--	--
	1,2,4-Trimethylbenzene	µg/kg	219,000	BCL	--	--	--	--	1	1	0	0	<0.44	<0.44	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	µg/kg	182,000	BCL	--	--	--	--	1	1	0	0	<0.35	<0.35	--	--	--	--	--	--	--	--	--
	Vinyl chloride	µg/kg	1,870	BCL	--	--	--	--	1	1	0	0	<0.28	<0.28	--	--	--	--	--	--	--	--	--
	m,p-Xylene	µg/kg	--	--	--	--	--	--	1	1	0	0	<0.75	<0.75	--	--	--	--	--	--	--	--	--
	o-Xylene	µg/kg	434,000	BCL	--	--	--	--	1	1	0	0	<0.75	<0.75	--	--	--	--	--	--	--	--	--
	tert Butyl alcohol	µg/kg	7,270,000	BCL	--	--	--	--	1	1	0	0	<8.3	<8.3	--	--	--	--	--	--	--	--	--
SVOCs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	1	1	0	0	<1.1	<1.1	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	1	1	0	0	<0.75	<0.75	--	--	--	--	--	--	--	--	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	1	1	0	0	<1.3	<1.3	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	1	1	0	0	<0.59	<0.59	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	1	1	0	0	<0.69	<0.69	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	1	1	0	0	<1.2	<1.2	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	1	1	0	0	<1.3	<1.3	--	--	--	--	--	--	--	--	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	1	1	0	0	<0.84	<0.84	--	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	µg/kg	1,860,000	BCL	--	--	--	--	1	1	0	0	<2.4	<2.4	--	--	--	--	--	--	--	--	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	1	1	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	Di-n-butylphthalate	µg/kg	91,200,000	BCL	--	--	--	--	1	1	1	100	--	--	96 J	96 J	96	96	--	--	SA-53	0	--
	Di-n-octylphthalate	µg/kg	9,120,000	BCL	--	--	--	--	1	1	0	0	<1.1	<1.1	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	1	1	0	0	<0.78	<0.78	--	--	--	--	--	--	--	--	--
	Diethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	1	1	0	0	<120	<120	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	1	1	0	0	<0.91	<0.91	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	µg/kg	27,200	BCL	--	--	--	--	1	1	0	0	<5.0	<5.0	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	1	1	0	0	<1.5	<1.5	--	--	--	--	--	--	--	--	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	1	1	0	0	<0.70	<0.70	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	1	1	0	0	<0.86	<0.86	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	1	1	0	0	<0.90	<0.90	--	--	--	--	--	--	--	--	--
	1-Methylnaphthalene	µg/kg	770	BCL	--	--	--	--	1	0	1	100	--	--	14 J	14 J	14	14	--	--	DS-C23-1	0	--
	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	1	1	0	0	<0.58	<0.58	--	--	--	--	--	--	--	--	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	1	1	0	0	<0.86	<0.86	--	--	--	--	--	--	--	--	--
	Nitrobenzene	µg/kg	22,500	BCL	--	--	--	--	1	1	0	0	<1.8	<1.8	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	µg/kg	--	--	--	--	--	--	1	1	0	0	3.6 UJ	3.6 UJ	--	--	--	--	--	--	--	--	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	1	1	0	0	<1.8	<1.8	--	--	--	--	--	--	--	--	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	1	1	0	0	<0.99	<0.99	--	--	--	--	--	--	--	--	--
	Pyridine	µg/kg	1,300,000	BCL	--	--	--	--	1	1	0	0	<27	<27	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	µg/kg	252,000	BCL	--	--	--	--	1	1	0	0	<140	<140	--	--	--	--	--	--	--	--	--
PAHs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	1	0	0	0	<2.4	<2.4	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	1	0	1	100	--	--	4.6 J	4.6 J	4.6	4.6	--	--	DS-C23-1	0	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	1	0	1	100	--	--	5.7 J	5.7 J	5.7	5.7	--	--	DS-C23-1	0	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	1	0	1	100	--	--	110	110	110	110	--	--	DS-C23-1	0	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	1	0	1	100	--	--	42	42	42	42	--	--	DS-C23-1	0	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	1	0	1	100	--	--	410	410	410	410	--	--	DS-C23-1	0	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	1	0	1	100	--	--	220	220	220	220	--	--	DS-C23-1	0	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	1	0	1	100	--	--	270	270	270	270	--	--	DS-C23-1	0	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	1	0	1	100	--	--	450	450	450	450	--	--	DS-C23-1	0	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	1	0	1	100	--	--	58	58	58	58	--	--	DS-C23-1	0	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	1	0	1	100	--	--	180	180	180	180	--	--	DS-C23-1	0	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	1	0	0	0	<2.5	<2.5	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	1	0	1	100	--	--	250	250	250	250	--	--	DS-C23-1	0	--
	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	1	0	1	100	--	--	40	40	40	40	--	--	DS-C23-1	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	1	0	1	100	--	--	8.4 J	8.4 J	8.4	8.4	--	--	DS-C23-1	0	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	1	0	1	100	--	--	44	44	44	44	--	--	DS-C23-1	0	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	1	0	1	100	--	--	260	260	260	260	--	--	DS-C23-1	0	--
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	26.7	BCL	--	--	--	--	2	1	1	50	<0.0728	<0.0728	1.1	1.1	1.1	1.1	--	--	DS-C23-1	0	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	2	1	1	50	<0.0654	<0.0654	2.6	2.6	2.6	2.6	--	--	DS-C23-1	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	2	1	1	50	<0.0552	<0.0552	2.0 J	2.0 J	2	2	--	--	DS-C23-1	--	--

TABLE 4-9a. STATISTICAL SUMMARY OF ECA C9 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Dioxins/Furans	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	2	1	1	50	<0.0546	<0.0546	3.8	3.8	3.8	3.8	--	--	DS-C23-1	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	581	BCL	--	--	--	--	2	1	2	100	--	--	0.236 J	3.3	1.8	1.8	2.2	1.2	DS-C23-1	0	--
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	2	1	2	100	--	--	0.502 J	31	16	16	22	1.4	DS-C23-1	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	2	1	2	100	--	--	1.70 J	270	140	140	190	1.4	DS-C23-1	--	--
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	1	1	50	<0.497	<0.497	25	25	25	25	--	--	DS-C23-1	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	1	2	100	--	--	0.650 JK	30	15	15	21	1.4	DS-C23-1	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	1	2	100	--	--	0.355 JK	16	8.2	8.2	11	1.4	DS-C23-1	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	1	2	100	--	--	1.24 J	60	31	31	42	1.4	DS-C23-1	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	1	2	100	--	--	0.830 J	35	18	18	24	1.3	DS-C23-1	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	1	2	100	--	--	0.165 J	5.7	2.9	2.9	3.9	1.3	DS-C23-1	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	1	2	100	--	--	0.508 J	11	5.8	5.8	7.4	1.3	DS-C23-1	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	1	2	100	--	--	2.45	160	81	81	110	1.4	DS-C23-1	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	1	2	100	--	--	1.17 J	55	28	28	38	1.4	DS-C23-1	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	1	2	100	--	--	7.28 J+	530	270	270	370	1.4	DS-C23-1	--	--
	Total Dioxin/Furan TEQ (Calculated)	pg/g	2,700	SS	--	--	--	--	1	1	1	100	--	--	0.5	0.5	0.5	0.5	--	--	SA-53	0	--
Petroleum Indicators	Petroleum Hydrocarbons	mg/kg	--	--	--	--	--	--	1	1	0	0	<42	<42	--	--	--	--	--	--	--	--	--
	Gasoline Range Organics	mg/kg	--	--	--	--	--	--	1	1	0	0	<3.8	<3.8	--	--	--	--	--	--	--	--	--
	Diesel Range Organics	mg/kg	--	--	--	--	--	--	1	1	0	0	<42	<42	--	--	--	--	--	--	--	--	--
Asbestos	Long Amphibole Protocol Structures Count	s/samp	0	SS	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	N/A
	Long Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	--
	Long Chrysotile Protocol Structures Count	s/samp	5	SS	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	--
	Short Amphibole Structures Counts	s/samp	--	--	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	--
	Short Asbestos Structures Counts	s/samp	--	--	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	--
	Short Chrysotile Structures Counts	s/samp	--	--	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	--
	Total Amphibole Protocol Structures Count	s/samp	--	--	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	--
	Total Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	--
	Total Chrysotile Protocol Structures Count	s/samp	--	--	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	--

Notes:

1. Health-based soil screening levels (HSSLs).
   SS: Site-specific values for Arsenic and Dioxin/Furan Toxicity Equivalence (TEQ).
   BCL: Lowest level among all available indoor and outdoor industrial worker Basic Comparison Levels (BCLs), NDEP 2025.
   RSL: Regional Screening Levels for industrial soil, USEPA 2024.

	No detections, or maximum detected concentration is below HSSL (if available).
	No HSSL available.
	Radionuclides were determined to be consistent with background or natural concentration of uranium metal across OU-1.
	Essential Nutrient, macronutrient or salt.
	Individual VOCs were used to evaluate the nature and extent of impacts in soil from these compounds.

Sources:

[1] NDEP. 2025. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 17, July.

[2] USEPA. 2024. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund sites. November.

[3] NDEP. 2010. NDEP Response to Background Issues and Determination of Background Dataset for TRX. August 17.

[4] TIMET/BRC. 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity.

TABLE 4-9b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA C9
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
		HSSL:		0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	231
Phase B	SA-53	0.5	7/29/2009	0	0	--	--	--	--	--	--	--	--	--	--	--
		1 - 2.5	6/23/2009	--	--	<0.0728	**0.236 J**	**0.5**	**30.2**	**1.83**	**5.3**	**6.5**	**6,330**	**263**	**0.097**	<0.86
Pre-Excavation	SSAO5-07	1 - 2	9/16/2010	--	--	--	--	--	--	**2.3 J+**	--	--	--	--	--	--
		5 - 6	9/16/2010	--	--	--	--	--	--	**3.3**	--	--	--	--	--	--
2011 Removal Action	DS-C23-1	5	4/20/2011	--	--	**1.1**	**3.3**	--	**11**	**707 J-**	**174**	**5,280**	**3,340 J**	**204,000 J**	--	--
	EE-C23-1	2	6/16/2011	--	--	--	--	--	**878**	**586**	--	**3,620**	--	**77,300 J**	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram
pg/g: picograms per gram
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

TABLE 4-10a. STATISTICAL SUMMARY OF ECA C10 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
General Chemistry	Perchlorate	mg/kg	908	BCL	--	--	--	--	1	0	1	100	--	--	219	219	220	220	--	--	DS-C17-1	0	--
Metals	Arsenic	mg/kg	7.2	SS	1.6	4.25	2.5	7.2 J	2	0	2	100	--	--	2.2	6.4	4.3	4.3	3	0.69	DS-C17-1	0	--
	Magnesium	mg/kg	100,000	BCL	7,700	13,000	4,690 J	17,500 J	2	0	2	100	--	--	21,800	63,400	43,000	43,000	29,000	0.69	DS-C17-1	0	--
	Manganese	mg/kg	100,000	BCL	262	537	151	863 J	1	0	1	100	--	--	915	915	920	920	--	--	EE-C18-1	0	--
SVOCs	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	2	0	1	50	<4,800	<4,800	2,800	2,800	2,800	2,800	--	--	DS-C17-1	1	12
	1-Methylnaphthalene	µg/kg	770	BCL	--	--	--	--	1	0	1	100	--	--	400 J	400 J	400	400	--	--	EE-C18-1	0	--
PAHs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	1	0	0	0	<100	<100	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	1	0	0	0	<70	<70	--	--	--	--	--	--	--	--	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	1	0	1	100	--	--	170 J	170 J	170	170	--	--	EE-C18-1	0	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	1	0	1	100	--	--	730 J	730 J	730	730	--	--	EE-C18-1	0	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	1	0	1	100	--	--	1,300	1,300	1,300	1,300	--	--	EE-C18-1	0	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	1	0	1	100	--	--	1,500	1,500	1,500	1,500	--	--	EE-C18-1	0	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	1	0	1	100	--	--	1,000 J	1,000 J	1,000	1,000	--	--	EE-C18-1	0	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	1	0	1	100	--	--	820 J	820 J	820	820	--	--	EE-C18-1	0	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	1	0	1	100	--	--	2,400	2,400	2,400	2,400	--	--	EE-C18-1	0	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	1	0	1	100	--	--	300 J	300 J	300	300	--	--	EE-C18-1	0	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	1	0	1	100	--	--	520 J	520 J	520	520	--	--	EE-C18-1	0	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	1	0	0	0	<100	<100	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	1	0	1	100	--	--	720 J	720 J	720	720	--	--	EE-C18-1	0	--
	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	1	0	1	100	--	--	580 J	580 J	580	580	--	--	EE-C18-1	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	1	0	1	100	--	--	160 J	160 J	160	160	--	--	EE-C18-1	0	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	1	0	1	100	--	--	640 J	640 J	640	640	--	--	EE-C18-1	0	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	1	0	1	100	--	--	4,200	4,200	4,200	4,200	--	--	EE-C18-1	0	--
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	26.7	BCL	--	--	--	--	2	0	0	0	<79	<1,400	--	--	--	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	340 J	500 JK	420	420	110	0.27	EE-C18-1	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	220 J	290 J	260	260	49	0.19	EE-C18-1	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	380 J	490 J	440	440	78	0.18	DS-C17-1	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	581	BCL	--	--	--	--	2	0	2	100	--	--	440 J	760 J	600	600	230	0.38	DS-C17-1	1	1.3
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	1,200 J	2,000 J	1,600	1,600	570	0.35	DS-C17-1	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	1,900 J	2,000 J	2,000	2,000	71	0.036	DS-C17-1	--	--
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	4,400	5,600	5,000	5,000	850	0.17	EE-C18-1	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	2,800 J	3,500	3,200	3,200	490	0.16	DS-C17-1	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	1,800 J	2,800 J	2,300	2,300	710	0.31	EE-C18-1	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	5,600 J	8,200	6,900	6,900	1,800	0.27	DS-C17-1	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	4,500 J	6,200	5,400	5,400	1,200	0.22	DS-C17-1	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	1,400 J	4,700 JK	3,000	3,000	2,300	0.77	EE-C18-1	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	1,300 J	1,500 J	1,400	1,400	140	0.1	EE-C18-1	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	16,000	23,000	20,000	20,000	4,900	0.25	DS-C17-1	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	6,700 J	11,000	8,800	8,800	3,000	0.34	DS-C17-1	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	35,000	72,000	54,000	54,000	26,000	0.49	DS-C17-1	--	--

Notes:

1. Health-based soil screening levels (HSSLs).
   SS: Site-specific values for Arsenic and Dioxin/Furan Toxicity Equivalence (TEQ).
   BCL: Lowest level among all available indoor and outdoor industrial worker Basic Comparison Levels (BCLs), NDEP 2025.
   RSL: Regional Screening Levels for industrial soil, USEPA 2024.

No detections, or maximum detected concentration is below HSSL (if available).
No HSSL available.
Radionuclides were determined to be consistent with background or natural concentration of uranium metal across OU-1.
Essential Nutrient, macronutrient or salt.
Individual VOCs were used to evaluate the nature and extent of impacts in soil from these compounds.

Sources:

[1] NDEP. 2025. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 17, July.
[2] USEPA. 2024. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund sites. November.
[3] NDEP. 2010. NDEP Response to Background Issues and Determination of Background Dataset for TRX. August 17.
[4] TIMET/BRC. 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity.

TABLE 4-10b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA C10
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	TCDD (pg/g)	1,9-HxCDD (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	26.7	581	908	7.2	100,000	100,000	231
2011 Removal Action	DS-C17-1	4.5	5/04/2011	<79	**760 J**	**219**	**6.4**	**63,400**	--	**2,800**
	EE-C18-1	8.5	5/17/2011	<1,400	**440 J**	--	**2.2**	**21,800**	**915**	<4,800

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram
pg/g: picograms per gram
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

TABLE 4-11a. STATISTICAL SUMMARY OF ECA C11 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
General Chemistry	Chlorate	mg/kg	38,900	BCL	--	--	--	--	2	0	2	100	--	--	110	110	110	110	0	0	RI-15	0	--
	Nitrate (as NO_3)	mg/kg	100,000	BCL	--	--	--	--	2	0	2	100	--	--	22	26	24	24	2.8	0.12	RI-15	0	--
	Nitrate Nitrite as N	mg/kg	--	--	--	--	--	--	2	0	2	100	--	--	4.9	5.9	5.4	5.4	0.71	0.13	RI-15	--	--
	Nitrite	mg/kg	120,000	RSL	--	--	--	--	2	0	0	0	<1.1	<1.2	--	--	--	--	--	--	--	--	--
	Perchlorate	mg/kg	908	BCL	--	--	--	--	10	5	10	100	--	--	6.3	7,670	52	970	2,400	2.5	EE-C20-1	1	8.4
Metals	Antimony	mg/kg	3,450	BCL	0.5 UJ	3.4	0.12 J-	0.5 J-	2	0	0	0	0.45 UJ	0.47 UJ	--	--	--	--	--	--	--	--	--
	Arsenic	mg/kg	7.2	SS	1.6	4.25	2.5	7.2 J	10	5	10	100	--	--	3.7	1,000	6	170	330	1.9	EE-C20-1	3	140
	Barium	mg/kg	100,000	BCL	111	213	73	445 J	2	0	2	100	--	--	170 J-	170 J-	170	170	0	0	RI-15	0	--
	Boron	mg/kg	100,000	BCL	3.6 J	11.7	<3.2	11.6 J+	2	0	2	100	--	--	7.7	8.4	8.1	8.1	0.49	0.061	RI-15	0	--
	Cadmium	mg/kg	8,180	BCL	<0.04	0.48	<0.129	<0.129	2	0	0	0	<0.26	<0.26	--	--	--	--	--	--	--	--	--
	Chromium (total)	mg/kg	--	--	5.57	10.7 J	2.6	16.7	2	0	2	100	--	--	19	23	21	21	2.8	0.13	RI-15	--	--
	Chromium VI	mg/kg	564	BCL	<0.18	0.29 J	<0.25	<0.32	2	0	1	50	0.16 UJ	0.16 UJ	0.36 J-	0.36 J-	0.36	0.36	--	--	RI-15	0	--
	Cobalt	mg/kg	385	BCL	5.4	9.1	3.7 J	16.3 J	2	0	2	100	--	--	8.2	8.3	8.2	8.2	0.071	0.0086	RI-15	0	--
	Copper	mg/kg	51,900	BCL	15.8	140	10.2	25.9 J	2	0	2	100	--	--	20	26	23	23	4.2	0.18	RI-15	0	--
	Iron	mg/kg	100,000	BCL	11,300	20,600	5,410	19,700	2	0	2	100	--	--	21,000	21,000	21,000	21,000	0	0	RI-15	0	--
	Lead	mg/kg	800	BCL	7.1	72.8	3 J	35.1	3	0	3	100	--	--	17	2,420	32	820	1,400	1.7	EE-C20-1	1	3
	Magnesium	mg/kg	100,000	BCL	7,700	13,000	4,690 J	17,500 J	5	2	5	100	--	--	8,600	13,000	10,000	10,000	1,700	0.16	SSAO6-01	0	--
	Manganese	mg/kg	100,000	BCL	262	537	151	863 J	5	2	5	100	--	--	580	85,700 J	46,000	39,000	38,000	0.97	EE-C20-1	0	--
	Mercury	mg/kg	3.13	BCL	0.006 J	0.362	<0.0072	0.11	2	0	0	0	<0.012	<0.013	--	--	--	--	--	--	--	--	--
	Molybdenum	mg/kg	6,490	BCL	<0.31	32.7	0.3 J	2	2	0	2	100	--	--	1.4 J	1.7 J	1.5	1.5	0.21	0.14	RI-15	0	--
	Nickel	mg/kg	50,300	BCL	12.7	21.4	7.9 J	30 J	2	0	2	100	--	--	14	14	14	14	0	0	RI-15	0	--
	Niobium	mg/kg	130	BCL	--	--	1.01 UJ-	1.01 UJ-	2	0	0	0	<2.7	<2.8	--	--	--	--	--	--	--	--	--
	Phosphorus (total)	mg/kg	100,000	BCL	--	--	862	2,010	2	0	2	100	--	--	1,300 J	1,300 J	1,300	1,300	0	0	RI-15	0	--
	Silver	mg/kg	100,000	BCL	<0.2	<0.2	<0.261	<0.261	2	0	0	0	<0.77	<0.79	--	--	--	--	--	--	--	--	--
	Strontium	mg/kg	100,000	BCL	129	339	75.5	808 J	2	0	2	100	--	--	150 J	160 J	160	160	7.1	0.046	RI-15	0	--
	Thallium	mg/kg	13	BCL	0.071	0.193 J	<0.543	1.8	2	0	0	0	<0.45	<0.47	--	--	--	--	--	--	--	--	--
	Tungsten	mg/kg	1,040	BCL	<0.11	0.62	0.0175 UJ	0.0175 UJ	2	0	0	0	2.6 UJ	2.6 UJ	--	--	--	--	--	--	--	--	--
	Vanadium	mg/kg	100,000	BCL	28	54.9	20.2	59.1 J	2	0	2	100	--	--	54	55	54	54	0.71	0.013	RI-15	0	--
	Zirconium	mg/kg	104	BCL	--	--	86.1 J	179 J	2	0	2	100	--	--	12	14	13	13	1.4	0.11	RI-15	0	--
Radionuclides	Radium-226	pCi/g	0.023	BCL	--	--	0.494 J	2.36	2	0	2	100	--	--	0.790	0.927	0.86	0.86	0.097	0.11	RI-15	2	40
	Radium-228	pCi/g	0.046	BCL	--	--	0.946 U	2.92	2	0	2	100	--	--	1.42	1.95	1.7	1.7	0.37	0.22	RI-15	2	42
	Thorium-228	pCi/g	0.026	BCL	--	--	1.15	2.28	2	0	2	100	--	--	2.00	2.07	2	2	0.049	0.024	RI-15	2	80
	Thorium-230	pCi/g	14	BCL	--	--	0.73 J	3.01	2	0	2	100	--	--	1.19	1.23	1.2	1.2	0.028	0.023	RI-15	0	--
	Thorium-232	pCi/g	13	BCL	--	--	1.22	2.23	2	0	2	100	--	--	1.78	1.99	1.9	1.9	0.15	0.079	RI-15	0	--
SVOCs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	4	2	0	0	<10	70 UJ	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	4	2	0	0	<17	73 UJ	--	--	--	--	--	--	--	--	--
	Aniline	µg/kg	619,000	BCL	--	--	--	--	2	0	0	0	86 UJ	89 UJ	--	--	--	--	--	--	--	--	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	4	2	0	0	<17	84 UJ	--	--	--	--	--	--	--	--	--
	Benzidine	µg/kg	15.3	BCL	--	--	--	--	2	0	0	0	670 UJ	690 UJ	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	4	2	0	0	<20	73 UJ	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	4	2	0	0	<20	70 UJ	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	4	2	0	0	<26	73 UJ	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	4	2	0	0	<16	120 UJ	--	--	--	--	--	--	--	--	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	4	2	0	0	<39	73 UJ	--	--	--	--	--	--	--	--	--
	Benzoic acid	µg/kg	100,000,000	BCL	--	--	--	--	2	0	0	0	350 UJ	360 UJ	--	--	--	--	--	--	--	--	--
	Benzyl alcohol	µg/kg	91,200,000	BCL	--	--	--	--	2	0	0	0	150 UJ	160 UJ	--	--	--	--	--	--	--	--	--
	4-Bromophenyl-phenyl ether	µg/kg	--	--	--	--	--	--	2	0	0	0	76 UJ	79 UJ	--	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	µg/kg	1,860,000	BCL	--	--	--	--	4	2	0	0	<42	84 UJ	--	--	--	--	--	--	--	--	--
	4-Chloroaniline	µg/kg	17,600	BCL	--	--	--	--	2	0	0	0	140 UJ	140 UJ	--	--	--	--	--	--	--	--	--
	2-Chloronaphthalene	µg/kg	175,000	BCL	--	--	--	--	2	0	0	0	68 UJ	70 UJ	--	--	--	--	--	--	--	--	--
	2-Chlorophenol	µg/kg	6,490,000	BCL	--	--	--	--	2	0	0	0	71 UJ	73 UJ	--	--	--	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	µg/kg	--	--	--	--	--	--	2	0	0	0	86 UJ	89 UJ	--	--	--	--	--	--	--	--	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	4	2	0	0	<27	79 UJ	--	--	--	--	--	--	--	--	--
	Di-n-butylphthalate	µg/kg	91,200,000	BCL	--	--	--	--	4	2	0	0	<28	94 UJ	--	--	--	--	--	--	--	--	--
	Di-n-octylphthalate	µg/kg	9,120,000	BCL	--	--	--	--	4	2	0	0	<14	94 UJ	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	4	2	0	0	<19	100 UJ	--	--	--	--	--	--	--	--	--

TABLE 4-11a. STATISTICAL SUMMARY OF ECA C11 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
SVOCs	Dibenzofuran	µg/kg	171,000	BCL	--	--	--	--	2	0	0	0	68 UJ	70 UJ	--	--	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	µg/kg	7,840	BCL	--	--	--	--	2	0	0	0	150 UJ	160 UJ	--	--	--	--	--	--	--	--	--
	2,4-Dichlorophenol	µg/kg	2,740,000	BCL	--	--	--	--	2	0	0	0	68 UJ	70 UJ	--	--	--	--	--	--	--	--	--
	Diethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	4	2	0	0	<26	100 UJ	--	--	--	--	--	--	--	--	--
	2,4-Dimethylphenol	µg/kg	18,200,000	BCL	--	--	--	--	2	0	0	0	130 UJ	140 UJ	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	4	2	0	0	<23	70 UJ	--	--	--	--	--	--	--	--	--
	2,4-Dinitrophenol	µg/kg	1,820,000	BCL	--	--	--	--	2	0	0	0	340 UJ	350 UJ	--	--	--	--	--	--	--	--	--
	2,4-Dinitrotoluene	µg/kg	11,400	BCL	--	--	--	--	2	0	0	0	81 UJ	84 UJ	--	--	--	--	--	--	--	--	--
	2,6-Dinitrotoluene	µg/kg	2,350	BCL	--	--	--	--	2	0	0	0	97 UJ	100 UJ	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	µg/kg	27,200	BCL	--	--	--	--	2	2	0	0	<65	<70	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	4	2	0	0	<35	73 UJ	--	--	--	--	--	--	--	--	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	4	2	0	0	<18	73 UJ	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	4	2	1	25	<31	73 UJ	930	930	930	930	--	--	SSAN6-06	1	4
	Hexachlorocyclopentadiene	µg/kg	7,460	BCL	--	--	--	--	2	0	0	0	140 UJ	140 UJ	--	--	--	--	--	--	--	--	--
	Hexachloroethane	µg/kg	8,470	BCL	--	--	--	--	2	0	0	0	140 UJ	140 UJ	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	4	2	0	0	<22	140 UJ	--	--	--	--	--	--	--	--	--
	Isophorone	µg/kg	3,710,000	BCL	--	--	--	--	2	0	0	0	68 UJ	70 UJ	--	--	--	--	--	--	--	--	--
	1-Methylnaphthalene	µg/kg	770	BCL	--	--	--	--	4	2	2	50	150 UJ	160 UJ	11 J	27 J	19	19	11	0.6	EE-C21-1	0	--
	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	4	2	0	0	<19	73 UJ	--	--	--	--	--	--	--	--	--
	2-Methylphenol	µg/kg	45,600,000	BCL	--	--	--	--	2	0	0	0	81 UJ	84 UJ	--	--	--	--	--	--	--	--	--
	3&4-Methylphenol	µg/kg	16,000,000	RSL	--	--	--	--	2	0	0	0	140 UJ	140 UJ	--	--	--	--	--	--	--	--	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	4	2	0	0	<30	70 UJ	--	--	--	--	--	--	--	--	--
	2-Nitroaniline	µg/kg	8,840,000	BCL	--	--	--	--	2	0	0	0	68 UJ	70 UJ	--	--	--	--	--	--	--	--	--
	3-Nitroaniline	µg/kg	--	--	--	--	--	--	2	0	0	0	140 UJ	140 UJ	--	--	--	--	--	--	--	--	--
	4-Nitroaniline	µg/kg	176,000	BCL	--	--	--	--	2	0	0	0	140 UJ	140 UJ	--	--	--	--	--	--	--	--	--
	Nitrobenzene	µg/kg	22,500	BCL	--	--	--	--	4	2	0	0	<22	73 UJ	--	--	--	--	--	--	--	--	--
	2-Nitrophenol	µg/kg	--	--	--	--	--	--	2	0	0	0	140 UJ	140 UJ	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	µg/kg	7,290,000	BCL	--	--	--	--	2	0	0	0	140 UJ	150 UJ	--	--	--	--	--	--	--	--	--
	n-Nitrosodiphenylamine	µg/kg	720,000	BCL	--	--	--	--	2	0	0	0	81 UJ	84 UJ	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	µg/kg	--	--	--	--	--	--	4	2	1	25	<61	2,400 UJ	360	360	360	360	--	--	SSAN6-06	--	--
	Pentachlorophenol	µg/kg	8,450	BCL	--	--	--	--	2	0	0	0	350 UJ	360 UJ	--	--	--	--	--	--	--	--	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	4	2	0	0	<17	70 UJ	--	--	--	--	--	--	--	--	--
	Phenol	µg/kg	100,000,000	BCL	--	--	--	--	2	0	0	0	91 UJ	94 UJ	--	--	--	--	--	--	--	--	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	4	2	1	25	<12	140 UJ	14 J	14 J	14	14	--	--	SSAO6-01	0	--
	Pyridine	µg/kg	1,300,000	BCL	--	--	--	--	4	2	0	0	<130	160 UJ	--	--	--	--	--	--	--	--	--
	2,4,5-Trichlorophenol	µg/kg	91,200,000	BCL	--	--	--	--	2	0	0	0	130 UJ	140 UJ	--	--	--	--	--	--	--	--	--
	2,4,6-Trichlorophenol	µg/kg	321,000	BCL	--	--	--	--	2	0	0	0	76 UJ	79 UJ	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	µg/kg	2,740,000	BCL	--	--	--	--	2	0	0	0	140 UJ	140 UJ	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	µg/kg	1,150	BCL	--	--	--	--	2	0	0	0	71 UJ	73 UJ	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	µg/kg	252,000	BCL	--	--	--	--	4	2	0	0	<45	94 UJ	--	--	--	--	--	--	--	--	--
	4-Chloro-3-methylphenol	µg/kg	91,200,000	BCL	--	--	--	--	2	0	0	0	71 UJ	73 UJ	--	--	--	--	--	--	--	--	--
	n-Nitroso-di-n-propylamine	µg/kg	504	BCL	--	--	--	--	2	0	0	0	71 UJ	73 UJ	--	--	--	--	--	--	--	--	--
PAHs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	4	2	1	25	4.1 UJ	<5.0	5.4 J	5.4 J	5.4	5.4	--	--	EE-C21-1	0	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	4	2	2	50	4.1 UJ	4.3 UJ	12 J	29 J	20	20	12	0.59	EE-C21-1	0	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	4	2	2	50	4.1 UJ	4.3 UJ	13 J	34 J	24	24	15	0.63	EE-C21-1	0	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	4	2	2	50	4.1 UJ	4.3 UJ	4.2 J	5.2 J	4.7	4.7	0.71	0.15	EE-C21-2	0	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	4	2	0	0	4.1 UJ	<4.5	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	4	2	2	50	4.1 UJ	4.3 UJ	22 J	23 J	22	22	0.71	0.031	EE-C21-2	0	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	4	2	0	0	4.1 UJ	<11	--	--	--	--	--	--	--	--	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	4	2	2	50	4.1 UJ	4.3 UJ	18 J	19 J	18	18	0.71	0.038	EE-C21-2	0	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	4	2	2	50	4.1 UJ	4.3 UJ	18 J	27 J	22	22	6.4	0.28	EE-C21-1	0	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	4	2	0	0	4.1 UJ	<13	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	4	2	2	50	4.1 UJ	4.3 UJ	23 J	27 J	25	25	2.8	0.11	EE-C21-1	0	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	4	2	0	0	4.1 UJ	<5.5	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	4	2	2	50	4.1 UJ	4.3 UJ	6.1 J	7.0 J	6.5	6.5	0.64	0.097	EE-C21-1	0	--
	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	2	2	2	100	--	--	14 J	36 J	25	25	16	0.62	EE-C21-1	0	--

TABLE 4-11a. STATISTICAL SUMMARY OF ECA C11 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
PAHs	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	4	2	2	50	4.1 UJ	4.3 UJ	8.3 J	17 J	13	13	6.2	0.49	EE-C21-1	0	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	4	2	2	50	4.1 UJ	4.3 UJ	28 J	51 J	40	40	16	0.41	EE-C21-1	0	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	4	2	2	50	4.1 UJ	4.3 UJ	15 J	24 J	20	20	6.4	0.33	EE-C21-1	0	--
PCBs	Aroclor-1260	µg/kg	1,650	BCL	--	--	--	--	2	0	0	0	<18	<18	--	--	--	--	--	--	--	--	--
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	26.7	BCL	--	--	--	--	6	4	6	100	--	--	0.16 J	150	1.5	33	60	1.8	SSAN6-06	2	5.6
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	6	4	6	100	--	--	0.70 J	610	4.7	130	240	1.9	SSAN6-06	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	6	4	6	100	--	--	0.60 J	460	2.9	96	180	1.9	SSAN6-06	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	6	4	6	100	--	--	1.2 J	760	6.3	160	300	1.9	SSAN6-06	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	581	BCL	--	--	--	--	6	4	6	100	--	--	1.2 J	490	5	110	200	1.8	SSAN6-06	0	--
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	6	4	6	100	--	--	4.2 J	2,800	22	580	1,100	1.9	SSAN6-06	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	6	4	6	100	--	--	6.0 J	2,700	30	560	1,100	1.9	SSAN6-06	--	--
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	--	--	--	--	--	--	6	4	6	100	--	--	3.9	3,700	35	790	1,500	1.9	SSAN6-06	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	6	4	6	100	--	--	7.1	7,500	66	1,600	3,000	1.9	SSAN6-06	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	6	4	6	100	--	--	4.0 J	4,000	36	850	1,600	1.9	SSAN6-06	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	6	4	6	100	--	--	14	8,100	130	1,600	3,200	2	SSAN6-06	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	6	4	6	100	--	--	10	10,000	91	2,100	4,000	1.9	SSAN6-06	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	6	4	6	100	--	--	1.6 J	2,000	13	420	800	1.9	SSAN6-06	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	6	4	6	100	--	--	2.7 J	2,200	24	460	880	1.9	SSAN6-06	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	6	4	6	100	--	--	39	41,000 J	300	8,200	16,000	2	SSAN6-06	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	6	4	6	100	--	--	16	18,000	150	3,800	7,200	1.9	SSAN6-06	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	pg/g	--	--	--	--	--	--	6	4	6	100	--	--	92	95,000 J	820	19,000	38,000	2	SSAN6-06	--	--
	Total Dioxin/Furan TEQ (Calculated)	pg/g	2,700	SS	--	--	--	--	6	4	6	100	--	--	6.5	5,600	54	1,200	2,200	1.9	SSAN6-06	1	2.1
Pesticides - OCPs	Aldrin	µg/kg	205	BCL	--	--	--	--	2	0	0	0	1.5 UJ	1.6 UJ	--	--	--	--	--	--	--	--	--
	alpha-BHC	µg/kg	274,000	BCL	--	--	--	--	2	0	0	0	1.5 UJ	1.6 UJ	--	--	--	--	--	--	--	--	--
	beta-BHC	µg/kg	54,700	BCL	--	--	--	--	2	0	0	0	1.5 UJ	1.6 UJ	--	--	--	--	--	--	--	--	--
	delta-BHC	µg/kg	333,000	BCL	--	--	--	--	2	0	0	0	1.5 UJ	1.6 UJ	--	--	--	--	--	--	--	--	--
	gamma-BHC	µg/kg	11,100	BCL	--	--	--	--	2	0	0	0	1.5 UJ	1.6 UJ	--	--	--	--	--	--	--	--	--
	alpha-Chlordane	µg/kg	500,000	RSL	--	--	--	--	2	0	0	0	2.1 UJ	2.1 UJ	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	µg/kg	500,000	RSL	--	--	--	--	2	0	0	0	1.5 UJ	1.6 UJ	--	--	--	--	--	--	--	--	--
	4,4'-DDD	µg/kg	14,700	BCL	--	--	--	--	2	0	0	0	1.5 UJ	1.6 UJ	--	--	--	--	--	--	--	--	--
	2,4'-DDE	µg/kg	--	--	--	--	--	--	2	0	0	0	1.5 UJ	1.6 UJ	--	--	--	--	--	--	--	--	--
	4,4'-DDE	µg/kg	10,300	BCL	--	--	--	--	2	0	0	0	1.5 UJ	1.6 UJ	--	--	--	--	--	--	--	--	--
	4,4'-DDT	µg/kg	10,600	BCL	--	--	--	--	2	0	0	0	1.5 UJ	1.6 UJ	--	--	--	--	--	--	--	--	--
	Dieldrin	µg/kg	220	BCL	--	--	--	--	2	0	0	0	1.5 UJ	1.6 UJ	--	--	--	--	--	--	--	--	--
	Endosulfan I	µg/kg	--	--	--	--	--	--	2	0	0	0	1.5 UJ	1.6 UJ	--	--	--	--	--	--	--	--	--
	Endosulfan II	µg/kg	--	--	--	--	--	--	2	0	0	0	1.5 UJ	1.6 UJ	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	µg/kg	4,900,000	RSL	--	--	--	--	2	0	0	0	2.1 UJ	2.1 UJ	--	--	--	--	--	--	--	--	--
	Endrin	µg/kg	274,000	BCL	--	--	--	--	2	0	0	0	1.5 UJ	1.6 UJ	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	µg/kg	--	--	--	--	--	--	2	0	0	0	1.5 UJ	1.6 UJ	--	--	--	--	--	--	--	--	--
	Endrin ketone	µg/kg	--	--	--	--	--	--	2	0	0	0	2.1 UJ	2.1 UJ	--	--	--	--	--	--	--	--	--
	Heptachlor	µg/kg	696	BCL	--	--	--	--	2	0	0	0	2.1 UJ	2.1 UJ	--	--	--	--	--	--	--	--	--
	Heptachlor epoxide	µg/kg	366	BCL	--	--	--	--	2	0	0	0	2.1 UJ	2.1 UJ	--	--	--	--	--	--	--	--	--
	Methoxychlor	µg/kg	4,560,000	BCL	--	--	--	--	2	0	0	0	1.5 UJ	1.6 UJ	--	--	--	--	--	--	--	--	--
	Toxaphene	µg/kg	3,210	BCL	--	--	--	--	2	0	0	0	51 UJ	53 UJ	--	--	--	--	--	--	--	--	--
Asbestos	Long Amphibole Protocol Structures Count	s/samp	0	SS	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	N/A
	Long Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	--
	Long Chrysotile Protocol Structures Count	s/samp	5	SS	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	--
	Short Amphibole Structures Counts	s/samp	--	--	--	--	--	--	1	1	1	100	--	--	1	1	1	1	--	--	SSAO6-03	--	--
	Short Asbestos Structures Counts	s/samp	--	--	--	--	--	--	1	1	1	100	--	--	1	1	1	1	--	--	SSAO6-03	--	--
	Short Chrysotile Structures Counts	s/samp	--	--	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	--
	Total Amphibole Protocol Structures Count	s/samp	--	--	--	--	--	--	1	1	1	100	--	--	1	1	1	1	--	--	SSAO6-03	--	--
	Total Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	1	1	1	100	--	--	1	1	1	1	--	--	SSAO6-03	--	--
	Total Chrysotile Protocol Structures Count	s/samp	--	--	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	--

Notes:

1. Health-based soil screening levels (HSSLs).

Sources:

[1] NDEP. 2025. User's Guide and Background Technical Document

TABLE 4-11a. STATISTICAL SUMMARY OF ECA C11 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects								
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL

SS: Site-specific values for Arsenic and Dioxin/Furan Toxicity Equivalence (TEQ).

BCL: Lowest level among all available indoor and outdoor industrial worker Basic Comparison Levels (BCLs), NDEP 2025.

RSL: Regional Screening Levels for industrial soil, USEPA 2024.

No detections, or maximum detected concentration is below HSSL (if available).

No HSSL available.

Radionuclides were determined to be consistent with background or natural concentration of uranium metal across OU-1.

Essential Nutrient, macronutrient or salt.

Individual VOCs were used to evaluate the nature and extent of impacts in soil from these compounds.

[2] USEPA. 2024. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund sites. November.

[3] NDEP. 2010. NDEP Response to Background Issues and Determination of Background Dataset for TRX. August 17.

[4] TIMET/BRC. 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity.

[1] NDEP. 2025. Updated Industrial Soil Basic Comparison Levels for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 17, July.

TABLE 4-11b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA C11
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231
Pre-Excavation	SSAN6-06	0 - 0.5	6/17/2010	--	--	**150**	**490**	**5,600**	--	--	--	--	--	--	--	--	**930**
		1 - 2	4/12/2010	--	--	**44**	**150**	**1,300**	--	--	--	--	--	--	--	--	--
	SSAO6-01	1 - 2	4/14/2010	--	--	**1.7**	**4.9**	**53**	**67**	**5.6**	--	--	**13,000**	--	--	--	<31
			4/14/2010 (FD)	--	--	--	--	--	**71**	**5.4**	--	--	**11,000**	--	--	--	--
		5 - 6	4/14/2010	--	--	--	--	--	**36**	**3.7**	--	--	**10,000**	--	--	--	--
	SSAO6-03	1.5	8/04/2010	0	0	--	--	--	--	--	--	--	--	--	--	--	--
		1.5 - 2.5	4/15/2010	--	--	**1.4**	**5.1**	**56**	**6.3**	**6.8**	--	--	--	--	--	--	--
		5.5 - 6.5	4/15/2010	--	--	--	--	--	**15**	**4.0**	--	--	--	--	--	--	--
2011 Removal Action	EE-C20-1	2.5	6/16/2011	--	--	--	--	--	**7,670**	**1,000**	--	**2,420**	--	**85,700 J**	--	--	--
	EE-C21-1	2	6/16/2011	--	--	--	--	--	**840**	**463**	--	--	--	**61,500 J**	--	--	--
	EE-C21-2	2	6/16/2011	--	--	--	--	--	**896**	**190**	--	--	--	**45,900 J**	--	--	--
Phase 2 RI	RI-15	5 - 5.5	7/28/2017	--	--	**0.16 J**	**1.2 J**	**6.5**	**21**	**6.3**	**8.3**	**32**	**9,400**	**740**	<0.45	2.1 UJ	73 UJ
		10 - 10.5	7/28/2017	--	--	**0.23 J**	**1.2 J**	**7.4**	**33**	**5.8**	**8.2**	**17**	**8,600**	**580**	<0.47	2.1 UJ	71 UJ

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram
pg/g: picograms per gram
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

TABLE 4-12a. STATISTICAL SUMMARY OF ECA GROUP C12/C15 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
General Chemistry	Chlorate	mg/kg	38,900	BCL	--	--	--	--	2	0	2	100	--	--	26	29	28	28	2.1	0.077	RI-14	0	--
	Nitrate (as NO_3)	mg/kg	100,000	BCL	--	--	--	--	2	0	2	100	--	--	100	120	110	110	14	0.13	RI-14	0	--
	Nitrate Nitrite as N	mg/kg	--	--	--	--	--	--	2	0	2	100	--	--	23	27	25	25	2.8	0.11	RI-14	--	--
	Nitrite	mg/kg	120,000	RSL	--	--	--	--	2	0	0	0	<1.1	<1.2	--	--	--	--	--	--	--	--	--
	Perchlorate	mg/kg	908	BCL	--	--	--	--	2	0	2	100	--	--	57	59	58	58	1.4	0.024	RI-14	0	--
Metals	Antimony	mg/kg	3,450	BCL	0.5 UJ	3.4	0.12 J-	0.5 J-	2	0	0	0	0.51 UJ	0.52 UJ	--	--	--	--	--	--	--	--	--
	Arsenic	mg/kg	7.2	SS	1.6	4.25	2.5	7.2 J	2	0	2	100	--	--	3.9	4.0	4	4	0.071	0.018	RI-14	0	--
	Barium	mg/kg	100,000	BCL	111	213	73	445 J	2	0	2	100	--	--	180	200	190	190	14	0.074	RI-14	0	--
	Boron	mg/kg	100,000	BCL	3.6 J	11.7	<3.2	11.6 J+	2	0	2	100	--	--	7.4	9.2	8.3	8.3	1.3	0.15	RI-14	0	--
	Cadmium	mg/kg	8,180	BCL	<0.04	0.48	<0.129	<0.129	2	0	0	0	<0.27	<0.27	--	--	--	--	--	--	--	--	--
	Chromium (total)	mg/kg	--	--	5.57	10.7 J	2.6	16.7	2	0	2	100	--	--	18	20	19	19	1.4	0.074	RI-14	--	--
	Chromium VI	mg/kg	564	BCL	<0.18	0.29 J	<0.25	<0.32	2	0	0	0	<0.16	<0.16	--	--	--	--	--	--	--	--	--
	Cobalt	mg/kg	385	BCL	5.4	9.1	3.7 J	16.3 J	2	0	2	100	--	--	8.8	11	9.9	9.9	1.6	0.16	RI-14	0	--
	Copper	mg/kg	51,900	BCL	15.8	140	10.2	25.9 J	2	0	2	100	--	--	20	24	22	22	2.8	0.13	RI-14	0	--
	Iron	mg/kg	100,000	BCL	11,300	20,600	5,410	19,700	2	0	2	100	--	--	20,000 J	24,000 J	22,000	22,000	2,800	0.13	RI-14	0	--
	Lead	mg/kg	800	BCL	7.1	72.8	3 J	35.1	2	0	2	100	--	--	9.8	12	11	11	1.6	0.14	RI-14	0	--
	Magnesium	mg/kg	100,000	BCL	7,700	13,000	4,690 J	17,500 J	2	0	2	100	--	--	9,600	12,000	11,000	11,000	1,700	0.16	RI-14	0	--
	Manganese	mg/kg	100,000	BCL	262	537	151	863 J	2	0	2	100	--	--	490 J	620 J	560	560	92	0.17	RI-14	0	--
	Mercury	mg/kg	3.13	BCL	0.006 J	0.362	<0.0072	0.11	2	0	2	100	--	--	0.014 J	0.019 J	0.017	0.017	0.0035	0.21	RI-14	0	--
	Molybdenum	mg/kg	6,490	BCL	<0.31	32.7	0.3 J	2	2	0	0	0	<1.1	<1.1	--	--	--	--	--	--	--	--	--
	Nickel	mg/kg	50,300	BCL	12.7	21.4	7.9 J	30 J	2	0	2	100	--	--	19	21	20	20	1.4	0.071	RI-14	0	--
	Niobium	mg/kg	130	BCL	--	--	1.01 UJ-	1.01 UJ-	2	0	0	0	<3.0	<3.1	--	--	--	--	--	--	--	--	--
	Phosphorus (total)	mg/kg	100,000	BCL	--	--	862	2,010	2	0	2	100	--	--	1,100	1,600	1,400	1,400	350	0.26	RI-14	0	--
	Silver	mg/kg	100,000	BCL	<0.2	<0.2	<0.261	<0.261	2	0	0	0	<0.80	<0.80	--	--	--	--	--	--	--	--	--
	Strontium	mg/kg	100,000	BCL	129	339	75.5	808 J	2	0	2	100	--	--	210 J+	250 J+	230	230	28	0.12	RI-14	0	--
	Thallium	mg/kg	13	BCL	0.071	0.193 J	<0.543	1.8	2	0	0	0	<0.51	<0.52	--	--	--	--	--	--	--	--	--
	Tungsten	mg/kg	1,040	BCL	<0.11	0.62	0.0175 UJ	0.0175 UJ	2	0	0	0	2.7 UJ	2.7 UJ	--	--	--	--	--	--	--	--	--
	Vanadium	mg/kg	100,000	BCL	28	54.9	20.2	59.1 J	2	0	2	100	--	--	56	66	61	61	7.1	0.12	RI-14	0	--
	Zirconium	mg/kg	104	BCL	--	--	86.1 J	179 J	2	0	2	100	--	--	16	20	18	18	2.8	0.16	RI-14	0	--
Radionuclides	Radium-226	pCi/g	0.023	BCL	--	--	0.494 J	2.36	2	0	2	100	--	--	0.972	1.09 J	1	1	0.083	0.081	RI-14	2	47
	Radium-228	pCi/g	0.046	BCL	--	--	0.946 U	2.92	2	0	2	100	--	--	1.11	1.30 J	1.2	1.2	0.13	0.11	RI-14	2	28
	Thorium-228	pCi/g	0.026	BCL	--	--	1.15	2.28	2	0	2	100	--	--	1.80	1.81	1.8	1.8	0.0071	0.0039	RI-14	2	70
	Thorium-230	pCi/g	14	BCL	--	--	0.73 J	3.01	2	0	2	100	--	--	1.17	1.26	1.2	1.2	0.064	0.052	RI-14	0	--
	Thorium-232	pCi/g	13	BCL	--	--	1.22	2.23	2	0	2	100	--	--	1.93	1.94	1.9	1.9	0.0071	0.0037	RI-14	0	--
VOCs	Acetone	µg/kg	100,000,000	BCL	--	--	--	--	2	0	0	0	<8.1	<8.1	--	--	--	--	--	--	--	--	--
	t-Amyl methyl ether	µg/kg	--	--	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	Benzene	µg/kg	5,310	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	Bromobenzene	µg/kg	679,000	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	Bromochloromethane	µg/kg	628,000	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	Bromodichloromethane	µg/kg	1,300	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	Bromoform	µg/kg	95,300	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	Bromomethane	µg/kg	30,300	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	2-Butanone	µg/kg	28,400,000	BCL	--	--	--	--	2	0	0	0	<5.1	<5.1	--	--	--	--	--	--	--	--	--
	n-Butylbenzene	µg/kg	108,000	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	sec-Butylbenzene	µg/kg	145,000	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	tert-Butylbenzene	µg/kg	183,000	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	Carbon tetrachloride	µg/kg	2,960	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	Chlorobenzene	µg/kg	1,370,000	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	Chloroethane	µg/kg	2,120,000	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	Chloroform	µg/kg	1,390	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	Chloromethane	µg/kg	464,000	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	2-Chlorotoluene	µg/kg	907,000	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	µg/kg	26,000,000	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	Cumene	µg/kg	10,400,000	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	p-Cymene	µg/kg	147,000	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	1,2-Dibromo-3-chloropropane	µg/kg	64.9	BCL	--	--	--	--	2	0	0	0	<2.0	<2.0	--	--	--	--	--	--	--	--	--

TABLE 4-12a. STATISTICAL SUMMARY OF ECA GROUP C12/C15 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects								
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	Dibromochloromethane	µg/kg	43,300	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	1,2-Dibromoethane	µg/kg	168	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	Dibromomethane	µg/kg	98,900	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	µg/kg	376,000	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	µg/kg	373,000	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	1,4-Dichlorobenzene	µg/kg	11,500	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	Dichlorodifluoromethane	µg/kg	368,000	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethane	µg/kg	15,800	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	1,2-Dichloroethane	µg/kg	2,100	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethene	µg/kg	20,000	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	cis-1,2-Dichloroethene	µg/kg	400,000	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	trans-1,2-Dichloroethene	µg/kg	304,000	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	µg/kg	11,700	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	1,3-Dichloropropane	µg/kg	26,000,000	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	2,2-Dichloropropane	µg/kg	--	--	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	1,1-Dichloropropene	µg/kg	--	--	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	cis-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	trans-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	Diisopropyl ether	µg/kg	2,260,000	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	Ethyl benzene	µg/kg	26,600	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	Ethyl tert-butyl ether	µg/kg	560,000	RSL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	µg/kg	5,610	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	2-Hexanone	µg/kg	1,490,000	BCL	--	--	--	--	2	0	0	0	<5.1	<5.1	--	--	--	--	--	--	--	--	--
	Methyl tert-butyl ether	µg/kg	217,000	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	Methylene Chloride	µg/kg	1,130,000	BCL	--	--	--	--	2	0	0	0	<5.1	<5.1	--	--	--	--	--	--	--	--	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	4-Methyl-2-pentanone	µg/kg	3,360,000	BCL	--	--	--	--	2	0	0	0	<2.5	<2.5	--	--	--	--	--	--	--	--	--
	n-Propylbenzene	µg/kg	264,000	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	Styrene	µg/kg	867,000	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	1,1,1,2-Tetrachloroethane	µg/kg	9,070	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	1,1,2,2-Tetrachloroethane	µg/kg	2,910	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	Tetrachloroethene	µg/kg	107,000	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	Toluene	µg/kg	818,000	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	1,2,3-Trichlorobenzene	µg/kg	151,000	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	1,2,4-Trichlorobenzene	µg/kg	125,000	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	1,1,1-Trichloroethane	µg/kg	640,000	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	1,1,2-Trichloroethane	µg/kg	5,280	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	Trichloroethene	µg/kg	6,310	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	Trichlorofluoromethane	µg/kg	1,230,000	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	1,2,3-Trichloropropane	µg/kg	121	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	1,2,4-Trimethylbenzene	µg/kg	219,000	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	µg/kg	182,000	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	Vinyl chloride	µg/kg	1,870	BCL	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	m,p-Xylene	µg/kg	--	--	--	--	--	--	2	0	0	0	<1.0	<1.0	--	--	--	--	--	--	--	--	--
	o-Xylene	µg/kg	434,000	BCL	--	--	--	--	2	0	0	0	<0.51	<0.51	--	--	--	--	--	--	--	--	--
	tert Butyl alcohol	µg/kg	7,270,000	BCL	--	--	--	--	2	0	0	0	<10	<10	--	--	--	--	--	--	--	--	--
SVOCs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	2	0	0	0	<69	<71	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	2	0	0	0	<72	<74	--	--	--	--	--	--	--	--	--
	Aniline	µg/kg	619,000	BCL	--	--	--	--	2	0	0	0	<87	<90	--	--	--	--	--	--	--	--	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	2	0	0	0	<82	<84	--	--	--	--	--	--	--	--	--
	Benzidine	µg/kg	15.3	BCL	--	--	--	--	2	0	0	0	<680	<700	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	2	0	0	0	<72	<74	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	2	0	0	0	<69	<71	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	2	0	0	0	<72	<74	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	2	0	1	50	<110	<110	220 J	220 J	220	220	--	--	RI-14	0	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	2	0	0	0	<72	<74	--	--	--	--	--	--	--	--	--

TABLE 4-12a. STATISTICAL SUMMARY OF ECA GROUP C12/C15 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
SVOCs	Benzoic acid	µg/kg	100,000,000	BCL	--	--	--	--	2	0	0	0	<350	<360	--	--	--	--	--	--	--	--	--
	Benzyl alcohol	µg/kg	91,200,000	BCL	--	--	--	--	2	0	0	0	<150	<160	--	--	--	--	--	--	--	--	--
	4-Bromophenyl-phenyl ether	µg/kg	--	--	--	--	--	--	2	0	0	0	<77	<79	--	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	µg/kg	1,860,000	BCL	--	--	--	--	2	0	0	0	<82	<84	--	--	--	--	--	--	--	--	--
	4-Chloroaniline	µg/kg	17,600	BCL	--	--	--	--	2	0	0	0	<140	<140	--	--	--	--	--	--	--	--	--
	2-Chloronaphthalene	µg/kg	175,000	BCL	--	--	--	--	2	0	0	0	<69	<71	--	--	--	--	--	--	--	--	--
	2-Chlorophenol	µg/kg	6,490,000	BCL	--	--	--	--	2	0	0	0	<72	<74	--	--	--	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	µg/kg	--	--	--	--	--	--	2	0	0	0	<87	<90	--	--	--	--	--	--	--	--	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	2	0	0	0	<77	<79	--	--	--	--	--	--	--	--	--
	Di-n-butylphthalate	µg/kg	91,200,000	BCL	--	--	--	--	2	0	0	0	<93	<95	--	--	--	--	--	--	--	--	--
	Di-n-octylphthalate	µg/kg	9,120,000	BCL	--	--	--	--	2	0	0	0	<93	<95	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	2	0	1	50	<100	<100	150 J	150 J	150	150	--	--	RI-14	0	--
	Dibenzofuran	µg/kg	171,000	BCL	--	--	--	--	2	0	0	0	<69	<71	--	--	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	µg/kg	7,840	BCL	--	--	--	--	2	0	0	0	<150	<160	--	--	--	--	--	--	--	--	--
	2,4-Dichlorophenol	µg/kg	2,740,000	BCL	--	--	--	--	2	0	0	0	<69	<71	--	--	--	--	--	--	--	--	--
	Diethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	2	0	0	0	<98	<100	--	--	--	--	--	--	--	--	--
	2,4-Dimethylphenol	µg/kg	18,200,000	BCL	--	--	--	--	2	0	0	0	<130	<140	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	2	0	0	0	<69	<71	--	--	--	--	--	--	--	--	--
	2,4-Dinitrophenol	µg/kg	1,820,000	BCL	--	--	--	--	2	0	0	0	<340	<350	--	--	--	--	--	--	--	--	--
	2,4-Dinitrotoluene	µg/kg	11,400	BCL	--	--	--	--	2	0	0	0	<82	<84	--	--	--	--	--	--	--	--	--
	2,6-Dinitrotoluene	µg/kg	2,350	BCL	--	--	--	--	2	0	0	0	<98	<100	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	2	0	0	0	<72	<74	--	--	--	--	--	--	--	--	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	2	0	0	0	<72	<74	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	2	0	0	0	<72	<74	--	--	--	--	--	--	--	--	--
	Hexachlorocyclopentadiene	µg/kg	7,460	BCL	--	--	--	--	2	0	0	0	<140	<140	--	--	--	--	--	--	--	--	--
	Hexachloroethane	µg/kg	8,470	BCL	--	--	--	--	2	0	0	0	<140	<140	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	2	0	1	50	<130	<130	140 J	140 J	140	140	--	--	RI-14	0	--
	Isophorone	µg/kg	3,710,000	BCL	--	--	--	--	2	0	0	0	<69	<71	--	--	--	--	--	--	--	--	--
	1-Methylnaphthalene	µg/kg	770	BCL	--	--	--	--	2	0	0	0	<150	<160	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	2	0	0	0	<72	<74	--	--	--	--	--	--	--	--	--
	2-Methylphenol	µg/kg	45,600,000	BCL	--	--	--	--	2	0	0	0	<82	<84	--	--	--	--	--	--	--	--	--
	3&4-Methylphenol	µg/kg	16,000,000	RSL	--	--	--	--	2	0	0	0	<140	<140	--	--	--	--	--	--	--	--	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	2	0	0	0	<69	<71	--	--	--	--	--	--	--	--	--
	2-Nitroaniline	µg/kg	8,840,000	BCL	--	--	--	--	2	0	0	0	<69	<71	--	--	--	--	--	--	--	--	--
	3-Nitroaniline	µg/kg	--	--	--	--	--	--	2	0	0	0	<140	<140	--	--	--	--	--	--	--	--	--
	4-Nitroaniline	µg/kg	176,000	BCL	--	--	--	--	2	0	0	0	<140	<140	--	--	--	--	--	--	--	--	--
	Nitrobenzene	µg/kg	22,500	BCL	--	--	--	--	2	0	0	0	<72	<74	--	--	--	--	--	--	--	--	--
	2-Nitrophenol	µg/kg	--	--	--	--	--	--	2	0	0	0	<140	<140	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	µg/kg	7,290,000	BCL	--	--	--	--	2	0	0	0	<140	<150	--	--	--	--	--	--	--	--	--
	n-Nitrosodiphenylamine	µg/kg	720,000	BCL	--	--	--	--	2	0	0	0	<82	<84	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	µg/kg	--	--	--	--	--	--	2	0	0	0	<2,400	<2,400	--	--	--	--	--	--	--	--	--
	Pentachlorophenol	µg/kg	8,450	BCL	--	--	--	--	2	0	0	0	<350	<360	--	--	--	--	--	--	--	--	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	2	0	0	0	<69	<71	--	--	--	--	--	--	--	--	--
	Phenol	µg/kg	100,000,000	BCL	--	--	--	--	2	0	0	0	<93	<95	--	--	--	--	--	--	--	--	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	2	0	0	0	<140	<140	--	--	--	--	--	--	--	--	--
	Pyridine	µg/kg	1,300,000	BCL	--	--	--	--	2	0	0	0	150 UJ	160 UJ	--	--	--	--	--	--	--	--	--
	2,4,5-Trichlorophenol	µg/kg	91,200,000	BCL	--	--	--	--	2	0	0	0	<130	<140	--	--	--	--	--	--	--	--	--
	2,4,6-Trichlorophenol	µg/kg	321,000	BCL	--	--	--	--	2	0	0	0	<77	<79	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	µg/kg	2,740,000	BCL	--	--	--	--	2	0	0	0	<140	<140	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	µg/kg	1,150	BCL	--	--	--	--	2	0	0	0	<72	<74	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	µg/kg	252,000	BCL	--	--	--	--	2	0	0	0	<93	<95	--	--	--	--	--	--	--	--	--
	4-Chloro-3-methylphenol	µg/kg	91,200,000	BCL	--	--	--	--	2	0	0	0	<72	<74	--	--	--	--	--	--	--	--	--
	n-Nitroso-di-n-propylamine	µg/kg	504	BCL	--	--	--	--	2	0	0	0	<72	<74	--	--	--	--	--	--	--	--	--
PAHs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	2	0	0	0	<4.1	<4.2	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	2	0	0	0	<4.1	<4.2	--	--	--	--	--	--	--	--	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	2	0	0	0	<4.1	<4.2	--	--	--	--	--	--	--	--	--

TABLE 4-12a. STATISTICAL SUMMARY OF ECA GROUP C12/C15 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
PAHs	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	2	0	0	0	<4.1	<4.2	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	2	0	0	0	<4.1	<4.2	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	2	0	0	0	<4.1	<4.2	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	2	0	0	0	<4.1	<4.2	--	--	--	--	--	--	--	--	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	2	0	0	0	<4.1	<4.2	--	--	--	--	--	--	--	--	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	2	0	0	0	<4.1	<4.2	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	2	0	0	0	<4.1	<4.2	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	2	0	0	0	<4.1	<4.2	--	--	--	--	--	--	--	--	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	2	0	0	0	<4.1	<4.2	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	2	0	0	0	<4.1	<4.2	--	--	--	--	--	--	--	--	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	2	0	0	0	<4.1	<4.2	--	--	--	--	--	--	--	--	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	2	0	0	0	<4.1	<4.2	--	--	--	--	--	--	--	--	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	2	0	0	0	<4.1	<4.2	--	--	--	--	--	--	--	--	--
PCBs	Aroclor-1260	µg/kg	1,650	BCL	--	--	--	--	2	0	0	0	<18	<18	--	--	--	--	--	--	--	--	--
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	26.7	BCL	--	--	--	--	2	0	0	0	<0.10	<0.14	--	--	--	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	0.27 J	0.31 J	0.29	0.29	0.028	0.098	RI-14	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	0.19 J	0.27 J	0.23	0.23	0.057	0.25	RI-14	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	0.60 J	0.61 J	0.6	0.6	0.0071	0.012	RI-14	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	581	BCL	--	--	--	--	2	0	2	100	--	--	0.57 J	0.79 J	0.68	0.68	0.16	0.23	RI-14	0	--
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	2.4 J	3.0 J	2.7	2.7	0.42	0.16	RI-14	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	7.3 J	11	9.2	9.2	2.6	0.29	RI-14	--	--
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	2.9	3.3	3.1	3.1	0.28	0.091	RI-14	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	4.0 J	4.9 J	4.5	4.5	0.64	0.14	RI-14	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	2.0 J	2.2 J	2.1	2.1	0.14	0.067	RI-14	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	8.0	8.1	8.1	8.1	0.071	0.0088	RI-14	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	6.4	7.5	7	7	0.78	0.11	RI-14	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	0.80 J	0.89 J	0.84	0.84	0.064	0.075	RI-14	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	1.2 J	1.8 J	1.5	1.5	0.42	0.28	RI-14	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	20	25	22	22	3.5	0.16	RI-14	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	7.0	8.4	7.7	7.7	0.99	0.13	RI-14	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	pg/g	--	--	--	--	--	--	2	0	2	100	--	--	55	66	60	60	7.8	0.13	RI-14	--	--
	Total Dioxin/Furan TEQ (Calculated)	pg/g	2,700	SS	--	--	--	--	2	0	2	100	--	--	3.4	3.9	3.6	3.6	0.35	0.097	RI-14	0	--
Pesticides - OCPs	Aldrin	µg/kg	205	BCL	--	--	--	--	2	0	0	0	<1.6	<1.6	--	--	--	--	--	--	--	--	--
	alpha-BHC	µg/kg	274,000	BCL	--	--	--	--	2	0	0	0	<1.6	<1.6	--	--	--	--	--	--	--	--	--
	beta-BHC	µg/kg	54,700	BCL	--	--	--	--	2	0	2	100	--	--	1.9 J	3.0 J	2.5	2.5	0.78	0.32	RI-14	0	--
	delta-BHC	µg/kg	333,000	BCL	--	--	--	--	2	0	0	0	<1.6	<1.6	--	--	--	--	--	--	--	--	--
	gamma-BHC	µg/kg	11,100	BCL	--	--	--	--	2	0	0	0	<1.6	<1.6	--	--	--	--	--	--	--	--	--
	alpha-Chlordane	µg/kg	500,000	RSL	--	--	--	--	2	0	0	0	<2.1	<2.1	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	µg/kg	500,000	RSL	--	--	--	--	2	0	0	0	<1.6	<1.6	--	--	--	--	--	--	--	--	--
	4,4'-DDD	µg/kg	14,700	BCL	--	--	--	--	2	0	0	0	<1.6	<1.6	--	--	--	--	--	--	--	--	--
	2,4'-DDE	µg/kg	--	--	--	--	--	--	2	0	0	0	<1.6	<1.6	--	--	--	--	--	--	--	--	--
	4,4'-DDE	µg/kg	10,300	BCL	--	--	--	--	2	0	0	0	<1.6	<1.6	--	--	--	--	--	--	--	--	--
	4,4'-DDT	µg/kg	10,600	BCL	--	--	--	--	2	0	0	0	<1.6	<1.6	--	--	--	--	--	--	--	--	--
	Dieldrin	µg/kg	220	BCL	--	--	--	--	2	0	0	0	<1.6	<1.6	--	--	--	--	--	--	--	--	--
	Endosulfan I	µg/kg	--	--	--	--	--	--	2	0	0	0	<1.6	<1.6	--	--	--	--	--	--	--	--	--
	Endosulfan II	µg/kg	--	--	--	--	--	--	2	0	0	0	<1.6	<1.6	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	µg/kg	4,900,000	RSL	--	--	--	--	2	0	0	0	<2.1	<2.1	--	--	--	--	--	--	--	--	--
	Endrin	µg/kg	274,000	BCL	--	--	--	--	2	0	0	0	<1.6	<1.6	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	µg/kg	--	--	--	--	--	--	2	0	0	0	<1.6	<1.6	--	--	--	--	--	--	--	--	--
	Endrin ketone	µg/kg	--	--	--	--	--	--	2	0	0	0	<2.1	<2.1	--	--	--	--	--	--	--	--	--
	Heptachlor	µg/kg	696	BCL	--	--	--	--	2	0	0	0	<2.1	<2.1	--	--	--	--	--	--	--	--	--
	Heptachlor epoxide	µg/kg	366	BCL	--	--	--	--	2	0	0	0	<2.1	<2.1	--	--	--	--	--	--	--	--	--
	Methoxychlor	µg/kg	4,560,000	BCL	--	--	--	--	2	0	0	0	<1.6	<1.6	--	--	--	--	--	--	--	--	--
	Toxaphene	µg/kg	3,210	BCL	--	--	--	--	2	0	0	0	<52	<52	--	--	--	--	--	--	--	--	--

Notes:

Sources:

TABLE 4-12a. STATISTICAL SUMMARY OF ECA GROUP C12/C15 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects								
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL

1. Health-based soil screening levels (HSSLs).
SS: Site-specific values for Arsenic and Dioxin/Furan Toxicity Equivalence (TEQ).
BCL: Lowest level among all available indoor and outdoor industrial worker Basic Comparison Levels (BCLs), NDEP 2025.
RSL: Regional Screening Levels for industrial soil, USEPA 2024.

No detections, or maximum detected concentration is below HSSL (if available).
No HSSL available.
Radionuclides were determined to be consistent with background or natural concentration of uranium metal across OU-1.
Essential Nutrient, macronutrient or salt.
Individual VOCs were used to evaluate the nature and extent of impacts in soil from these compounds.

[1] NDEP. 2025. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 17, July.
[2] USEPA. 2024. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund sites. November.
[3] NDEP. 2010. NDEP Response to Background Issues and Determination of Background Dataset for TRX. August 17.
[4] TIMET/BRC. 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity.

TABLE 4-12b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA GROUP C12/C15
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231
Phase 2 RI	RI-14	5 - 5.5	7/26/2017	<0.14	**0.79 J**	**3.9**	**59**	**4.0**	**8.8**	**9.8**	**9,600**	**490 J**	<0.51	<2.1	<74
		10 - 10.5	7/26/2017	<0.10	**0.57 J**	**3.4**	**57**	**3.9**	**11**	**12**	**12,000**	**620 J**	<0.52	<2.1	<72

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram
pg/g: picograms per gram
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

TABLE 4-13a. STATISTICAL SUMMARY OF ECA C13 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Metals	Arsenic	mg/kg	7.2	SS	1.6	4.25	2.5	7.2 J	1	1	1	100	--	--	2.1 J-	2.1 J-	2.1	2.1	--	--	EE-E14A-1	0	--
	Magnesium	mg/kg	100,000	BCL	7,700	13,000	4,690 J	17,500 J	1	1	1	100	--	--	10,100 J-	10,100 J-	10,000	10,000	--	--	EE-E14A-1	0	--
VOCs	Acetone	µg/kg	100,000,000	BCL	--	--	--	--	1	1	0	0	1.5 UJ	1.5 UJ	--	--	--	--	--	--	--	--	--
	t-Amyl methyl ether	µg/kg	--	--	--	--	--	--	1	1	0	0	5.2 UJ	5.2 UJ	--	--	--	--	--	--	--	--	--
	Benzene	µg/kg	5,310	BCL	--	--	--	--	1	1	0	0	0.27 UJ	0.27 UJ	--	--	--	--	--	--	--	--	--
	Bromobenzene	µg/kg	679,000	BCL	--	--	--	--	1	1	0	0	0.54 UJ	0.54 UJ	--	--	--	--	--	--	--	--	--
	Bromochloromethane	µg/kg	628,000	BCL	--	--	--	--	1	1	0	0	0.98 UJ	0.98 UJ	--	--	--	--	--	--	--	--	--
	Bromodichloromethane	µg/kg	1,300	BCL	--	--	--	--	1	1	0	0	0.55 UJ	0.55 UJ	--	--	--	--	--	--	--	--	--
	Bromoform	µg/kg	95,300	BCL	--	--	--	--	1	1	0	0	0.42 UJ	0.42 UJ	--	--	--	--	--	--	--	--	--
	Bromomethane	µg/kg	30,300	BCL	--	--	--	--	1	1	0	0	0.90 UJ	0.90 UJ	--	--	--	--	--	--	--	--	--
	2-Butanone	µg/kg	28,400,000	BCL	--	--	--	--	1	1	0	0	1.5 UJ	1.5 UJ	--	--	--	--	--	--	--	--	--
	n-Butylbenzene	µg/kg	108,000	BCL	--	--	--	--	1	1	0	0	0.69 UJ	0.69 UJ	--	--	--	--	--	--	--	--	--
	sec-Butylbenzene	µg/kg	145,000	BCL	--	--	--	--	1	1	0	0	0.78 UJ	0.78 UJ	--	--	--	--	--	--	--	--	--
	tert-Butylbenzene	µg/kg	183,000	BCL	--	--	--	--	1	1	0	0	0.57 UJ	0.57 UJ	--	--	--	--	--	--	--	--	--
	Carbon tetrachloride	µg/kg	2,960	BCL	--	--	--	--	1	1	0	0	0.55 UJ	0.55 UJ	--	--	--	--	--	--	--	--	--
	Chlorobenzene	µg/kg	1,370,000	BCL	--	--	--	--	1	1	0	0	0.30 UJ	0.30 UJ	--	--	--	--	--	--	--	--	--
	Chloroethane	µg/kg	2,120,000	BCL	--	--	--	--	1	1	0	0	0.47 UJ	0.47 UJ	--	--	--	--	--	--	--	--	--
	Chloroform	µg/kg	1,390	BCL	--	--	--	--	1	1	0	0	0.27 UJ	0.27 UJ	--	--	--	--	--	--	--	--	--
	Chloromethane	µg/kg	464,000	BCL	--	--	--	--	1	1	0	0	0.52 UJ	0.52 UJ	--	--	--	--	--	--	--	--	--
	2-Chlorotoluene	µg/kg	907,000	BCL	--	--	--	--	1	1	0	0	0.65 UJ	0.65 UJ	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	µg/kg	26,000,000	BCL	--	--	--	--	1	1	0	0	0.90 UJ	0.90 UJ	--	--	--	--	--	--	--	--	--
	Cumene	µg/kg	10,400,000	BCL	--	--	--	--	1	1	0	0	0.54 UJ	0.54 UJ	--	--	--	--	--	--	--	--	--
	p-Cymene	µg/kg	147,000	BCL	--	--	--	--	1	1	0	0	0.66 UJ	0.66 UJ	--	--	--	--	--	--	--	--	--
	1,2-Dibromo-3-chloropropane	µg/kg	64.9	BCL	--	--	--	--	1	1	0	0	0.92 UJ	0.92 UJ	--	--	--	--	--	--	--	--	--
	Dibromochloromethane	µg/kg	43,300	BCL	--	--	--	--	1	1	0	0	0.22 UJ	0.22 UJ	--	--	--	--	--	--	--	--	--
	1,2-Dibromoethane	µg/kg	168	BCL	--	--	--	--	1	1	0	0	0.28 UJ	0.28 UJ	--	--	--	--	--	--	--	--	--
	Dibromomethane	µg/kg	98,900	BCL	--	--	--	--	1	1	0	0	0.61 UJ	0.61 UJ	--	--	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	µg/kg	376,000	BCL	--	--	--	--	1	1	0	0	0.67 UJ	0.67 UJ	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	µg/kg	373,000	BCL	--	--	--	--	1	1	0	0	0.31 UJ	0.31 UJ	--	--	--	--	--	--	--	--	--
	1,4-Dichlorobenzene	µg/kg	11,500	BCL	--	--	--	--	1	1	0	0	0.82 UJ	0.82 UJ	--	--	--	--	--	--	--	--	--
	Dichlorodifluoromethane	µg/kg	368,000	BCL	--	--	--	--	1	1	0	0	0.93 UJ	0.93 UJ	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethane	µg/kg	15,800	BCL	--	--	--	--	1	1	0	0	0.30 UJ	0.30 UJ	--	--	--	--	--	--	--	--	--
	1,2-Dichloroethane	µg/kg	2,100	BCL	--	--	--	--	1	1	0	0	0.76 UJ	0.76 UJ	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethene	µg/kg	20,000	BCL	--	--	--	--	1	1	0	0	0.27 UJ	0.27 UJ	--	--	--	--	--	--	--	--	--
	cis-1,2-Dichloroethene	µg/kg	400,000	BCL	--	--	--	--	1	1	0	0	0.93 UJ	0.93 UJ	--	--	--	--	--	--	--	--	--
	trans-1,2-Dichloroethene	µg/kg	304,000	BCL	--	--	--	--	1	1	0	0	0.40 UJ	0.40 UJ	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	µg/kg	11,700	BCL	--	--	--	--	1	1	0	0	0.63 UJ	0.63 UJ	--	--	--	--	--	--	--	--	--
	1,3-Dichloropropane	µg/kg	26,000,000	BCL	--	--	--	--	1	1	0	0	0.60 UJ	0.60 UJ	--	--	--	--	--	--	--	--	--
	2,2-Dichloropropane	µg/kg	--	--	--	--	--	--	1	1	0	0	0.40 UJ	0.40 UJ	--	--	--	--	--	--	--	--	--
	1,1-Dichloropropene	µg/kg	--	--	--	--	--	--	1	1	0	0	0.39 UJ	0.39 UJ	--	--	--	--	--	--	--	--	--
	cis-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	1	1	0	0	0.67 UJ	0.67 UJ	--	--	--	--	--	--	--	--	--
	trans-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	1	1	0	0	0.78 UJ	0.78 UJ	--	--	--	--	--	--	--	--	--
	Diisopropyl ether	µg/kg	2,260,000	BCL	--	--	--	--	1	1	0	0	5.2 UJ	5.2 UJ	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	µg/kg	27,200	BCL	--	--	--	--	1	1	0	0	41 UJ	41 UJ	--	--	--	--	--	--	--	--	--
	Ethyl tert-butyl ether	µg/kg	560,000	RSL	--	--	--	--	1	1	0	0	5.2 UJ	5.2 UJ	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	µg/kg	5,610	BCL	--	--	--	--	1	1	1	100	--	--	2.2 J-	2.2 J-	2.2	2.2	--	--	EE-E14A-1	0	--
	2-Hexanone	µg/kg	1,490,000	BCL	--	--	--	--	1	1	0	0	0.77 UJ	0.77 UJ	--	--	--	--	--	--	--	--	--
	Methyl tert-butyl ether	µg/kg	217,000	BCL	--	--	--	--	1	1	0	0	0.63 UJ	0.63 UJ	--	--	--	--	--	--	--	--	--
	Methylene Chloride	µg/kg	1,130,000	BCL	--	--	--	--	1	1	0	0	0.88 UJ	0.88 UJ	--	--	--	--	--	--	--	--	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	1	1	0	0	0.66 UJ	0.66 UJ	--	--	--	--	--	--	--	--	--
	4-Methyl-2-pentanone	µg/kg	3,360,000	BCL	--	--	--	--	1	1	0	0	0.96 UJ	0.96 UJ	--	--	--	--	--	--	--	--	--
	n-Propylbenzene	µg/kg	264,000	BCL	--	--	--	--	1	1	0	0	0.30 UJ	0.30 UJ	--	--	--	--	--	--	--	--	--
	Styrene	µg/kg	867,000	BCL	--	--	--	--	1	1	0	0	0.32 UJ	0.32 UJ	--	--	--	--	--	--	--	--	--
	1,1,1,2-Tetrachloroethane	µg/kg	9,070	BCL	--	--	--	--	1	1	0	0	0.43 UJ	0.43 UJ	--	--	--	--	--	--	--	--	--
	1,1,2,2-Tetrachloroethane	µg/kg	2,910	BCL	--	--	--	--	1	1	0	0	0.71 UJ	0.71 UJ	--	--	--	--	--	--	--	--	--
	Tetrachloroethene	µg/kg	107,000	BCL	--	--	--	--	1	1	0	0	0.64 UJ	0.64 UJ	--	--	--	--	--	--	--	--	--

TABLE 4-13a. STATISTICAL SUMMARY OF ECA C13 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	Toluene	µg/kg	818,000	BCL	--	--	--	--	1	1	0	0	0.64 UJ	0.64 UJ	--	--	--	--	--	--	--	--	--
	1,2,3-Trichlorobenzene	µg/kg	151,000	BCL	--	--	--	--	1	1	0	0	0.78 UJ	0.78 UJ	--	--	--	--	--	--	--	--	--
	1,2,4-Trichlorobenzene	µg/kg	125,000	BCL	--	--	--	--	1	1	1	100	--	--	1.5 J-	1.5 J-	1.5	1.5	--	--	EE-E14A-1	0	--
	1,1,1-Trichloroethane	µg/kg	640,000	BCL	--	--	--	--	1	1	0	0	0.38 UJ	0.38 UJ	--	--	--	--	--	--	--	--	--
	1,1,2-Trichloroethane	µg/kg	5,280	BCL	--	--	--	--	1	1	0	0	0.46 UJ	0.46 UJ	--	--	--	--	--	--	--	--	--
	Trichloroethene	µg/kg	6,310	BCL	--	--	--	--	1	1	0	0	0.63 UJ	0.63 UJ	--	--	--	--	--	--	--	--	--
	Trichlorofluoromethane	µg/kg	1,230,000	BCL	--	--	--	--	1	1	0	0	0.36 UJ	0.36 UJ	--	--	--	--	--	--	--	--	--
	1,2,3-Trichloropropane	µg/kg	121	BCL	--	--	--	--	1	1	0	0	0.80 UJ	0.80 UJ	--	--	--	--	--	--	--	--	--
	1,2,4-Trimethylbenzene	µg/kg	219,000	BCL	--	--	--	--	1	1	0	0	0.53 UJ	0.53 UJ	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	µg/kg	182,000	BCL	--	--	--	--	1	1	0	0	0.37 UJ	0.37 UJ	--	--	--	--	--	--	--	--	--
	Vinyl chloride	µg/kg	1,870	BCL	--	--	--	--	1	1	0	0	0.38 UJ	0.38 UJ	--	--	--	--	--	--	--	--	--
	m,p-Xylene	µg/kg	--	--	--	--	--	--	1	1	0	0	0.85 UJ	0.85 UJ	--	--	--	--	--	--	--	--	--
	o-Xylene	µg/kg	434,000	BCL	--	--	--	--	1	1	0	0	0.35 UJ	0.35 UJ	--	--	--	--	--	--	--	--	--
	tert Butyl alcohol	µg/kg	7,270,000	BCL	--	--	--	--	1	1	0	0	31 UJ	31 UJ	--	--	--	--	--	--	--	--	--
SVOCs	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	1	1	1	100	--	--	420	420	420	420	--	--	EE-E14A-1	1	1.8
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	26.7	BCL	--	--	--	--	1	1	1	100	--	--	260	260	260	260	--	--	EE-E14A-1	1	9.7
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	640	640	640	640	--	--	EE-E14A-1	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	280	280	280	280	--	--	EE-E14A-1	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	590	590	590	590	--	--	EE-E14A-1	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	581	BCL	--	--	--	--	1	1	1	100	--	--	690	690	690	690	--	--	EE-E14A-1	1	1.2
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	1,700	1,700	1,700	1,700	--	--	EE-E14A-1	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	1,600	1,600	1,600	1,600	--	--	EE-E14A-1	--	--
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	7,900	7,900	7,900	7,900	--	--	EE-E14A-1	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	7,200	7,200	7,200	7,200	--	--	EE-E14A-1	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	3,500	3,500	3,500	3,500	--	--	EE-E14A-1	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	13,000	13,000	13,000	13,000	--	--	EE-E14A-1	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	7,000	7,000	7,000	7,000	--	--	EE-E14A-1	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	1,200	1,200	1,200	1,200	--	--	EE-E14A-1	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	1,700	1,700	1,700	1,700	--	--	EE-E14A-1	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	25,000	25,000	25,000	25,000	--	--	EE-E14A-1	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	10,000	10,000	10,000	10,000	--	--	EE-E14A-1	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	72,000	72,000	72,000	72,000	--	--	EE-E14A-1	--	--

Notes:

1. Health-based soil screening levels (HSSLs).
   SS: Site-specific values for Arsenic and Dioxin/Furan Toxicity Equivalence (TEQ).
   BCL: Lowest level among all available indoor and outdoor industrial worker Basic Comparison Levels (BCLs), NDEP 2025.
   RSL: Regional Screening Levels for industrial soil, USEPA 2024.

No detections, or maximum detected concentration is below HSSL (if available).
No HSSL available.
Radionuclides were determined to be consistent with background or natural concentration of uranium metal across OU-1.
Essential Nutrient, macronutrient or salt.
Individual VOCs were used to evaluate the nature and extent of impacts in soil from these compounds.

Sources:

[1] NDEP. 2025. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 17, July.
[2] USEPA. 2024. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund sites. November.
[3] NDEP. 2010. NDEP Response to Background Issues and Determination of Background Dataset for TRX. August 17.
[4] TIMET/BRC. 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity.

TABLE 4-13b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA C13
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	TCDD (pg/g)	1,9-HxCDD (pg/g)	Arsenic (mg/kg)	Magnesium (mg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	26.7	581	7.2	100,000	231
2011 Removal Action	EE-E14A-1	2	5/18/2011	**260**	**690**	**2.1 J-**	**10,100 J-**	**420**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram
pg/g: picograms per gram
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

TABLE 4-14a. STATISTICAL SUMMARY OF ECA GROUP C14/E2 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
General Chemistry	Ammonia	mg/kg	27,900	BCL	--	--	--	--	10	4	4	40	<0.097	<0.12	0.55 J	23 J	3	7.4	11	1.4	SA-107	0	--
	Bromide	mg/kg	--	--	--	--	--	--	10	4	2	20	<0.2	<0.2	0.7 J	1.2 J+	0.95	0.95	0.35	0.37	SA-107	--	--
	Carbonate as CO_3	mg/kg	--	--	--	--	--	--	10	4	9	90	<3	<3	4 J	65	14	24	22	0.92	SA-58	--	--
	Chlorate	mg/kg	38,900	BCL	--	--	--	--	10	4	7	70	<0.043	<0.045	0.152 J	1,080	7.1	160	410	2.6	SA-155	0	--
	Chloride	mg/kg	--	--	--	--	--	--	10	4	10	100	--	--	4.7 J+	2,090	250	440	630	1.4	SA-155	--	--
	Cyanide (total)	mg/kg	164	BCL	--	--	--	--	10	4	0	0	<0.42	<0.5	--	--	--	--	--	--	--	--	--
	Nitrate (as NO_3)	mg/kg	100,000	BCL	--	--	--	--	10	4	10	100	--	--	7.4 J+	230 J+	36	65	70	1.1	SA-155	0	--
	Nitrite	mg/kg	120,000	RSL	--	--	--	--	10	4	5	50	<0.08	<0.08	0.12	8.90	0.48	2.1	3.8	1.8	SA-58	0	--
	Perchlorate	mg/kg	908	BCL	--	--	--	--	13	4	13	100	--	--	0.562	363	27	82	120	1.4	SA-155	0	--
	Sulfate	mg/kg	--	--	--	--	--	--	10	4	10	100	--	--	40.0 J	809	300	360	250	0.7	SA-155	--	--
Metals	Aluminum	mg/kg	100,000	BCL	7,340	11,400	3,740 J	15,300 J	10	4	10	100	--	--	7,540 J	9,800	8,500	8,700	890	0.1	SA-58	0	--
	Antimony	mg/kg	3,450	BCL	0.5 UJ	3.4	0.12 J-	0.5 J-	10	4	5	50	0.5 UJ	0.6 UJ	0.5 J	1.4 J	0.8	0.84	0.34	0.4	SA-196	0	--
	Arsenic	mg/kg	7.2	SS	1.6	4.25	2.5	7.2 J	19	5	19	100	--	--	1.79 J	16	4.2	4.9	3.1	0.64	EE-E14-1	2	2.2
	Barium	mg/kg	100,000	BCL	111	213	73	445 J	10	4	10	100	--	--	153	214	180	180	22	0.12	SA-113	0	--
	Beryllium	mg/kg	6,130	BCL	0.362	0.588 J	0.16 J	0.89	10	4	10	100	--	--	0.428	0.613	0.47	0.5	0.067	0.14	SA-58	0	--
	Boron	mg/kg	100,000	BCL	3.6 J	11.7	<3.2	11.6 J+	10	4	10	100	--	--	5.5 J	49.5	8.3	13	13	1	SA-155	0	--
	Cadmium	mg/kg	8,180	BCL	<0.04	0.48	<0.129	<0.129	10	4	10	100	--	--	0.07 J	0.36	0.13	0.16	0.09	0.57	SA-58	0	--
	Calcium	mg/kg	--	--	--	--	9,440	82,800 J	10	4	10	100	--	--	15,300 J	50,700	27,000	29,000	9,800	0.34	SA-58	--	--
	Chromium (total)	mg/kg	--	--	5.57	10.7 J	2.6	16.7	10	4	10	100	--	--	6.42 J	20.1	8.9	10	4.1	0.4	SA-155	--	--
	Chromium VI	mg/kg	564	BCL	<0.18	0.29 J	<0.25	<0.32	10	4	2	20	<0.19	<0.20	0.38 J	1.05	0.72	0.72	0.47	0.66	SA-155	0	--
	Cobalt	mg/kg	385	BCL	5.4	9.1	3.7 J	16.3 J	10	4	10	100	--	--	6	11.6	7.1	7.8	1.8	0.23	SA-107	0	--
	Copper	mg/kg	51,900	BCL	15.8	140	10.2	25.9 J	10	4	10	100	--	--	15.9 J	33.2 J	19	20	5.1	0.25	SA-155	0	--
	Iron	mg/kg	100,000	BCL	11,300	20,600	5,410	19,700	10	4	10	100	--	--	12,200	17,000	14,000	14,000	1,700	0.12	SA-58	0	--
	Lead	mg/kg	800	BCL	7.1	72.8	3 J	35.1	10	4	10	100	--	--	6.7	48.7	8.4	15	13	0.88	SA-107	0	--
	Magnesium	mg/kg	100,000	BCL	7,700	13,000	4,690 J	17,500 J	10	4	10	100	--	--	8,150	15,000	11,000	11,000	2,200	0.19	SA-58	0	--
	Manganese	mg/kg	100,000	BCL	262	537	151	863 J	10	4	10	100	--	--	268 J	2,010	370	680	630	0.94	SA-107	0	--
	Mercury	mg/kg	3.13	BCL	0.006 J	0.362	<0.0072	0.11	10	4	10	100	--	--	0.005 J	0.05	0.013	0.021	0.015	0.71	SA-155	0	--
	Molybdenum	mg/kg	6,490	BCL	<0.31	32.7	0.3 J	2	10	4	10	100	--	--	0.17 J	1.44	0.47	0.58	0.38	0.66	SA-107	0	--
	Nickel	mg/kg	50,300	BCL	12.7	21.4	7.9 J	30 J	10	4	10	100	--	--	11.8 J	16.7	13	14	1.9	0.14	SA-58	0	--
	Phosphorus (total)	mg/kg	100,000	BCL	--	--	862	2,010	10	4	10	100	--	--	637	1,290	750	880	230	0.26	SA-155	0	--
	Platinum	mg/kg	5,190	BCL	0.006 J	<0.11	<0.0435	0.099 J	10	4	10	100	--	--	0.007 J	0.022 J	0.011	0.013	0.0054	0.43	SA-107	0	--
	Potassium	mg/kg	--	--	1,450	4,210	625	3,890	10	4	10	100	--	--	1,400	3,780	2,100	2,200	730	0.33	SA-58	--	--
	Selenium	mg/kg	6,490	BCL	<0.7	<4.3	<0.158	0.6	10	4	5	50	<0.7	<0.8	1 J	1.3 J	1.1	1.1	0.13	0.12	SA-155	0	--
	Silver	mg/kg	100,000	BCL	<0.2	<0.2	<0.261	<0.261	10	4	0	0	<0.2	<0.2	--	--	--	--	--	--	--	--	--
	Sodium	mg/kg	--	--	307	1,050	128	1,320	10	4	10	100	--	--	541	2,080	820	970	490	0.5	SA-155	--	--
	Strontium	mg/kg	100,000	BCL	129	339	75.5	808 J	10	4	10	100	--	--	104	393	220	240	110	0.46	SA-113	0	--
	Thallium	mg/kg	13	BCL	0.071	0.193 J	<0.543	1.8	10	4	10	100	--	--	0.07	0.89	0.089	0.25	0.33	1.3	SA-155	0	--
	Tin	mg/kg	100,000	BCL	<10.2	<11	0.24 J	0.8 J	10	4	10	100	--	--	3.6 J	5.3 J	4	4.2	0.57	0.14	SA-58	0	--
	Titanium	mg/kg	100,000	BCL	480	1,080	262	1,010 J	10	4	10	100	--	--	550	912	710	700	140	0.2	SA-58	0	--
	Tungsten	mg/kg	1,040	BCL	<0.11	0.62	0.0175 UJ	0.0175 UJ	10	4	10	100	--	--	0.13 J-	2.29 J-	0.18	0.49	0.67	1.4	SA-107	0	--
	Uranium (total)	mg/kg	3,830	BCL	0.655	1.94	0.62 J	2.7	10	4	10	100	--	--	0.716	2.78	1.2	1.5	0.72	0.48	SA-58	0	--
	Vanadium	mg/kg	100,000	BCL	28	54.9	20.2	59.1 J	10	4	10	100	--	--	31.5	54.4	40	41	8.4	0.2	SA-58	0	--
	Zinc	mg/kg	100,000	BCL	25.8	254	15.4	121	10	4	10	100	--	--	25.6	43.3	33	34	6.3	0.19	SA-58	0	--
Radionuclides	Radium-226	pCi/g	0.023	BCL	--	--	0.494 J	2.36	10	4	10	100	--	--	0.562	1.84	0.9	1.1	0.41	0.38	SA-107	10	80
	Radium-228	pCi/g	0.046	BCL	--	--	0.946 U	2.92	10	4	10	100	--	--	0.266 U	2.26	0.99	1.1	0.6	0.52	SA-196	10	49
	Thorium-228	pCi/g	0.026	BCL	--	--	1.15	2.28	10	4	10	100	--	--	1.22	2.26	2	1.9	0.31	0.16	SA-107	10	87
	Thorium-230	pCi/g	14	BCL	--	--	0.73 J	3.01	10	4	10	100	--	--	0.981 J	1.63	1.2	1.2	0.23	0.18	SA-113	0	--
	Thorium-232	pCi/g	13	BCL	--	--	1.22	2.23	10	4	10	100	--	--	1.33	2.08	1.8	1.8	0.28	0.16	SA-107	0	--
	Uranium-234	pCi/g	18	BCL	--	--	0.63 U	2.84	10	4	10	100	--	--	0.806	2.11	1.1	1.3	0.48	0.38	SA-58	0	--
	Uranium-235	pCi/g	0.33	BCL	--	--	0.0009	0.21 J	10	4	10	100	--	--	0.0318	0.104 J	0.07	0.067	0.024	0.36	SA-58	0	--
	Uranium-238	pCi/g	1.5	BCL	--	--	0.65 J	2.37	10	4	10	100	--	--	0.830	1.48	1	1.1	0.23	0.22	SA-58	0	--
VOCs	Acetone	µg/kg	100,000,000	BCL	--	--	--	--	10	4	10	100	--	--	3.8 J	33	16	16	9.2	0.57	SA-113	0	--
	t-Amyl methyl ether	µg/kg	--	--	--	--	--	--	10	4	0	0	<0.071	<0.14	--	--	--	--	--	--	--	--	--
	Benzene	µg/kg	5,310	BCL	--	--	--	--	10	4	0	0	<0.30	<0.55	--	--	--	--	--	--	--	--	--
	Bromobenzene	µg/kg	679,000	BCL	--	--	--	--	10	4	0	0	<0.27	<0.49	--	--	--	--	--	--	--	--	--
	Bromochloromethane	µg/kg	628,000	BCL	--	--	--	--	10	4	0	0	<0.27	<0.49	--	--	--	--	--	--	--	--	--

TABLE 4-14a. STATISTICAL SUMMARY OF ECA GROUP C14/E2 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	Bromodichloromethane	µg/kg	1,300	BCL	--	--	--	--	10	4	0	0	<0.33	<0.61	--	--	--	--	--	--	--	--	--
	Bromoform	µg/kg	95,300	BCL	--	--	--	--	10	4	0	0	<0.28	<0.51	--	--	--	--	--	--	--	--	--
	Bromomethane	µg/kg	30,300	BCL	--	--	--	--	10	4	0	0	<0.51	<0.94	--	--	--	--	--	--	--	--	--
	2-Butanone	µg/kg	28,400,000	BCL	--	--	--	--	10	4	5	50	<0.49	<0.91	0.90 J	3.1 J	1.3	1.5	0.89	0.58	SA-155	0	--
	n-Butylbenzene	µg/kg	108,000	BCL	--	--	--	--	10	4	0	0	<0.49	<0.91	--	--	--	--	--	--	--	--	--
	sec-Butylbenzene	µg/kg	145,000	BCL	--	--	--	--	10	4	0	0	<0.42	<0.78	--	--	--	--	--	--	--	--	--
	tert-Butylbenzene	µg/kg	183,000	BCL	--	--	--	--	10	4	0	0	<0.36	<0.66	--	--	--	--	--	--	--	--	--
	Carbon tetrachloride	µg/kg	2,960	BCL	--	--	--	--	10	4	0	0	<0.30	<0.54	--	--	--	--	--	--	--	--	--
	Chlorobenzene	µg/kg	1,370,000	BCL	--	--	--	--	10	4	0	0	<0.31	<0.58	--	--	--	--	--	--	--	--	--
	Chloroethane	µg/kg	2,120,000	BCL	--	--	--	--	10	4	0	0	<0.31	<0.58	--	--	--	--	--	--	--	--	--
	Chloroform	µg/kg	1,390	BCL	--	--	--	--	10	4	5	50	<0.28	<0.52	0.44 J	1.6 J	1.4	1.1	0.6	0.55	SA-107	0	--
	Chloromethane	µg/kg	464,000	BCL	--	--	--	--	10	4	0	0	<0.37	<0.68	--	--	--	--	--	--	--	--	--
	2-Chlorotoluene	µg/kg	907,000	BCL	--	--	--	--	10	4	0	0	<0.40	<0.73	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	µg/kg	26,000,000	BCL	--	--	--	--	10	4	0	0	<0.35	<0.65	--	--	--	--	--	--	--	--	--
	Cumene	µg/kg	10,400,000	BCL	--	--	--	--	10	4	0	0	<0.33	<0.60	--	--	--	--	--	--	--	--	--
	p-Cymene	µg/kg	147,000	BCL	--	--	--	--	10	4	0	0	<0.42	<0.77	--	--	--	--	--	--	--	--	--
	1,2-Dibromo-3-chloropropane	µg/kg	64.9	BCL	--	--	--	--	10	4	0	0	<0.45	<0.83	--	--	--	--	--	--	--	--	--
	Dibromochloromethane	µg/kg	43,300	BCL	--	--	--	--	10	4	0	0	<0.22	<0.40	--	--	--	--	--	--	--	--	--
	1,2-Dibromoethane	µg/kg	168	BCL	--	--	--	--	10	4	0	0	<0.20	<0.36	--	--	--	--	--	--	--	--	--
	Dibromomethane	µg/kg	98,900	BCL	--	--	--	--	10	4	0	0	<0.22	<0.40	--	--	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	µg/kg	376,000	BCL	--	--	--	--	10	4	0	0	<0.26	<0.47	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	µg/kg	373,000	BCL	--	--	--	--	10	4	0	0	<0.34	<0.63	--	--	--	--	--	--	--	--	--
	1,4-Dichlorobenzene	µg/kg	11,500	BCL	--	--	--	--	10	4	0	0	<0.46	<0.84	--	--	--	--	--	--	--	--	--
	Dichlorodifluoromethane	µg/kg	368,000	BCL	--	--	--	--	10	4	0	0	<0.34	<0.63	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethane	µg/kg	15,800	BCL	--	--	--	--	10	4	0	0	<0.30	<0.55	--	--	--	--	--	--	--	--	--
	1,2-Dichloroethane	µg/kg	2,100	BCL	--	--	--	--	10	4	0	0	<0.23	<0.42	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethene	µg/kg	20,000	BCL	--	--	--	--	10	4	0	0	<0.24	<0.45	--	--	--	--	--	--	--	--	--
	cis-1,2-Dichloroethene	µg/kg	400,000	BCL	--	--	--	--	10	4	0	0	<0.20	<0.37	--	--	--	--	--	--	--	--	--
	trans-1,2-Dichloroethene	µg/kg	304,000	BCL	--	--	--	--	10	4	0	0	<0.34	<0.63	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	µg/kg	11,700	BCL	--	--	--	--	10	4	0	0	<0.26	<0.47	--	--	--	--	--	--	--	--	--
	1,3-Dichloropropane	µg/kg	26,000,000	BCL	--	--	--	--	10	4	0	0	<0.24	<0.43	--	--	--	--	--	--	--	--	--
	2,2-Dichloropropane	µg/kg	--	--	--	--	--	--	10	4	0	0	<0.22	<0.40	--	--	--	--	--	--	--	--	--
	1,1-Dichloropropene	µg/kg	--	--	--	--	--	--	10	4	0	0	<0.26	<0.48	--	--	--	--	--	--	--	--	--
	cis-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	10	4	0	0	<0.22	<0.41	--	--	--	--	--	--	--	--	--
	trans-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	10	4	0	0	<0.24	<0.45	--	--	--	--	--	--	--	--	--
	Diisopropyl ether	µg/kg	2,260,000	BCL	--	--	--	--	10	4	0	0	<0.16	<0.29	--	--	--	--	--	--	--	--	--
	Ethyl benzene	µg/kg	26,600	BCL	--	--	--	--	10	4	0	0	<0.57	<1.1	--	--	--	--	--	--	--	--	--
	Ethyl tert-butyl ether	µg/kg	560,000	RSL	--	--	--	--	10	4	0	0	<0.16	<0.29	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	µg/kg	5,610	BCL	--	--	--	--	10	4	0	0	<0.49	<0.90	--	--	--	--	--	--	--	--	--
	2-Hexanone	µg/kg	1,490,000	BCL	--	--	--	--	10	4	0	0	<0.46	<0.85	--	--	--	--	--	--	--	--	--
	Methyl tert-butyl ether	µg/kg	217,000	BCL	--	--	--	--	10	4	0	0	<0.20	<0.37	--	--	--	--	--	--	--	--	--
	Methylene Chloride	µg/kg	1,130,000	BCL	--	--	--	--	10	4	5	50	<0.28	<0.38	0.29 J	1.5 J	0.87	0.98	0.49	0.5	SA-58	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	10	4	1	10	<0.59	<1.1	3.6 J	3.6 J	3.6	3.6	--	--	SA-107	0	--
	4-Methyl-2-pentanone	µg/kg	3,360,000	BCL	--	--	--	--	10	4	0	0	<0.42	<0.78	--	--	--	--	--	--	--	--	--
	n-Propylbenzene	µg/kg	264,000	BCL	--	--	--	--	10	4	0	0	<0.33	<0.61	--	--	--	--	--	--	--	--	--
	Styrene	µg/kg	867,000	BCL	--	--	--	--	10	4	0	0	<0.30	<0.54	--	--	--	--	--	--	--	--	--
	1,1,1,2-Tetrachloroethane	µg/kg	9,070	BCL	--	--	--	--	10	4	0	0	<0.19	<0.34	--	--	--	--	--	--	--	--	--
	1,1,2,2-Tetrachloroethane	µg/kg	2,910	BCL	--	--	--	--	10	4	0	0	<0.26	<0.48	--	--	--	--	--	--	--	--	--
	Tetrachloroethene	µg/kg	107,000	BCL	--	--	--	--	10	4	0	0	<0.32	<0.59	--	--	--	--	--	--	--	--	--
	Toluene	µg/kg	818,000	BCL	--	--	--	--	10	4	7	70	<0.30	<0.37	0.24 J	0.91 J	0.66	0.62	0.22	0.36	SA-155	0	--
	1,2,3-Trichlorobenzene	µg/kg	151,000	BCL	--	--	--	--	10	4	0	0	<0.47	<0.86	--	--	--	--	--	--	--	--	--
	1,2,4-Trichlorobenzene	µg/kg	125,000	BCL	--	--	--	--	10	4	0	0	<0.58	<1.1	--	--	--	--	--	--	--	--	--
	1,1,1-Trichloroethane	µg/kg	640,000	BCL	--	--	--	--	10	4	0	0	<0.14	<0.26	--	--	--	--	--	--	--	--	--
	1,1,2-Trichloroethane	µg/kg	5,280	BCL	--	--	--	--	10	4	0	0	<0.38	<0.70	--	--	--	--	--	--	--	--	--
	Trichloroethene	µg/kg	6,310	BCL	--	--	--	--	10	4	0	0	<0.26	<0.48	--	--	--	--	--	--	--	--	--
	Trichlorofluoromethane	µg/kg	1,230,000	BCL	--	--	--	--	10	4	0	0	<0.22	<0.40	--	--	--	--	--	--	--	--	--

TABLE 4-14a. STATISTICAL SUMMARY OF ECA GROUP C14/E2 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	1,2,3-Trichloropropane	µg/kg	121	BCL	--	--	--	--	10	4	0	0	<0.35	<0.64	--	--	--	--	--	--	--	--	--
	1,2,4-Trimethylbenzene	µg/kg	219,000	BCL	--	--	--	--	10	4	0	0	<0.40	<0.74	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	µg/kg	182,000	BCL	--	--	--	--	10	4	0	0	<0.34	<0.63	--	--	--	--	--	--	--	--	--
	Vinyl chloride	µg/kg	1,870	BCL	--	--	--	--	10	4	0	0	<0.31	<0.57	--	--	--	--	--	--	--	--	--
	m,p-Xylene	µg/kg	--	--	--	--	--	--	10	4	0	0	<0.60	<1.2	--	--	--	--	--	--	--	--	--
	o-Xylene	µg/kg	434,000	BCL	--	--	--	--	10	4	0	0	<0.41	<0.76	--	--	--	--	--	--	--	--	--
	tert Butyl alcohol	µg/kg	7,270,000	BCL	--	--	--	--	10	4	0	0	<4.6	<8.4	--	--	--	--	--	--	--	--	--
SVOCs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	23	11	0	0	<1.1	<11	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	23	11	0	0	<0.77	<19	--	--	--	--	--	--	--	--	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	23	11	0	0	<1.3	<19	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	23	11	4	17.4	<0.60	<22	1.8 J	14 J	8.4	8.2	5.1	0.62	SA-107	0	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	23	11	1	4.3	<0.70	<22	8.4	8.4	8.4	8.4	--	--	SA-107	0	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	23	11	3	13	<1.2	<29	11 J	53	24	29	22	0.73	SA-196	0	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	23	11	2	8.7	<1.3	<18	7.4 J	11	9.2	9.2	2.5	0.28	SA-107	0	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	23	11	3	13	<0.86	<44	7.4 J	39	12	19	17	0.88	SA-196	0	--
	Butylbenzylphthalate	µg/kg	1,860,000	BCL	--	--	--	--	23	11	3	13	<2.5	<47	2.8 J	7.8 J	3.9	4.8	2.6	0.54	SA-155	0	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	23	11	7	30.4	<1.1	<30	4.4 J	96	17	29	32	1.1	SA-196	0	--
	Di-n-butylphthalate	µg/kg	91,200,000	BCL	--	--	--	--	23	11	4	17.4	<31	<350	41 J	58 J	48	49	7.3	0.15	SA-58	0	--
	Di-n-octylphthalate	µg/kg	9,120,000	BCL	--	--	--	--	23	11	0	0	<1.2	<16	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	23	11	0	0	<0.80	<21	--	--	--	--	--	--	--	--	--
	Diethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	23	11	0	0	<28	<1,300	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	23	11	3	13	<0.92	<25	3.9 J	85 J	26	38	42	1.1	BDT-3-S-20	0	--
	1,4-Dioxane	µg/kg	27,200	BCL	--	--	--	--	23	11	0	0	<5.1	<73	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	23	11	6	26.1	<1.5	<40	6.5 J	61	20	25	21	0.82	SA-196	0	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	23	11	0	0	<0.72	<20	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	25	11	16	64	<0.90	<32	64 J	47,000	560	3,800	12,000	3.1	EE-E14-1	12	200
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	23	11	2	8.7	<0.92	<24	6.3 J	8.4	7.3	7.3	1.5	0.2	SA-107	0	--
	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	23	11	1	4.3	<0.59	<21	3.2 J	3.2 J	3.2	3.2	--	--	SA-107	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	23	11	0	0	<0.87	<34	--	--	--	--	--	--	--	--	--
	Nitrobenzene	µg/kg	22,500	BCL	--	--	--	--	23	11	0	0	<1.9	<24	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	µg/kg	--	--	--	--	--	--	23	11	15	65.2	<3.8	<63	19 J	790	110	180	220	1.2	SA-196	--	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	23	11	3	13	<1.9	<19	4.7 J	18 J	14	12	6.8	0.56	SA-155	0	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	23	11	7	30.4	<1.1	<13	4.7 J	64	11	19	21	1.1	SA-196	0	--
	Pyridine	µg/kg	1,300,000	BCL	--	--	--	--	23	11	0	0	<28	<280	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	µg/kg	252,000	BCL	--	--	--	--	23	11	3	13	<49	<1,400	150 J	1,400 J	410	650	660	1	SA-107	0	--
PCBs	Aroclor-1016	µg/kg	45,200	BCL	--	--	--	--	3	1	0	0	<18	<19	--	--	--	--	--	--	--	--	--
	Aroclor-1221	µg/kg	1,280	BCL	--	--	--	--	3	1	0	0	<40	<42	--	--	--	--	--	--	--	--	--
	Aroclor-1232	µg/kg	1,060	BCL	--	--	--	--	3	1	0	0	<18	<19	--	--	--	--	--	--	--	--	--
	Aroclor-1242	µg/kg	1,550	BCL	--	--	--	--	3	1	0	0	<28	<29	--	--	--	--	--	--	--	--	--
	Aroclor-1248	µg/kg	1,560	BCL	--	--	--	--	3	1	0	0	<18	<19	--	--	--	--	--	--	--	--	--
	Aroclor-1254	µg/kg	1,600	BCL	--	--	--	--	3	1	0	0	<18	<19	--	--	--	--	--	--	--	--	--
	Aroclor-1260	µg/kg	1,650	BCL	--	--	--	--	3	1	0	0	<32	<33	--	--	--	--	--	--	--	--	--
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	26.7	BCL	--	--	--	--	22	13	18	81.8	<0.040	<210	0.17 J	135	14	24	37	1.5	SA-196	5	5.1
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	22	13	19	86.4	<0.040	<170	0.21 JK	466	40	77	130	1.7	SA-196	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	22	13	18	81.8	<0.034	<340	0.18 JK	413	25	61	110	1.7	SA-196	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	22	13	20	90.9	<0.2	<310	0.11 JK	820	26	110	210	1.9	SA-196	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	581	BCL	--	--	--	--	22	13	20	90.9	<0.16	<270	0.10 J	958	22	110	220	2.1	SA-196	1	1.6
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	22	13	20	90.9	0.76 UJ	<350	0.55 J	2,530	90	370	660	1.8	SA-196	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	22	13	21	95.5	<920	<920	1.6 J	2,170	20	300	530	1.8	SA-196	--	--
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	--	--	--	--	--	--	22	13	21	95.5	<0.52	<0.52	1.4	12,000	280	1,300	2,800	2.1	EE-E14-1	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	22	13	22	100	--	--	0.49 JK	7,420	330	1,100	1,900	1.7	SA-196	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	22	13	22	100	--	--	0.29 JK	4,000	190	590	980	1.7	SA-196	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	22	13	22	100	--	--	0.80 J	21,100	590	2,500	4,800	1.9	SA-196	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	22	13	22	100	--	--	0.44 J	12,400	410	1,500	2,800	1.9	SA-196	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	22	13	20	90.9	<0.31	<900	0.14 J	1,650	69	240	410	1.7	SA-196	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	22	13	22	100	--	--	0.10 JK	3,070	100	490	870	1.8	SA-196	--	--

TABLE 4-14a. STATISTICAL SUMMARY OF ECA GROUP C14/E2 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	22	13	22	100	--	--	1.1 J	34,400	1,500	5,000	8,300	1.7	SA-196	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	22	13	22	100	--	--	0.58 J	14,700 J-	790	2,200	3,500	1.6	SA-196	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	pg/g	--	--	--	--	--	--	22	13	22	100	--	--	3.7 J	530,000 J	3,800	36,000	110,000	3.2	EE-E14-1	--	--
	Total Dioxin/Furan TEQ (Calculated)	pg/g	2,700	SS	--	--	--	--	17	10	17	100	--	--	0.30	3,200	26	440	790	1.8	SA-107	1	1.2
Pesticides - OCPs	Aldrin	µg/kg	205	BCL	--	--	--	--	5	2	0	0	<0.92	<9.1	--	--	--	--	--	--	--	--	--
	alpha-BHC	µg/kg	274,000	BCL	--	--	--	--	5	2	0	0	<0.92	<9.1	--	--	--	--	--	--	--	--	--
	beta-BHC	µg/kg	54,700	BCL	--	--	--	--	5	2	3	60	<0.93	<9.1	15 J	210	82	100	99	0.97	SA-107	0	--
	delta-BHC	µg/kg	333,000	BCL	--	--	--	--	5	2	0	0	<0.92	<9.1	--	--	--	--	--	--	--	--	--
	gamma-BHC	µg/kg	11,100	BCL	--	--	--	--	5	2	0	0	<0.92	<9.1	--	--	--	--	--	--	--	--	--
	Chlordane (total)	µg/kg	--	--	--	--	--	--	5	2	0	0	<4.6	<46	--	--	--	--	--	--	--	--	--
	alpha-Chlordane	µg/kg	500,000	RSL	--	--	--	--	5	2	0	0	<0.92	<9.1	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	µg/kg	500,000	RSL	--	--	--	--	5	2	2	40	<0.93	<9.1	7.5 J+	31	19	19	17	0.86	SA-107	0	--
	4,4'-DDD	µg/kg	14,700	BCL	--	--	--	--	5	2	0	0	<1.9	<19	--	--	--	--	--	--	--	--	--
	4,4'-DDE	µg/kg	10,300	BCL	--	--	--	--	5	2	2	40	<1.9	<19	22 J+	140	81	81	83	1	SA-107	0	--
	4,4'-DDT	µg/kg	10,600	BCL	--	--	--	--	5	2	2	40	<1.9	<19	11 J+	120	66	66	77	1.2	SA-107	0	--
	Dieldrin	µg/kg	220	BCL	--	--	--	--	5	2	0	0	<1.9	<19	--	--	--	--	--	--	--	--	--
	Endosulfan I	µg/kg	--	--	--	--	--	--	5	2	0	0	<0.92	<9.1	--	--	--	--	--	--	--	--	--
	Endosulfan II	µg/kg	--	--	--	--	--	--	5	2	0	0	<1.9	<19	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	µg/kg	4,900,000	RSL	--	--	--	--	5	2	0	0	<1.9	<19	--	--	--	--	--	--	--	--	--
	Endrin	µg/kg	274,000	BCL	--	--	--	--	5	2	0	0	<1.9	<19	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	µg/kg	--	--	--	--	--	--	5	2	0	0	<1.9	<19	--	--	--	--	--	--	--	--	--
	Endrin ketone	µg/kg	--	--	--	--	--	--	5	2	0	0	<1.9	<19	--	--	--	--	--	--	--	--	--
	Heptachlor	µg/kg	696	BCL	--	--	--	--	5	2	0	0	<0.92	<9.1	--	--	--	--	--	--	--	--	--
	Heptachlor epoxide	µg/kg	366	BCL	--	--	--	--	5	2	0	0	<0.92	<9.1	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	5	2	4	80	<0.93	<0.93	78 J	1,000	420	480	450	0.94	SA-107	2	4.3
	Methoxychlor	µg/kg	4,560,000	BCL	--	--	--	--	5	2	0	0	<9.2	<91	--	--	--	--	--	--	--	--	--
	Toxaphene	µg/kg	3,210	BCL	--	--	--	--	5	2	0	0	<19	<180	--	--	--	--	--	--	--	--	--
Pesticides - OPPs	Chlorpyrifos	µg/kg	912,000	BCL	--	--	--	--	4	2	0	0	<6.7	<7.0	--	--	--	--	--	--	--	--	--
	Coumaphos	µg/kg	--	--	--	--	--	--	4	2	0	0	<2.9	<3.0	--	--	--	--	--	--	--	--	--
	Dasanit	µg/kg	--	--	--	--	--	--	4	2	0	0	<8.5	<8.9	--	--	--	--	--	--	--	--	--
	Demeton-O	µg/kg	--	--	--	--	--	--	4	2	0	0	<5.5	<5.8	--	--	--	--	--	--	--	--	--
	Demeton-S	µg/kg	--	--	--	--	--	--	4	2	0	0	<5.1	<5.3	--	--	--	--	--	--	--	--	--
	Diazinon	µg/kg	638,000	BCL	--	--	--	--	4	2	0	0	<7.6	<7.9	--	--	--	--	--	--	--	--	--
	Dichlorovos	µg/kg	12,200	BCL	--	--	--	--	4	2	0	0	<7.7	<8.1	--	--	--	--	--	--	--	--	--
	Dimethoate	µg/kg	2,010,000	BCL	--	--	--	--	4	2	0	0	<7.4	7.7 UJ	--	--	--	--	--	--	--	--	--
	Disulfoton	µg/kg	36,500	BCL	--	--	--	--	4	2	0	0	<8.0	<8.4	--	--	--	--	--	--	--	--	--
	EPN	µg/kg	9,120	BCL	--	--	--	--	4	2	0	0	<3.8	<4.0	--	--	--	--	--	--	--	--	--
	Ethoprop	µg/kg	--	--	--	--	--	--	4	2	0	0	<5.1	<5.4	--	--	--	--	--	--	--	--	--
	Famphur	µg/kg	--	--	--	--	--	--	4	2	0	0	<3.4	<3.5	--	--	--	--	--	--	--	--	--
	Fenthion	µg/kg	--	--	--	--	--	--	4	2	0	0	<9.1	<9.5	--	--	--	--	--	--	--	--	--
	Guthion	µg/kg	2,740,000	BCL	--	--	--	--	4	2	0	0	<3.6	3.8 UJ	--	--	--	--	--	--	--	--	--
	Malathion	µg/kg	18,200,000	BCL	--	--	--	--	4	2	0	0	<4.8	<5.1	--	--	--	--	--	--	--	--	--
	Merphos	µg/kg	1,030	BCL	--	--	--	--	4	2	0	0	<5.3	<5.6	--	--	--	--	--	--	--	--	--
	Methyl parathion	µg/kg	228,000	BCL	--	--	--	--	4	2	0	0	<6.6	<6.9	--	--	--	--	--	--	--	--	--
	Mevinphos	µg/kg	--	--	--	--	--	--	4	2	0	0	4.8 UJ	5.0 UJ	--	--	--	--	--	--	--	--	--
	Naled	µg/kg	1,290	BCL	--	--	--	--	4	2	0	0	<24	25 UJ	--	--	--	--	--	--	--	--	--
	Parathion	µg/kg	5,470,000	BCL	--	--	--	--	4	2	0	0	<5.5	<5.8	--	--	--	--	--	--	--	--	--
	Phorate	µg/kg	182,000	BCL	--	--	--	--	4	2	0	0	<5.9	6.2 UJ	--	--	--	--	--	--	--	--	--
	Prothiophos	µg/kg	--	--	--	--	--	--	4	2	0	0	<4.1	<4.3	--	--	--	--	--	--	--	--	--
	Ronnel	µg/kg	26,800	BCL	--	--	--	--	4	2	0	0	<16	<17	--	--	--	--	--	--	--	--	--
	Stirophos	µg/kg	147,000	BCL	--	--	--	--	4	2	0	0	<4.5	<4.7	--	--	--	--	--	--	--	--	--
	Sulfotepp	µg/kg	456,000	BCL	--	--	--	--	4	2	0	0	<6.5	<6.8	--	--	--	--	--	--	--	--	--
	Sulprofos	µg/kg	--	--	--	--	--	--	4	2	0	0	<4.4	<4.6	--	--	--	--	--	--	--	--	--
	Thionazin	µg/kg	--	--	--	--	--	--	4	2	0	0	<5.8	<6.1	--	--	--	--	--	--	--	--	--
	Trichloronate	µg/kg	--	--	--	--	--	--	4	2	0	0	<6.5	6.8 UJ	--	--	--	--	--	--	--	--	--
Petroleum Indicators	Petroleum Hydrocarbons	mg/kg	--	--	--	--	--	--	4	1	0	0	<42	<43	--	--	--	--	--	--	--	--	--

TABLE 4-14a. STATISTICAL SUMMARY OF ECA GROUP C14/E2 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects								
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Petroleum Indicators	Gasoline Range Organics	mg/kg	--	--	--	--	--	--	4	1	0	0	<2.6	<4.0	--	--	--	--	--	--	--	--	--
	Diesel Range Organics	mg/kg	--	--	--	--	--	--	4	1	0	0	<42	<43	--	--	--	--	--	--	--	--	--
Other Organics	Benzenesulfonic acid	µg/kg	100,000,000	BCL	--	--	--	--	4	2	0	0	<250	<250	--	--	--	--	--	--	--	--	--
	4-Chlorobenzenesulfonic acid	µg/kg	91,200,000	BCL	--	--	--	--	4	2	0	0	<250	<250	--	--	--	--	--	--	--	--	--
	Diethylphosphorodithioate	µg/kg	100,000,000	BCL	--	--	--	--	4	2	0	0	<250	<250	--	--	--	--	--	--	--	--	--
	o,o-Dimethyl Phosphorodithioate	µg/kg	100,000,000	BCL	--	--	--	--	4	2	0	0	<1,300	<1,300	--	--	--	--	--	--	--	--	--
	Phthalic acid	µg/kg	100,000,000	BCL	--	--	--	--	4	2	0	0	<250	<250	--	--	--	--	--	--	--	--	--
Asbestos	Long Amphibole Protocol Structures Count	s/samp	0	SS	--	--	--	--	4	4	0	0	0	0	--	--	--	--	--	--	--	--	N/A
	Long Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	4	4	1	25	0	0	8	8	8	8	--	--	SA-58	--	--
	Long Chrysotile Protocol Structures Count	s/samp	5	SS	--	--	--	--	4	4	1	25	0	0	8	8	8	8	--	--	SA-58	1	1.6
	Short Amphibole Structures Counts	s/samp	--	--	--	--	--	--	4	4	0	0	0	0	--	--	--	--	--	--	--	--	--
	Short Asbestos Structures Counts	s/samp	--	--	--	--	--	--	4	4	1	25	0	0	10	10	10	10	--	--	SA-58	--	--
	Short Chrysotile Structures Counts	s/samp	--	--	--	--	--	--	4	4	1	25	0	0	10	10	10	10	--	--	SA-58	--	--
	Total Amphibole Protocol Structures Count	s/samp	--	--	--	--	--	--	4	4	0	0	0	0	--	--	--	--	--	--	--	--	--
	Total Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	4	4	1	25	0	0	18	18	18	18	--	--	SA-58	--	--
	Total Chrysotile Protocol Structures Count	s/samp	--	--	--	--	--	--	4	4	1	25	0	0	18	18	18	18	--	--	SA-58	--	--

Notes:

1. Health-based soil screening levels (HSSLs).
   SS: Site-specific values for Arsenic and Dioxin/Furan Toxicity Equivalence (TEQ).
   BCL: Lowest level among all available indoor and outdoor industrial worker Basic Comparison Levels (BCLs), NDEP 2025.
   RSL: Regional Screening Levels for industrial soil, USEPA 2024.

	No detections, or maximum detected concentration is below HSSL (if available).
	No HSSL available.
	Radionuclides were determined to be consistent with background or natural concentration of uranium metal across OU-1.
	Essential Nutrient, macronutrient or salt.
	Individual VOCs were used to evaluate the nature and extent of impacts in soil from these compounds.

Sources:

[1] NDEP. 2025. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 17, July.

[2] USEPA. 2024. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund sites. November.

[3] NDEP. 2010. NDEP Response to Background Issues and Determination of Background Dataset for TRX. August 17.

[4] TIMET/BRC. 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity.

TABLE 4-14b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA GROUP C14/E2
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231	231
Phase B	SA-58	0	9/16/2009	0	**8**	--	--	--	--	--	--	--	--	--	--	--	--	--
		0 - 1.5	9/03/2009	--	--	**28.2**	**119**	--	**132**	**2.58**	**7.5**	**19.6**	**12,300**	**566**	**0.162**	<0.92	**720**	**620 J+**
		0.5 - 1	12/16/2009	--	--	**28 J**	**97**	**1,100**	--	--	--	--	--	--	--	--	--	--
		1 - 1.5	12/16/2009	--	--	**15 J**	**42**	**500**	--	--	--	--	--	--	--	--	--	--
		9.5 - 11	9/03/2009	--	--	--	--	--	**279**	**4.43**	**7.3**	**8.4**	**15,000**	**316**	**0.088**	<0.93	<0.93	<0.90
	SA-107	0	8/04/2009	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
			8/04/2009 (FD)	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 2	8/11/2009	--	--	**67.7**	**333**	--	**26.6**	**7.8**	**11.6**	**48.7**	**10,800**	**2,010**	**0.877**	<8.8	**1,000**	**1,200**
		1 - 1.5	12/15/2009	--	--	**88 J**	**300**	**3,200**	--	--	--	--	--	--	--	--	--	**850**
		1.5 - 2	12/15/2009	--	--	**0.99 J**	**2.0**	**23**	--	--	--	--	--	--	--	--	--	**210**
		10 - 11.5	8/11/2009	--	--	--	--	--	**37.9**	**4.16**	**6.7**	**8.2**	**10,200**	**311**	**0.085**	<9.1	**130 J**	**110 J**
			8/11/2009 (FD)	--	--	--	--	--	**39.8**	**4.13**	**6.9**	**8.3**	**10,800**	**363**	**0.086**	<9.1	**78 J**	**64 J**
	SA-113	0 - 1.5	8/25/2009	--	--	**0.296 JK**	**1.38 J**	**11**	**1.44**	**1.79 J**	**6.9**	**7.8**	**8,150**	**371 J**	**0.091**	--	--	**690**
		9.5 - 11	8/25/2009	--	--	--	--	--	**11.6**	**3.9 J**	**6**	**6.7**	**13,500**	**268 J**	**0.07**	--	--	<0.91
	SA-155	1.5	12/14/2009	--	--	**18**	**96**	**720**	--	--	--	--	--	--	--	--	--	**940 X**
			12/15/2009 (FD)	--	--	**17**	**86**	**700**	--	--	--	--	--	--	--	--	--	**490 J**
		2	12/14/2009	--	--	**0.17 J**	**0.69**	**6.3**	--	--	--	--	--	--	--	--	--	**330**
		10 - 11.5	8/11/2009	--	--	--	--	--	**363**	**4.24**	**10.6**	**27.1**	**9,040**	**1,710**	**0.89**	--	--	**300**
	SA-196	0 - 0.5	9/11/2009	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 2	8/25/2009	--	--	**135**	**958**	--	**0.562**	**2.14 J**	**7**	**10.6**	**9,680**	**508 J**	**0.104**	--	--	**5,800**
		1 - 1.5	12/22/2009	--	--	**16 J**	**47**	**550**	--	--	--	--	--	--	--	--	--	**1,400**
		1.5 - 2	12/22/2009	--	--	**0.68 J**	**2.4**	**25**	--	--	--	--	--	--	--	--	--	**96**
		10 - 11.5	8/25/2009	--	--	--	--	--	**8.93**	**2.7 J**	**7.2**	**7.4**	**13,100**	**334 J**	**0.087**	--	--	<0.90
Pre-Excavation	BDT-3-S-20	2.5 - 3.5	8/23/2010	--	--	**0.60**	**2.6 J**	**26**	--	--	--	--	--	--	--	--	--	<31
		4.5 - 5.5	8/23/2010	--	--	**0.62**	**2.6**	**31**	--	--	--	--	--	--	--	--	--	<31
		6.5 - 7.5	8/23/2010	--	--	<0.088	**0.28 JK**	**2.4**	--	--	--	--	--	--	--	--	--	<32
			8/23/2010 (FD)	--	--	<0.14	**0.36 J**	**2.1**	--	--	--	--	--	--	--	--	--	<32
		8.5 - 9.5	8/23/2010	--	--	**0.58**	**1.6 J**	**20**	--	--	--	--	--	--	--	--	--	<32
	SA-58	2.5 - 3.5	4/15/2010	--	--	<0.040	**0.10 J**	**0.30**	--	--	--	--	--	--	--	--	--	--
	SA-107	2 - 3	4/16/2010	--	--	--	--	--	--	**3.4**	--	--	--	--	--	--	--	--
		5 - 6	4/16/2010	--	--	--	--	--	--	**3.6**	--	--	--	--	--	--	--	--
	SSAM7-06	4.5 - 5.5	10/21/2010	--	--	--	--	--	--	**6.8**	--	--	--	--	--	--	--	--
		5.5 - 6.5	10/21/2010	--	--	--	--	--	--	**4.7**	--	--	--	--	--	--	--	--
		6.5 - 7.5	10/21/2010	--	--	--	--	--	--	**3.3**	--	--	--	--	--	--	--	--
	SSAM7-07	5 - 6	10/21/2010	--	--	--	--	--	--	**6.6**	--	--	--	--	--	--	--	--
		6 - 7	10/21/2010	--	--	--	--	--	--	**4.7**	--	--	--	--	--	--	--	--
	SSAN5-02	5.5	5/17/2010	--	--	**13**	**60**	**590**	--	--	--	--	--	--	--	--	--	**490 J-**
		5.5 - 6.5	5/17/2010	--	--	--	--	--	**160**	--	--	--	--	--	--	--	--	--
2011 Removal Action	CS-E14B-1	3	6/02/2011	--	--	**0.37 J**	<0.16	--	**4.39 J**	**5.7**	--	--	--	--	--	--	--	<31
	EE-E14-1	4	6/02/2011	--	--	<210	<270	--	**3.38 J**	**16**	--	--	--	--	--	--	--	**47,000**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram
pg/g: picograms per gram
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

TABLE 4-15a. STATISTICAL SUMMARY OF ECA C16 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
General Chemistry	Perchlorate	mg/kg	908	BCL	--	--	--	--	13	6	13	100	--	--	180 J+	9,500 J+	3,400	3,100	2,600	0.84	SSAM6-05	9	10
Metals	Arsenic	mg/kg	7.2	SS	1.6	4.25	2.5	7.2 J	2	2	2	100	--	--	47.8	49.0	48	48	0.85	0.018	EE-E08A-1	2	6.8
	Lead	mg/kg	800	BCL	7.1	72.8	3 J	35.1	2	2	2	100	--	--	86.9	94.7	91	91	5.5	0.061	EE-E08A-1	0	--
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	26.7	BCL	--	--	--	--	13	9	9	69.2	<0.073	<550	6.8	770 J	47	150	240	1.7	EE-E08A-1	7	29
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	13	9	8	61.5	<0.13	<1,300	24	760	170	250	250	0.99	SSAM6-06	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	13	9	11	84.6	<0.090	<0.098	0.11 JK	1,600 J	120	400	570	1.4	EE-E08A-1	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	13	9	12	92.3	<0.12	<0.12	0.12 JK	2,000 JK	200	580	770	1.3	EE-E08A-1	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	581	BCL	--	--	--	--	13	9	12	92.3	<0.11	<0.11	0.095 JK	2,100 J	200	540	730	1.4	EE-E08A-1	3	3.6
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	13	9	13	100	--	--	0.27 J	8,900 J	640	1,800	2,800	1.5	EE-E08A-1	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	13	9	13	100	--	--	1.7 J	12,000 J	840	2,600	3,900	1.5	EE-E08A-1	--	--
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	--	--	--	--	--	--	13	9	13	100	--	--	0.43 J	32,000	930	5,700	11,000	1.9	EE-E08A-1	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	13	9	11	84.6	<0.25	<0.81	0.30 JK	21,000 J	1,900	5,800	7,700	1.3	EE-E08A-1	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	13	9	10	76.9	<0.098	<0.41	170	11,000 J	1,600	3,200	3,900	1.2	EE-E08A-1	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	13	9	13	100	--	--	0.58 J	66,000	3,100	13,000	23,000	1.7	EE-E08A-1	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	13	9	13	100	--	--	0.33 JK	29,000	2,200	6,900	10,000	1.5	EE-E08A-1	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	13	9	12	92.3	<0.16	<0.16	0.16 J	3,900 J	470	1,200	1,400	1.2	EE-E08A-1	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	13	9	13	100	--	--	0.18 J	11,000 J	430	2,300	4,000	1.8	EE-E08A-1	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	13	9	13	100	--	--	1.2 J	110,000	7,700	25,000	36,000	1.4	EE-E08A-1	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	13	9	13	100	--	--	0.69 J	58,000	3,800	13,000	20,000	1.6	EE-E08A-1	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	pg/g	--	--	--	--	--	--	13	9	13	100	--	--	2.4 J	440,000	21,000	94,000	160,000	1.7	EE-E08A-1	--	--
	Total Dioxin/Furan TEQ (Calculated)	pg/g	2,700	SS	--	--	--	--	10	7	10	100	--	--	0.24	7,900	670	1,600	2,500	1.5	SSAM6-06	2	2.9
Pesticides - OCPs	Aldrin	µg/kg	205	BCL	--	--	--	--	2	2	0	0	<220	<220	--	--	--	--	--	--	--	--	--
	alpha-BHC	µg/kg	274,000	BCL	--	--	--	--	2	2	0	0	<230	<230	--	--	--	--	--	--	--	--	--
	beta-BHC	µg/kg	54,700	BCL	--	--	--	--	2	2	2	100	--	--	1,200 J	1,300 J	1,200	1,200	71	0.057	EE-E08A-1	0	--
	delta-BHC	µg/kg	333,000	BCL	--	--	--	--	2	2	0	0	<160	<170	--	--	--	--	--	--	--	--	--
	gamma-BHC	µg/kg	11,100	BCL	--	--	--	--	2	2	0	0	<180	<180	--	--	--	--	--	--	--	--	--
	Chlordane (total)	µg/kg	--	--	--	--	--	--	2	2	0	0	<1,300	<1,400	--	--	--	--	--	--	--	--	--
	alpha-Chlordane	µg/kg	500,000	RSL	--	--	--	--	2	2	0	0	<210	<210	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	µg/kg	500,000	RSL	--	--	--	--	2	2	0	0	<55	<55	--	--	--	--	--	--	--	--	--
	4,4'-DDD	µg/kg	14,700	BCL	--	--	--	--	2	2	0	0	<270	<270	--	--	--	--	--	--	--	--	--
	4,4'-DDE	µg/kg	10,300	BCL	--	--	--	--	2	2	0	0	<230	<230	--	--	--	--	--	--	--	--	--
	4,4'-DDT	µg/kg	10,600	BCL	--	--	--	--	2	2	0	0	<410	<420	--	--	--	--	--	--	--	--	--
	Dieldrin	µg/kg	220	BCL	--	--	--	--	2	2	0	0	<94	<95	--	--	--	--	--	--	--	--	--
	Endosulfan I	µg/kg	--	--	--	--	--	--	2	2	0	0	<54	<54	--	--	--	--	--	--	--	--	--
	Endosulfan II	µg/kg	--	--	--	--	--	--	2	2	0	0	<100	<100	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	µg/kg	4,900,000	RSL	--	--	--	--	2	2	0	0	<95	<96	--	--	--	--	--	--	--	--	--
	Endrin	µg/kg	274,000	BCL	--	--	--	--	2	2	0	0	<110	<110	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	µg/kg	--	--	--	--	--	--	2	2	0	0	<110	<110	--	--	--	--	--	--	--	--	--
	Endrin ketone	µg/kg	--	--	--	--	--	--	2	2	0	0	<350	<350	--	--	--	--	--	--	--	--	--
	Heptachlor	µg/kg	696	BCL	--	--	--	--	2	2	1	50	<200	<200	930 J	930 J	930	930	--	--	EE-E08A-1	1	1.3
	Heptachlor epoxide	µg/kg	366	BCL	--	--	--	--	2	2	0	0	<120	<120	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	2	2	2	100	--	--	39,000	40,000	40,000	40,000	710	0.018	EE-E08A-1	2	170
	Methoxychlor	µg/kg	4,560,000	BCL	--	--	--	--	2	2	0	0	<1,300	<1,400	--	--	--	--	--	--	--	--	--
	Toxaphene	µg/kg	3,210	BCL	--	--	--	--	2	2	0	0	<21,000	<21,000	--	--	--	--	--	--	--	--	--
Asbestos	Long Amphibole Protocol Structures Count	s/samp	0	SS	--	--	--	--	3	3	0	0	0	0	--	--	--	--	--	--	--	--	N/A
	Long Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	3	3	1	33.3	0	0	2	2	2	2	--	--	SSAM5-05	--	--
	Long Chrysotile Protocol Structures Count	s/samp	5	SS	--	--	--	--	3	3	1	33.3	0	0	2	2	2	2	--	--	SSAM5-05	0	--
	Short Amphibole Structures Counts	s/samp	--	--	--	--	--	--	3	3	0	0	0	0	--	--	--	--	--	--	--	--	--
	Short Asbestos Structures Counts	s/samp	--	--	--	--	--	--	3	3	1	33.3	0	0	1	1	1	1	--	--	SSAM5-05	--	--
	Short Chrysotile Structures Counts	s/samp	--	--	--	--	--	--	3	3	1	33.3	0	0	1	1	1	1	--	--	SSAM5-05	--	--
	Total Amphibole Protocol Structures Count	s/samp	--	--	--	--	--	--	3	3	0	0	0	0	--	--	--	--	--	--	--	--	--
	Total Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	3	3	1	33.3	0	0	3	3	3	3	--	--	SSAM5-05	--	--
	Total Chrysotile Protocol Structures Count	s/samp	--	--	--	--	--	--	3	3	1	33.3	0	0	3	3	3	3	--	--	SSAM5-05	--	--

Notes:

1. Health-based soil screening levels (HSSLs).

Sources:

[1] NDEP. 2025. User's Guide and Background Technical Document

TABLE 4-15a. STATISTICAL SUMMARY OF ECA C16 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects								
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL

SS: Site-specific values for Arsenic and Dioxin/Furan Toxicity Equivalence (TEQ).

BCL: Lowest level among all available indoor and outdoor industrial worker Basic Comparison Levels (BCLs), NDEP 2025.

RSL: Regional Screening Levels for industrial soil, USEPA 2024.

No detections, or maximum detected concentration is below HSSL (if available).

No HSSL available.

Radionuclides were determined to be consistent with background or natural concentration of uranium metal across OU-1.

Essential Nutrient, macronutrient or salt.

Individual VOCs were used to evaluate the nature and extent of impacts in soil from these compounds.

[1] NDEP. 2025. Updated Industrial Soil Screening Levels for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 17, July.

[2] USEPA. 2024. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund sites. November.

[3] NDEP. 2010. NDEP Response to Background Issues and Determination of Background Dataset for TRX. August 17.

[4] TIMET/BRC. 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity.

TABLE 4-15b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA C16
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Lead (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	800	696	231
Pre-Excavation	SSAM5-05	0 - 0.2	9/28/2010	0	**2**	--	--	--	--	--	--	--	--
		0 - 0.5	9/17/2010	--	--	**110**	**390**	**3,900**	--	--	--	--	--
		1 - 2	9/16/2010	--	--	**44**	**180**	**1,400**	**180 J+**	--	--	--	--
			9/16/2010 (FD)	--	--	**47**	**210**	**1,600**	**180 J+**	--	--	--	--
		4 - 5	9/16/2010	--	--	<0.078	**0.28 J**	**0.48**	--	--	--	--	--
		5 - 6	9/16/2010	--	--	--	--	--	**440 J+**	--	--	--	--
		10 - 11	9/16/2010	--	--	--	--	--	**4,900 J+**	--	--	--	--
	SSAM6-05	0 - 0.2	9/28/2010	0	0	--	--	--	--	--	--	--	--
		0 - 0.5	9/17/2010	--	--	**31**	**100**	**1,000**	--	--	--	--	--
		1 - 2	9/16/2010	--	--	**8.8**	**38**	**340**	**9,500 J+**	--	--	--	--
		4 - 5	9/16/2010	--	--	<0.073	<0.11	**0.24**	--	--	--	--	--
		5 - 6	9/16/2010	--	--	--	--	--	**3,700 J+**	--	--	--	--
		10 - 11	9/16/2010	--	--	--	--	--	**4,200 J+**	--	--	--	--
	SSAM6-06	0 - 0.2	9/28/2010	0	0	--	--	--	--	--	--	--	--
		0 - 0.5	9/17/2010	--	--	**200**	**1,300**	**7,900**	--	--	--	--	--
		1 - 2	9/16/2010	--	--	**6.8**	**28**	**260**	**4,200 J+**	--	--	--	--
		4 - 5	9/16/2010	--	--	<0.079	**0.095 JK**	**0.24**	--	--	--	--	--
		5 - 6	9/16/2010	--	--	--	--	--	**3,400 J+**	--	--	--	--
		10 - 11	9/16/2010	--	--	--	--	--	**2,000 J+**	--	--	--	--
2011 Removal Action	CS-C30-1	4	5/04/2011	--	--	**88 J**	**400 J**	--	**4,720**	--	--	--	--
	EE-E08A-1	2	5/04/2011	--	--	<550	**2,100 J**	--	**2,050 J**	**47.8**	**86.9**	<200	**39,000**
			5/04/2011 (FD)	--	--	**770 J**	**1,700 J**	--	**818 J**	**49.0**	**94.7**	**930 J**	**40,000**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram
pg/g: picograms per gram
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

TABLE 4-16a. STATISTICAL SUMMARY OF ECA GROUP C17/C19 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
General Chemistry	Ammonia	mg/kg	27,900	BCL	--	--	--	--	6	2	2	33.3	<0.061	<0.12	0.47 J	0.85 J+	0.66	0.66	0.27	0.4	SA-160	0	--
	Bromide	mg/kg	--	--	--	--	--	--	6	2	1	16.7	<0.2	<0.2	0.7 J	0.7 J	0.7	0.7	--	--	SA-160	--	--
	Carbonate as CO_3	mg/kg	--	--	--	--	--	--	6	2	4	66.7	<3	<3	4 J	10 J	8.5	7.8	2.6	0.34	SA-160	--	--
	Chlorate	mg/kg	38,900	BCL	--	--	--	--	6	2	6	100	--	--	0.075 J	4.73	0.74	1.8	2.3	1.2	SA-160	0	--
	Chloride	mg/kg	--	--	--	--	--	--	6	2	6	100	--	--	14.2	196 J+	110	110	84	0.79	SA-160	--	--
	Cyanide (total)	mg/kg	164	BCL	--	--	--	--	1	0	1	100	--	--	0.50 J	0.50 J	0.5	0.5	--	--	RSAN8	0	--
	Nitrate (as NO_3)	mg/kg	100,000	BCL	--	--	--	--	6	2	6	100	--	--	11 J+	54 J+	25	27	16	0.58	SA-139	0	--
	Nitrite	mg/kg	120,000	RSL	--	--	--	--	6	2	2	33.3	<0.08	<0.08	0.08 J	0.17	0.12	0.12	0.064	0.51	SA-160	0	--
	Perchlorate	mg/kg	908	BCL	--	--	--	--	6	2	6	100	--	--	0.16	5.83	3.3	3.1	2.6	0.83	SA-139	0	--
	Sulfate	mg/kg	--	--	--	--	--	--	6	2	6	100	--	--	92.1 J+	3,910	450	980	1,500	1.5	SA-139	--	--
Metals	Aluminum	mg/kg	100,000	BCL	7,340	11,400	3,740 J	15,300 J	6	2	6	100	--	--	8,730	10,500	9,600	9,600	750	0.079	SA-61	0	--
	Antimony	mg/kg	3,450	BCL	0.5 UJ	3.4	0.12 J-	0.5 J-	6	2	2	33.3	0.5 UJ	0.5 UJ	0.6 J-	0.7 J-	0.65	0.65	0.071	0.11	RSAN8	0	--
	Arsenic	mg/kg	7.2	SS	1.6	4.25	2.5	7.2 J	10	6	10	100	--	--	1.81	6.85 J	4	4.4	2	0.44	SA-139	0	--
	Barium	mg/kg	100,000	BCL	111	213	73	445 J	6	2	6	100	--	--	164	394 J	210	250	100	0.41	SA-160	0	--
	Beryllium	mg/kg	6,130	BCL	0.362	0.588 J	0.16 J	0.89	6	2	6	100	--	--	0.466	0.59	0.5	0.51	0.044	0.087	SA-139	0	--
	Boron	mg/kg	100,000	BCL	3.6 J	11.7	<3.2	11.6 J+	6	2	6	100	--	--	9.7 J	48.9	19	24	16	0.66	SA-61	0	--
	Cadmium	mg/kg	8,180	BCL	<0.04	0.48	<0.129	<0.129	6	2	4	66.7	<0.04	<0.04	0.1	0.37	0.24	0.24	0.14	0.59	SA-160	0	--
	Calcium	mg/kg	--	--	--	--	9,440	82,800 J	6	2	6	100	--	--	16,200	29,400 J	23,000	23,000	4,300	0.19	RSAN8	--	--
	Chromium (total)	mg/kg	--	--	5.57	10.7 J	2.6	16.7	6	2	6	100	--	--	7.07	11.4	9.1	9.2	1.9	0.21	SA-160	--	--
	Chromium VI	mg/kg	564	BCL	<0.18	0.29 J	<0.25	<0.32	6	2	2	33.3	<0.18	<0.20	0.32 J	0.58	0.45	0.45	0.18	0.41	SA-160	0	--
	Cobalt	mg/kg	385	BCL	5.4	9.1	3.7 J	16.3 J	9	5	9	100	--	--	8.4 J	65	14	27	23	0.83	SSAN8-03	0	--
	Copper	mg/kg	51,900	BCL	15.8	140	10.2	25.9 J	6	2	6	100	--	--	20.7 J	68.9	46	43	18	0.43	SA-61	0	--
	Iron	mg/kg	100,000	BCL	11,300	20,600	5,410	19,700	6	2	6	100	--	--	13,300	18,900	15,000	16,000	2,200	0.14	SA-61	0	--
	Lead	mg/kg	800	BCL	7.1	72.8	3 J	35.1	7	3	7	100	--	--	8.9	34.6 J	22	20	11	0.52	SA-160	0	--
	Magnesium	mg/kg	100,000	BCL	7,700	13,000	4,690 J	17,500 J	6	2	6	100	--	--	8,890	11,800	10,000	10,000	1,000	0.1	SA-160	0	--
	Manganese	mg/kg	100,000	BCL	262	537	151	863 J	11	6	11	100	--	--	520	5,320 J	1,200	1,900	1,700	0.9	SA-160	0	--
	Mercury	mg/kg	3.13	BCL	0.006 J	0.362	<0.0072	0.11	6	2	6	100	--	--	0.015 J	0.082	0.025	0.034	0.025	0.75	SA-160	0	--
	Molybdenum	mg/kg	6,490	BCL	<0.31	32.7	0.3 J	2	6	2	6	100	--	--	0.51 J	1.44 J	0.94	0.98	0.41	0.42	SA-160	0	--
	Nickel	mg/kg	50,300	BCL	12.7	21.4	7.9 J	30 J	6	2	6	100	--	--	14.2 J	37.9 J-	21	23	9.5	0.41	SA-139	0	--
	Phosphorus (total)	mg/kg	100,000	BCL	--	--	862	2,010	6	2	6	100	--	--	793	2,480	1,100	1,400	680	0.5	SA-61	0	--
	Platinum	mg/kg	5,190	BCL	0.006 J	<0.11	<0.0435	0.099 J	6	2	5	83.3	<0.01	<0.01	0.009 J	0.018 J	0.016	0.014	0.004	0.29	SA-160	0	--
	Potassium	mg/kg	--	--	1,450	4,210	625	3,890	6	2	6	100	--	--	1,520	3,170	2,300	2,300	540	0.24	SA-61	--	--
	Selenium	mg/kg	6,490	BCL	<0.7	<4.3	<0.158	0.6	6	2	0	0	<0.7	<0.8	--	--	--	--	--	--	--	--	--
	Silver	mg/kg	100,000	BCL	<0.2	<0.2	<0.261	<0.261	6	2	1	16.7	<0.2	<0.2	0.6	0.6	0.6	0.6	--	--	SA-160	0	--
	Sodium	mg/kg	--	--	307	1,050	128	1,320	6	2	6	100	--	--	342	872	680	630	220	0.34	SA-61	--	--
	Strontium	mg/kg	100,000	BCL	129	339	75.5	808 J	6	2	6	100	--	--	131	229	180	180	38	0.21	SA-61	0	--
	Thallium	mg/kg	13	BCL	0.071	0.193 J	<0.543	1.8	6	2	6	100	--	--	0.088 J	0.465 J	0.26	0.26	0.17	0.65	SA-160	0	--
	Tin	mg/kg	100,000	BCL	<10.2	<11	0.24 J	0.8 J	6	2	6	100	--	--	3.7 J	4.8 J	4.2	4.3	0.4	0.094	SA-139	0	--
	Titanium	mg/kg	100,000	BCL	480	1,080	262	1,010 J	6	2	6	100	--	--	566	1,190 J-	860	860	210	0.25	SA-61	0	--
	Tungsten	mg/kg	1,040	BCL	<0.11	0.62	0.0175 UJ	0.0175 UJ	6	2	6	100	--	--	0.32 J	3.52 J	0.83	1.5	1.4	0.98	RSAN8	0	--
	Uranium (total)	mg/kg	3,830	BCL	0.655	1.94	0.62 J	2.7	6	2	6	100	--	--	0.977	1.65	1.1	1.2	0.24	0.21	SA-61	0	--
	Vanadium	mg/kg	100,000	BCL	28	54.9	20.2	59.1 J	6	2	6	100	--	--	33.6	55.6 J	47	47	8.7	0.19	SA-160	0	--
	Zinc	mg/kg	100,000	BCL	25.8	254	15.4	121	6	2	6	100	--	--	31.1	63.2	42	46	13	0.28	SA-160	0	--
Radionuclides	Radium-226	pCi/g	0.023	BCL	--	--	0.494 J	2.36	6	2	6	100	--	--	0.544	1.52	0.81	0.89	0.35	0.39	SA-61	6	66
	Radium-228	pCi/g	0.046	BCL	--	--	0.946 U	2.92	6	2	6	100	--	--	0.936	1.52	1.1	1.2	0.2	0.17	SA-61	6	33
	Thorium-228	pCi/g	0.026	BCL	--	--	1.15	2.28	6	2	6	100	--	--	1.44	1.92	1.8	1.7	0.2	0.11	SA-139	6	74
	Thorium-230	pCi/g	14	BCL	--	--	0.73 J	3.01	6	2	6	100	--	--	0.746	1.29	0.99	1	0.21	0.2	SA-61	0	--
	Thorium-232	pCi/g	13	BCL	--	--	1.22	2.23	6	2	6	100	--	--	1.25	1.84	1.6	1.6	0.21	0.14	SA-61	0	--
	Uranium-234	pCi/g	18	BCL	--	--	0.63 U	2.84	6	2	6	100	--	--	0.961	1.26	1	1.1	0.12	0.11	SA-61	0	--
	Uranium-235	pCi/g	0.33	BCL	--	--	0.0009	0.21 J	6	2	6	100	--	--	0.0404 U	0.0694	0.05	0.054	0.012	0.23	SA-61	0	--
	Uranium-238	pCi/g	1.5	BCL	--	--	0.65 J	2.37	6	2	6	100	--	--	0.959	1.33	1.1	1.1	0.15	0.13	SA-61	0	--
VOCs	Acetone	µg/kg	100,000,000	BCL	--	--	--	--	9	4	8	88.9	<3.3	<3.3	4.9 J	54	16	20	16	0.8	SA-160	0	--
	t-Amyl methyl ether	µg/kg	--	--	--	--	--	--	9	4	0	0	<0.096	<1.2	--	--	--	--	--	--	--	--	--
	Benzene	µg/kg	5,310	BCL	--	--	--	--	9	4	0	0	<0.23	<0.56	--	--	--	--	--	--	--	--	--
	Bromobenzene	µg/kg	679,000	BCL	--	--	--	--	9	4	0	0	<0.26	<0.50	--	--	--	--	--	--	--	--	--
	Bromochloromethane	µg/kg	628,000	BCL	--	--	--	--	9	4	0	0	<0.16	<0.50	--	--	--	--	--	--	--	--	--

TABLE 4-16a. STATISTICAL SUMMARY OF ECA GROUP C17/C19 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	Bromodichloromethane	µg/kg	1,300	BCL	--	--	--	--	9	4	0	0	<0.12	<0.62	--	--	--	--	--	--	--	--	--
	Bromoform	µg/kg	95,300	BCL	--	--	--	--	9	4	0	0	<0.12	<0.51	--	--	--	--	--	--	--	--	--
	Bromomethane	µg/kg	30,300	BCL	--	--	--	--	9	4	0	0	<0.27	<0.94	--	--	--	--	--	--	--	--	--
	2-Butanone	µg/kg	28,400,000	BCL	--	--	--	--	9	4	5	55.6	<0.67	<1.1	0.96 J	8.8 J	1.8	2.9	3.3	1.2	SSAN8-05	0	--
	n-Butylbenzene	µg/kg	108,000	BCL	--	--	--	--	9	4	0	0	<0.30	<0.92	--	--	--	--	--	--	--	--	--
	sec-Butylbenzene	µg/kg	145,000	BCL	--	--	--	--	9	4	0	0	<0.41	<0.78	--	--	--	--	--	--	--	--	--
	tert-Butylbenzene	µg/kg	183,000	BCL	--	--	--	--	9	4	0	0	<0.27	<0.66	--	--	--	--	--	--	--	--	--
	Carbon tetrachloride	µg/kg	2,960	BCL	--	--	--	--	9	4	0	0	<0.34	<0.54	--	--	--	--	--	--	--	--	--
	Chlorobenzene	µg/kg	1,370,000	BCL	--	--	--	--	9	4	0	0	<0.24	<0.58	--	--	--	--	--	--	--	--	--
	Chloroethane	µg/kg	2,120,000	BCL	--	--	--	--	9	4	0	0	<0.42	<0.69	--	--	--	--	--	--	--	--	--
	Chloroform	µg/kg	1,390	BCL	--	--	--	--	9	4	1	11.1	<0.16	<0.52	0.97 J	0.97 J	0.97	0.97	--	--	SA-61	0	--
	Chloromethane	µg/kg	464,000	BCL	--	--	--	--	9	4	0	0	<0.33	<0.69	--	--	--	--	--	--	--	--	--
	2-Chlorotoluene	µg/kg	907,000	BCL	--	--	--	--	9	4	0	0	<0.27	<0.74	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	µg/kg	26,000,000	BCL	--	--	--	--	9	4	0	0	<0.42	<0.65	--	--	--	--	--	--	--	--	--
	Cumene	µg/kg	10,400,000	BCL	--	--	--	--	9	4	0	0	<0.31	<0.60	--	--	--	--	--	--	--	--	--
	p-Cymene	µg/kg	147,000	BCL	--	--	--	--	9	4	0	0	<0.26	<0.77	--	--	--	--	--	--	--	--	--
	1,2-Dibromo-3-chloropropane	µg/kg	64.9	BCL	--	--	--	--	9	4	0	0	<0.32	<0.83	--	--	--	--	--	--	--	--	--
	Dibromochloromethane	µg/kg	43,300	BCL	--	--	--	--	9	4	0	0	<0.29	<0.44	--	--	--	--	--	--	--	--	--
	1,2-Dibromoethane	µg/kg	168	BCL	--	--	--	--	9	4	0	0	<0.27	<0.40	--	--	--	--	--	--	--	--	--
	Dibromomethane	µg/kg	98,900	BCL	--	--	--	--	9	4	0	0	<0.29	<0.65	--	--	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	µg/kg	376,000	BCL	--	--	--	--	9	4	0	0	<0.24	<0.47	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	µg/kg	373,000	BCL	--	--	--	--	9	4	0	0	<0.26	<0.63	--	--	--	--	--	--	--	--	--
	1,4-Dichlorobenzene	µg/kg	11,500	BCL	--	--	--	--	9	4	0	0	<0.42	<0.84	--	--	--	--	--	--	--	--	--
	Dichlorodifluoromethane	µg/kg	368,000	BCL	--	--	--	--	9	4	0	0	<0.28	<0.63	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethane	µg/kg	15,800	BCL	--	--	--	--	9	4	0	0	<0.11	<0.56	--	--	--	--	--	--	--	--	--
	1,2-Dichloroethane	µg/kg	2,100	BCL	--	--	--	--	9	4	0	0	<0.28	<0.54	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethene	µg/kg	20,000	BCL	--	--	--	--	9	4	1	11.1	<0.32	<0.45	0.71 J	0.71 J	0.71	0.71	--	--	SSAN8-05	0	--
	cis-1,2-Dichloroethene	µg/kg	400,000	BCL	--	--	--	--	9	4	0	0	<0.24	<0.43	--	--	--	--	--	--	--	--	--
	trans-1,2-Dichloroethene	µg/kg	304,000	BCL	--	--	--	--	9	4	0	0	<0.21	<0.63	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	µg/kg	11,700	BCL	--	--	--	--	9	4	0	0	<0.28	<0.47	--	--	--	--	--	--	--	--	--
	1,3-Dichloropropane	µg/kg	26,000,000	BCL	--	--	--	--	9	4	0	0	<0.27	<0.44	--	--	--	--	--	--	--	--	--
	2,2-Dichloropropane	µg/kg	--	--	--	--	--	--	9	4	0	0	<0.24	<0.40	--	--	--	--	--	--	--	--	--
	1,1-Dichloropropene	µg/kg	--	--	--	--	--	--	9	4	0	0	<0.29	<0.48	--	--	--	--	--	--	--	--	--
	cis-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	9	4	0	0	<0.30	<1.0	--	--	--	--	--	--	--	--	--
	trans-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	9	4	0	0	<0.33	<0.52	--	--	--	--	--	--	--	--	--
	Diisopropyl ether	µg/kg	2,260,000	BCL	--	--	--	--	9	4	0	0	<0.21	<2.1	--	--	--	--	--	--	--	--	--
	Ethyl benzene	µg/kg	26,600	BCL	--	--	--	--	6	2	0	0	<0.77	<1.1	--	--	--	--	--	--	--	--	--
	Ethyl tert-butyl ether	µg/kg	560,000	RSL	--	--	--	--	9	4	0	0	<0.21	<3.3	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	µg/kg	5,610	BCL	--	--	--	--	9	4	0	0	<0.30	<0.90	--	--	--	--	--	--	--	--	--
	2-Hexanone	µg/kg	1,490,000	BCL	--	--	--	--	9	4	0	0	<0.62	<3.8	--	--	--	--	--	--	--	--	--
	Methyl tert-butyl ether	µg/kg	217,000	BCL	--	--	--	--	9	4	0	0	<0.18	<0.38	--	--	--	--	--	--	--	--	--
	Methylene Chloride	µg/kg	1,130,000	BCL	--	--	--	--	9	4	4	44.4	<0.34	<0.46	0.52 J	1.7 J	1.1	1.1	0.56	0.52	SA-61	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	9	4	0	0	<0.34	<1.1	--	--	--	--	--	--	--	--	--
	4-Methyl-2-pentanone	µg/kg	3,360,000	BCL	--	--	--	--	9	4	0	0	<0.57	<3.4	--	--	--	--	--	--	--	--	--
	n-Propylbenzene	µg/kg	264,000	BCL	--	--	--	--	9	4	0	0	<0.31	<0.62	--	--	--	--	--	--	--	--	--
	Styrene	µg/kg	867,000	BCL	--	--	--	--	9	4	0	0	<0.31	<0.54	--	--	--	--	--	--	--	--	--
	1,1,1,2-Tetrachloroethane	µg/kg	9,070	BCL	--	--	--	--	9	4	0	0	<0.25	<0.43	--	--	--	--	--	--	--	--	--
	1,1,2,2-Tetrachloroethane	µg/kg	2,910	BCL	--	--	--	--	9	4	0	0	<0.33	<0.48	--	--	--	--	--	--	--	--	--
	Tetrachloroethene	µg/kg	107,000	BCL	--	--	--	--	9	4	0	0	<0.32	<0.59	--	--	--	--	--	--	--	--	--
	Toluene	µg/kg	818,000	BCL	--	--	--	--	9	4	5	55.6	<0.34	<0.53	0.35 J	0.93 J	0.55	0.62	0.28	0.46	SA-61	0	--
	1,2,3-Trichlorobenzene	µg/kg	151,000	BCL	--	--	--	--	9	4	0	0	<0.40	<0.87	--	--	--	--	--	--	--	--	--
	1,2,4-Trichlorobenzene	µg/kg	125,000	BCL	--	--	--	--	9	4	0	0	<0.39	<1.1	--	--	--	--	--	--	--	--	--
	1,1,1-Trichloroethane	µg/kg	640,000	BCL	--	--	--	--	9	4	0	0	<0.19	<0.40	--	--	--	--	--	--	--	--	--
	1,1,2-Trichloroethane	µg/kg	5,280	BCL	--	--	--	--	9	4	0	0	<0.25	<0.70	--	--	--	--	--	--	--	--	--
	Trichloroethene	µg/kg	6,310	BCL	--	--	--	--	9	4	0	0	<0.12	<0.48	--	--	--	--	--	--	--	--	--
	Trichlorofluoromethane	µg/kg	1,230,000	BCL	--	--	--	--	9	4	0	0	<0.29	<0.81	--	--	--	--	--	--	--	--	--

TABLE 4-16a. STATISTICAL SUMMARY OF ECA GROUP C17/C19 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	1,2,3-Trichloropropane	µg/kg	121	BCL	--	--	--	--	9	4	0	0	<0.44	<0.64	--	--	--	--	--	--	--	--	--
	1,2,4-Trimethylbenzene	µg/kg	219,000	BCL	--	--	--	--	9	4	0	0	<0.31	<0.75	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	µg/kg	182,000	BCL	--	--	--	--	9	4	0	0	<0.31	<0.63	--	--	--	--	--	--	--	--	--
	Vinyl chloride	µg/kg	1,870	BCL	--	--	--	--	9	4	0	0	<0.25	<1.0	--	--	--	--	--	--	--	--	--
	m,p-Xylene	µg/kg	--	--	--	--	--	--	9	4	1	11.1	<0.56	<0.97	2.6 J	2.6 J	2.6	2.6	--	--	SA-160	--	--
	o-Xylene	µg/kg	434,000	BCL	--	--	--	--	9	4	0	0	<0.33	<0.76	--	--	--	--	--	--	--	--	--
	tert Butyl alcohol	µg/kg	7,270,000	BCL	--	--	--	--	9	4	0	0	<6.1	10 UJ	--	--	--	--	--	--	--	--	--
SVOCs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	2	1	0	0	<0.99	<10	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	2	1	0	0	<0.73	<17	--	--	--	--	--	--	--	--	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	2	1	0	0	<1.2	<17	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	2	1	1	50	<20	<20	6.1 J	6.1 J	6.1	6.1	--	--	RSAN8	0	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	2	1	1	50	<20	<20	6.4 J	6.4 J	6.4	6.4	--	--	RSAN8	0	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	2	1	1	50	<27	<27	7.4	7.4	7.4	7.4	--	--	RSAN8	0	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	2	1	1	50	<16	<16	5.4 J	5.4 J	5.4	5.4	--	--	RSAN8	0	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	2	1	1	50	<41	<41	7.8	7.8	7.8	7.8	--	--	RSAN8	0	--
	Butylbenzylphthalate	µg/kg	1,860,000	BCL	--	--	--	--	2	1	0	0	<2.3	<44	--	--	--	--	--	--	--	--	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	2	1	1	50	<27	<27	14	14	14	14	--	--	RSAN8	0	--
	Di-n-butylphthalate	µg/kg	91,200,000	BCL	--	--	--	--	2	1	0	0	<29	<33	--	--	--	--	--	--	--	--	--
	Di-n-octylphthalate	µg/kg	9,120,000	BCL	--	--	--	--	2	1	0	0	<1.1	<15	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	2	1	0	0	<0.76	<19	--	--	--	--	--	--	--	--	--
	Diethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	2	1	0	0	<26	<120	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	2	1	0	0	<0.88	<23	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	µg/kg	27,200	BCL	--	--	--	--	2	1	0	0	4.9 UJ	<67	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	2	1	1	50	<37	<37	19	19	19	19	--	--	RSAN8	0	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	2	1	0	0	<0.68	<18	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	2	1	1	50	<29	<29	42	42	42	42	--	--	RSAN8	0	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	2	1	1	50	<22	<22	5.1 J	5.1 J	5.1	5.1	--	--	RSAN8	0	--
	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	2	1	1	50	<19	<19	3.0 J	3.0 J	3	3	--	--	RSAN8	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	2	1	1	50	<32	<32	5.4 J	5.4 J	5.4	5.4	--	--	RSAN8	0	--
	Nitrobenzene	µg/kg	22,500	BCL	--	--	--	--	2	1	0	0	<1.8	<22	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	µg/kg	--	--	--	--	--	--	2	1	1	50	<58	<58	6.8	6.8	6.8	6.8	--	--	RSAN8	--	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	2	1	1	50	<17	<17	17	17	17	17	--	--	RSAN8	0	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	2	1	2	100	--	--	9.1	21 J	15	15	8.4	0.56	SSAN8-03	0	--
	Pyridine	µg/kg	1,300,000	BCL	--	--	--	--	2	1	0	0	<27	<130	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	µg/kg	252,000	BCL	--	--	--	--	2	1	0	0	<47	<130	--	--	--	--	--	--	--	--	--
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	26.7	BCL	--	--	--	--	3	2	3	100	--	--	0.171 JK	1.7	0.61	0.83	0.79	0.95	SA-160	0	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	3	2	3	100	--	--	0.584 J	3.2	2.1	2	1.3	0.67	SA-160	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	3	2	3	100	--	--	0.283 JK	1.7 J	1.4	1.1	0.75	0.66	SA-160	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	3	2	3	100	--	--	0.728 J	3.7	2.7	2.4	1.5	0.64	SA-160	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	581	BCL	--	--	--	--	3	2	3	100	--	--	0.687 JK	3.5	2.1	2.1	1.4	0.67	SA-160	0	--
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	3	2	3	100	--	--	3.26	11	8	7.4	3.9	0.53	SA-160	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	3	2	3	100	--	--	9.30	21	11	14	6.3	0.46	SA-160	--	--
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	--	--	--	--	--	--	3	2	3	100	--	--	2.75	38	18	20	18	0.9	SA-160	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	3	2	3	100	--	--	6.08	43	28	26	19	0.72	SA-160	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	3	2	3	100	--	--	3.19	28	14	15	12	0.83	SA-160	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	3	2	3	100	--	--	13.0	52	44	36	21	0.57	SA-160	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	3	2	3	100	--	--	8.20	35	31	25	14	0.58	SA-160	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	3	2	3	100	--	--	1.33 JK	6.5	5.3	4.4	2.7	0.62	SA-160	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	3	2	3	100	--	--	5.01	11	8.2	8.1	3	0.37	SA-160	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	3	2	3	100	--	--	29.7	90	72	64	31	0.48	RSAN8	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	3	2	3	100	--	--	12.0	45	39	32	18	0.55	RSAN8	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	pg/g	--	--	--	--	--	--	3	2	3	100	--	--	195	380	330	300	96	0.32	SA-160	--	--
	Total Dioxin/Furan TEQ (Calculated)	pg/g	2,700	SS	--	--	--	--	1	1	1	100	--	--	5.6	5.6	5.6	5.6	--	--	SA-61	0	--
Pesticides - OCPs	Aldrin	µg/kg	205	BCL	--	--	--	--	1	0	0	0	<1.8	<1.8	--	--	--	--	--	--	--	--	--
	alpha-BHC	µg/kg	274,000	BCL	--	--	--	--	1	0	0	0	<1.8	<1.8	--	--	--	--	--	--	--	--	--
	beta-BHC	µg/kg	54,700	BCL	--	--	--	--	1	0	1	100	--	--	14	14	14	14	--	--	RSAN8	0	--

TABLE 4-16a. STATISTICAL SUMMARY OF ECA GROUP C17/C19 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Pesticides - OCPs	delta-BHC	µg/kg	333,000	BCL	--	--	--	--	1	0	0	0	<1.8	<1.8	--	--	--	--	--	--	--	--	--
	gamma-BHC	µg/kg	11,100	BCL	--	--	--	--	1	0	0	0	<1.8	<1.8	--	--	--	--	--	--	--	--	--
	Chlordane (total)	µg/kg	--	--	--	--	--	--	1	0	0	0	<8.5	<8.5	--	--	--	--	--	--	--	--	--
	alpha-Chlordane	µg/kg	500,000	RSL	--	--	--	--	1	0	0	0	<1.8	<1.8	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	µg/kg	500,000	RSL	--	--	--	--	1	0	1	100	--	--	3.9	3.9	3.9	3.9	--	--	RSAN8	0	--
	4,4'-DDD	µg/kg	14,700	BCL	--	--	--	--	1	0	0	0	<3.4	<3.4	--	--	--	--	--	--	--	--	--
	4,4'-DDE	µg/kg	10,300	BCL	--	--	--	--	1	0	1	100	--	--	27	27	27	27	--	--	RSAN8	0	--
	4,4'-DDT	µg/kg	10,600	BCL	--	--	--	--	1	0	1	100	--	--	6.6 J	6.6 J	6.6	6.6	--	--	RSAN8	0	--
	Dieldrin	µg/kg	220	BCL	--	--	--	--	1	0	0	0	<3.4	<3.4	--	--	--	--	--	--	--	--	--
	Endosulfan I	µg/kg	--	--	--	--	--	--	1	0	0	0	<1.8	<1.8	--	--	--	--	--	--	--	--	--
	Endosulfan II	µg/kg	--	--	--	--	--	--	1	0	0	0	<3.4	<3.4	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	µg/kg	4,900,000	RSL	--	--	--	--	1	0	0	0	<3.4	<3.4	--	--	--	--	--	--	--	--	--
	Endrin	µg/kg	274,000	BCL	--	--	--	--	1	0	0	0	<3.4	<3.4	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	µg/kg	--	--	--	--	--	--	1	0	0	0	<3.4	<3.4	--	--	--	--	--	--	--	--	--
	Endrin ketone	µg/kg	--	--	--	--	--	--	1	0	0	0	<3.4	<3.4	--	--	--	--	--	--	--	--	--
	Heptachlor	µg/kg	696	BCL	--	--	--	--	1	0	0	0	<1.8	<1.8	--	--	--	--	--	--	--	--	--
	Heptachlor epoxide	µg/kg	366	BCL	--	--	--	--	1	0	0	0	<1.8	<1.8	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	1	0	1	100	--	--	40	40	40	40	--	--	RSAN8	0	--
	Methoxychlor	µg/kg	4,560,000	BCL	--	--	--	--	1	0	1	100	--	--	18 J	18 J	18	18	--	--	RSAN8	0	--
	Toxaphene	µg/kg	3,210	BCL	--	--	--	--	1	0	0	0	<34	<34	--	--	--	--	--	--	--	--	--
Petroleum Indicators	Petroleum Hydrocarbons	mg/kg	--	--	--	--	--	--	1	0	0	0	<41	<41	--	--	--	--	--	--	--	--	--
	Gasoline Range Organics	mg/kg	--	--	--	--	--	--	2	1	0	0	<3.0	<5.0	--	--	--	--	--	--	--	--	--
	Diesel Range Organics	mg/kg	--	--	--	--	--	--	1	0	0	0	<41	<41	--	--	--	--	--	--	--	--	--
Asbestos	Long Amphibole Protocol Structures Count	s/samp	0	SS	--	--	--	--	4	2	0	0	0	0	--	--	--	--	--	--	--	--	N/A
	Long Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	4	2	0	0	0	0	--	--	--	--	--	--	--	--	--
	Long Chrysotile Protocol Structures Count	s/samp	5	SS	--	--	--	--	4	2	0	0	0	0	--	--	--	--	--	--	--	--	--
	Short Amphibole Structures Counts	s/samp	--	--	--	--	--	--	4	2	0	0	0	0	--	--	--	--	--	--	--	--	--
	Short Asbestos Structures Counts	s/samp	--	--	--	--	--	--	4	2	0	0	0	0	--	--	--	--	--	--	--	--	--
	Short Chrysotile Structures Counts	s/samp	--	--	--	--	--	--	4	2	0	0	0	0	--	--	--	--	--	--	--	--	--
	Total Amphibole Protocol Structures Count	s/samp	--	--	--	--	--	--	4	2	0	0	0	0	--	--	--	--	--	--	--	--	--
	Total Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	4	2	0	0	0	0	--	--	--	--	--	--	--	--	--
	Total Chrysotile Protocol Structures Count	s/samp	--	--	--	--	--	--	4	2	0	0	0	0	--	--	--	--	--	--	--	--	--

Notes:

1. Health-based soil screening levels (HSSLs).
   SS: Site-specific values for Arsenic and Dioxin/Furan Toxicity Equivalence (TEQ).
   BCL: Lowest level among all available indoor and outdoor industrial worker Basic Comparison Levels (BCLs), NDEP 2025.
   RSL: Regional Screening Levels for industrial soil, USEPA 2024.

No detections, or maximum detected concentration is below HSSL (if available).
No HSSL available.
Radionuclides were determined to be consistent with background or natural concentration of uranium metal across OU-1.
Essential Nutrient, macronutrient or salt.
Individual VOCs were used to evaluate the nature and extent of impacts in soil from these compounds.

Sources:

[1] NDEP. 2025. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 17, July.
[2] USEPA. 2024. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund sites. November.
[3] NDEP. 2010. NDEP Response to Background Issues and Determination of Background Dataset for TRX. August 17.
[4] TIMET/BRC. 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity.

TABLE 4-16b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA GROUP C17/C19
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231	231
Phase B	RSAN8	5.5	8/26/2009	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
			8/26/2009 (FD)	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
		6 - 7.5	10/13/2009	--	--	**0.61**	**2.1 J**	--	**0.16**	**4.27**	**26.6 J**	**22.2 J**	**8,890**	**2,180 J**	**0.389 J**	<1.8	**40**	**42**
	SA-61	0	7/23/2009	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 2	6/16/2009	--	--	**0.171 JK**	**0.687 JK**	**5.6**	**0.253**	**1.81**	**8.6**	**8.9**	**9,800**	**640**	**0.115**	--	--	--
		10 - 11.5	8/11/2009	--	--	--	--	--	**5.78**	**2.83**	**9.1**	**11.1**	**11,100**	**522**	**0.121**	--	--	--
	SA-139	6.5 - 8	8/20/2009	--	--	--	--	--	**5.83**	**6.85 J**	**55.5**	**31.3**	**10,200**	**4,050 J**	**0.398**	--	--	--
	SA-160	0	8/26/2009	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
		0 - 1.5	10/14/2009	--	--	**1.7**	**3.5**	--	**2.4**	**5.56**	**48.2 J**	**34.6 J**	**11,800**	**5,320 J**	**0.465 J**	--	--	--
		9.5 - 11	10/14/2009	--	--	--	--	--	**4.2**	**2.14**	**8.4 J**	**9.9 J**	**9,680**	**520 J**	**0.088 J**	--	--	--
Pre-Excavation	SA-139	0.5 - 1.5	4/13/2010	--	--	--	--	--	--	**3.8**	**14**	--	--	**1,200**	--	--	--	--
		1.5 - 2.5	4/13/2010	--	--	--	--	--	--	**3.3**	**11**	--	--	**860**	--	--	--	--
	SA-160	1.5 - 2.5	5/25/2010	--	--	--	--	--	--	--	--	--	--	**520**	--	--	--	--
		4.5 - 5.5	5/25/2010	--	--	--	--	--	--	--	--	--	--	**1,300**	--	--	--	--
	SSAN8-03	2 - 2.5	9/07/2010	--	--	--	--	--	--	**6.7**	**65**	**24**	--	**4,000**	--	--	--	<29
	SSAN8-05	1 - 1.5	9/07/2010	--	--	--	--	--	--	**6.8**	--	--	--	--	--	--	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram
pg/g: picograms per gram
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

TABLE 4-17a. STATISTICAL SUMMARY OF ECA C18 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
General Chemistry	Ammonia	mg/kg	27,900	BCL	--	--	--	--	29	13	17	58.6	<0.097	<2.6	1.6 J	45	3.9	7.9	10	1.3	RISB-62	0	--
	Bicarbonate as HCO_3	mg/kg	--	--	--	--	--	--	23	8	23	100	--	--	1,200	62,000	32,000	31,000	17,000	0.56	RISB-59	--	--
	Bromide	mg/kg	--	--	--	--	--	--	29	13	5	17.2	<0.2	<4.0	1.2	6.9	4.5	4.7	2.3	0.49	RISB-61	--	--
	Carbonate as CO_3	mg/kg	--	--	--	--	--	--	26	11	11	42.3	<3	<320	160	990	640	570	270	0.46	RISB-58	--	--
	Chlorate	mg/kg	38,900	BCL	--	--	--	--	29	13	15	51.7	<0.043	<1.2	0.046 J	17,000	17	2,300	6,000	2.6	M-186D	0	--
	Chloride	mg/kg	--	--	--	--	--	--	29	13	29	100	--	--	4.7 J	4,700	40	430	1,000	2.4	M-186D	--	--
	Hydroxide	mg/kg	--	--	--	--	--	--	23	8	0	0	<46	<190	--	--	--	--	--	--	--	--	--
	Nitrate (as NO_3)	mg/kg	100,000	BCL	--	--	--	--	29	13	22	75.9	<0.21	<3.8	1.9 J+	480	13	58	120	2.1	M-186D	0	--
	Nitrate Nitrite as N	mg/kg	--	--	--	--	--	--	23	8	17	73.9	<1.2	<1.2	1.2 J	110	4.4	16	31	1.9	M-186D	--	--
	Nitrite	mg/kg	120,000	RSL	--	--	--	--	29	13	4	13.8	<0.08	<1.3	0.10 J	5.7 J	0.48	1.7	2.7	1.6	SA-13	0	--
	Perchlorate	mg/kg	908	BCL	--	--	--	--	29	13	24	82.8	0.010 UJ	0.010 UJ	0.039 J-	400	2.5	51	90	1.7	RISB-61	0	--
	ortho-Phosphate	mg/kg	--	--	--	--	--	--	18	7	3	16.7	<1.0	4.6 UJ	3.2 J	35	11	16	17	1	RISB-61	--	--
	Sulfate	mg/kg	--	--	--	--	--	--	29	13	29	100	--	--	70	16,400 J+	1,100	3,700	4,900	1.3	RSAQ8	--	--
Metals	Aluminum	mg/kg	100,000	BCL	7,340	11,400	3,740 J	15,300 J	29	13	29	100	--	--	5,630	11,700	8,800	8,800	1,500	0.18	RSAQ8	0	--
	Antimony	mg/kg	3,450	BCL	0.5 UJ	3.4	0.12 J-	0.5 J-	29	13	11	37.9	0.52 UJ	0.55 UJ	0.18 J-	9.7 J-	0.84	1.9	2.9	1.5	RISB-60	0	--
	Arsenic	mg/kg	7.2	SS	1.6	4.25	2.5	7.2 J	29	13	29	100	--	--	1.7	38	3	5.9	8.3	1.4	RISB-60	4	5.3
	Barium	mg/kg	100,000	BCL	111	213	73	445 J	29	13	29	100	--	--	130 J-	2,150 J	180	300	390	1.3	RSAQ8	0	--
	Beryllium	mg/kg	6,130	BCL	0.362	0.588 J	0.16 J	0.89	6	5	6	100	--	--	0.37 J-	1.58 J	0.47	0.64	0.46	0.72	RSAQ8	0	--
	Boron	mg/kg	100,000	BCL	3.6 J	11.7	<3.2	11.6 J+	29	13	20	69	<13	<27	2.6 J-	39	4.2	10	12	1.2	RISB-61	0	--
	Cadmium	mg/kg	8,180	BCL	<0.04	0.48	<0.129	<0.129	29	13	6	20.7	0.04 UJ	<2.7	0.11	1.91 J	0.13	0.47	0.72	1.5	RSAQ8	0	--
	Calcium	mg/kg	--	--	--	--	9,440	82,800 J	6	5	6	100	--	--	9,080 J+	25,800 J	17,000	17,000	6,800	0.39	RSAP8	--	--
	Chromium (total)	mg/kg	--	--	5.57	10.7 J	2.6	16.7	29	13	29	100	--	--	6.84	310	13	24	55	2.3	RISB-61	--	--
	Chromium VI	mg/kg	564	BCL	<0.18	0.29 J	<0.25	<0.32	26	11	4	15.4	<0.10	<0.45	0.12 J	2.32	0.86	1	0.94	0.9	RSAQ8	0	--
	Cobalt	mg/kg	385	BCL	5.4	9.1	3.7 J	16.3 J	29	13	29	100	--	--	6.2	420	9.5	50	99	2	M-186D	1	1.1
	Copper	mg/kg	51,900	BCL	15.8	140	10.2	25.9 J	29	13	29	100	--	--	12.6 J	125 J+	20	36	33	0.91	RSAQ8	0	--
	Iron	mg/kg	100,000	BCL	11,300	20,600	5,410	19,700	29	13	29	100	--	--	11,000	43,000	15,000	16,000	5,600	0.35	RISB-61	0	--
	Lead	mg/kg	800	BCL	7.1	72.8	3 J	35.1	29	13	28	96.6	<5.4	<5.4	7.0	200	10	25	46	1.8	RISB-60	0	--
	Magnesium	mg/kg	100,000	BCL	7,700	13,000	4,690 J	17,500 J	29	13	29	100	--	--	4,940 J-	11,000	8,300	8,500	1,700	0.2	M-186D	0	--
	Manganese	mg/kg	100,000	BCL	262	537	151	863 J	29	13	29	100	--	--	340 J	70,300 J+	2,200	9,400	15,000	1.6	RSAQ8	0	--
	Mercury	mg/kg	3.13	BCL	0.006 J	0.362	<0.0072	0.11	29	13	28	96.6	0.013 UJ	0.013 UJ	0.0082 J-	0.40	0.034	0.074	0.1	1.4	M-186D	0	--
	Molybdenum	mg/kg	6,490	BCL	<0.31	32.7	0.3 J	2	29	13	8	27.6	<1.1	<11	0.52 J	81	0.74	12	28	2.4	RISB-61	0	--
	Nickel	mg/kg	50,300	BCL	12.7	21.4	7.9 J	30 J	29	13	29	100	--	--	11.6 J-	180	18	33	39	1.2	M-186D	0	--
	Niobium	mg/kg	130	BCL	--	--	1.01 UJ-	1.01 UJ-	3	2	2	66.7	<1.8	<1.8	1.9 J	2.2 J	2	2	0.21	0.1	M-186D	0	--
	Palladium	mg/kg	--	--	--	--	0.16	1.5	3	2	0	0	<0.051	<0.056	--	--	--	--	--	--	--	--	--
	Phosphorus (total)	mg/kg	100,000	BCL	--	--	862	2,010	21	9	21	100	--	--	614	1,300	1,100	1,100	180	0.17	RISB-60	0	--
	Platinum	mg/kg	5,190	BCL	0.006 J	<0.11	<0.0435	0.099 J	6	5	6	100	--	--	0.006 J+	0.022 J	0.014	0.014	0.0062	0.44	SA-13	0	--
	Potassium	mg/kg	--	--	1,450	4,210	625	3,890	6	5	6	100	--	--	1,670 J-	4,040	2,400	2,600	820	0.31	RSAQ8	--	--
	Selenium	mg/kg	6,490	BCL	<0.7	<4.3	<0.158	0.6	29	13	4	13.8	<0.52	<50.0	0.11 J	0.58 J	0.12	0.23	0.23	0.98	M-186D	0	--
	Silicon	mg/kg	--	--	--	--	335 J	4,150	18	6	18	100	--	--	65 J-	310 J-	140	150	69	0.46	RISB-60	--	--
	Silver	mg/kg	100,000	BCL	<0.2	<0.2	<0.261	<0.261	29	13	5	17.2	<0.2	<16	0.13 J	1.7	0.16	0.61	0.69	1.1	RSAQ8	0	--
	Sodium	mg/kg	--	--	307	1,050	128	1,320	6	5	6	100	--	--	251 J-	1,390	510	580	420	0.72	RSAQ8	--	--
	Strontium	mg/kg	100,000	BCL	129	339	75.5	808 J	9	7	9	100	--	--	117 J	309 J	210	210	67	0.33	RSAQ8	0	--
	Sulfur	mg/kg	--	--	--	--	--	--	23	8	19	82.6	<390	<450	780 J-	26,000	2,000	5,800	7,400	1.3	RISB-60	--	--
	Thallium	mg/kg	13	BCL	0.071	0.193 J	<0.543	1.8	29	13	13	44.8	<0.26	<0.28	0.098 J	4.21	0.37	1	1.3	1.3	RSAQ8	0	--
	Tin	mg/kg	100,000	BCL	<10.2	<11	0.24 J	0.8 J	6	5	6	100	--	--	0.59	4.2 J	1.9	2.2	1.7	0.78	SA-140	0	--
	Titanium	mg/kg	100,000	BCL	480	1,080	262	1,010 J	6	5	6	100	--	--	733	1,050	820	860	110	0.13	RSAP8	0	--
	Tungsten	mg/kg	1,040	BCL	<0.11	0.62	0.0175 UJ	0.0175 UJ	9	7	6	66.7	5.3 UJ	52 UJ	0.14 J	19.9 J	0.41	3.7	7.9	2.2	RSAQ8	0	--
	Uranium (total)	mg/kg	3,830	BCL	0.655	1.94	0.62 J	2.7	9	7	9	100	--	--	0.812 J	1.9	1	1.3	0.49	0.38	M-186D	0	--
	Vanadium	mg/kg	100,000	BCL	28	54.9	20.2	59.1 J	6	5	6	100	--	--	43.4 J-	73.2	48	52	11	0.21	RSAQ8	0	--
	Zinc	mg/kg	100,000	BCL	25.8	254	15.4	121	29	13	29	100	--	--	26	480 J+	40	75	92	1.2	RISB-63	0	--
	Zirconium	mg/kg	104	BCL	--	--	86.1 J	179 J	3	2	1	33.3	<26	<26	18	18	18	18	--	--	M-186D	0	--
Radionuclides	Radium-226	pCi/g	0.023	BCL	--	--	0.494 J	2.36	9	7	9	100	--	--	0.362	1.35 J	1	0.89	0.36	0.4	M-186D	9	59
	Radium-228	pCi/g	0.046	BCL	--	--	0.946 U	2.92	9	7	9	100	--	--	-0.0598 UJ	2.05 J-	1.2	1.1	0.69	0.61	SA-13	8	45
	Thorium-228	pCi/g	0.026	BCL	--	--	1.15	2.28	6	5	6	100	--	--	1.15	1.70	1.5	1.4	0.24	0.17	SA-140	6	65
	Thorium-230	pCi/g	14	BCL	--	--	0.73 J	3.01	6	5	6	100	--	--	0.773	1.47	1	1.1	0.28	0.26	M-186D	0	--
	Thorium-232	pCi/g	13	BCL	--	--	1.22	2.23	6	5	6	100	--	--	1.08 J	1.54	1.4	1.3	0.19	0.14	M-186D	0	--

TABLE 4-17a. STATISTICAL SUMMARY OF ECA C18 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Radionuclides	Uranium-234	pCi/g	18	BCL	--	--	0.63 U	2.84	6	5	6	100	--	--	0.789 J	1.29	1.1	1.1	0.18	0.17	RSAQ8	0	--
	Uranium-235	pCi/g	0.33	BCL	--	--	0.0009	0.21 J	6	5	6	100	--	--	0.000 U	0.0807	0.038	0.036	0.031	0.85	M-186D	0	--
	Uranium-238	pCi/g	1.5	BCL	--	--	0.65 J	2.37	6	5	6	100	--	--	0.712	1.17	1	0.96	0.2	0.21	RSAQ8	0	--
VOCs	Acetone	µg/kg	100,000,000	BCL	--	--	--	--	30	13	9	30	<1.6	10 UJ	5.1 J	180 J-	17	38	55	1.4	RISB-62	0	--
	t-Amyl methyl ether	µg/kg	--	--	--	--	--	--	30	13	0	0	<0.12	<5.8	--	--	--	--	--	--	--	--	--
	Benzene	µg/kg	5,310	BCL	--	--	--	--	30	13	1	3.3	<0.49	<5.8	1.0 J	1.0 J	1	1	--	--	RISB-60	0	--
	Bromobenzene	µg/kg	679,000	BCL	--	--	--	--	30	13	0	0	<0.44	<5.8	--	--	--	--	--	--	--	--	--
	Bromochloromethane	µg/kg	628,000	BCL	--	--	--	--	30	13	0	0	<0.44	<5.8	--	--	--	--	--	--	--	--	--
	Bromodichloromethane	µg/kg	1,300	BCL	--	--	--	--	30	13	0	0	<0.49	<5.8	--	--	--	--	--	--	--	--	--
	Bromoform	µg/kg	95,300	BCL	--	--	--	--	30	13	0	0	<0.45	<5.8	--	--	--	--	--	--	--	--	--
	Bromomethane	µg/kg	30,300	BCL	--	--	--	--	30	13	0	0	0.83 UJ	12 UJ	--	--	--	--	--	--	--	--	--
	2-Butanone	µg/kg	28,400,000	BCL	--	--	--	--	30	13	1	3.3	<0.81	<12	22 J-	22 J-	22	22	--	--	RISB-62	0	--
	n-Butylbenzene	µg/kg	108,000	BCL	--	--	--	--	30	13	1	3.3	<0.81	<5.8	1.2 J+	1.2 J+	1.2	1.2	--	--	RISB-59	0	--
	sec-Butylbenzene	µg/kg	145,000	BCL	--	--	--	--	30	13	0	0	<0.69	5.8 UJ	--	--	--	--	--	--	--	--	--
	tert-Butylbenzene	µg/kg	183,000	BCL	--	--	--	--	30	13	0	0	<0.59	5.8 UJ	--	--	--	--	--	--	--	--	--
	Carbon tetrachloride	µg/kg	2,960	BCL	--	--	--	--	30	13	0	0	<0.48	<5.8	--	--	--	--	--	--	--	--	--
	Chlorobenzene	µg/kg	1,370,000	BCL	--	--	--	--	30	13	0	0	<0.49	<5.8	--	--	--	--	--	--	--	--	--
	Chloroethane	µg/kg	2,120,000	BCL	--	--	--	--	30	13	0	0	<0.51	5.8 UJ	--	--	--	--	--	--	--	--	--
	Chloroform	µg/kg	1,390	BCL	--	--	--	--	30	13	1	3.3	<0.49	<5.8	0.93 J	0.93 J	0.93	0.93	--	--	SA-140	0	--
	Chloromethane	µg/kg	464,000	BCL	--	--	--	--	30	13	0	0	<0.61	5.8 UJ	--	--	--	--	--	--	--	--	--
	2-Chlorotoluene	µg/kg	907,000	BCL	--	--	--	--	30	13	0	0	<0.65	5.8 UJ	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	µg/kg	26,000,000	BCL	--	--	--	--	30	13	0	0	<0.58	5.8 UJ	--	--	--	--	--	--	--	--	--
	Cumene	µg/kg	10,400,000	BCL	--	--	--	--	30	13	0	0	<0.49	5.8 UJ	--	--	--	--	--	--	--	--	--
	p-Cymene	µg/kg	147,000	BCL	--	--	--	--	30	13	1	3.3	<0.49	5.8 UJ	0.77 J	0.77 J	0.77	0.77	--	--	RISB-59	0	--
	1,2-Dibromo-3-chloropropane	µg/kg	64.9	BCL	--	--	--	--	30	13	0	0	<0.73	<12	--	--	--	--	--	--	--	--	--
	Dibromochloromethane	µg/kg	43,300	BCL	--	--	--	--	30	13	1	3.3	<0.35	<5.8	0.90 J+	0.90 J+	0.9	0.9	--	--	RISB-62	0	--
	1,2-Dibromoethane	µg/kg	168	BCL	--	--	--	--	30	13	0	0	<0.32	<5.8	--	--	--	--	--	--	--	--	--
	Dibromomethane	µg/kg	98,900	BCL	--	--	--	--	30	13	0	0	<0.35	<5.8	--	--	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	µg/kg	376,000	BCL	--	--	--	--	30	13	0	0	<0.42	5.8 UJ	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	µg/kg	373,000	BCL	--	--	--	--	30	13	0	0	<0.49	5.8 UJ	--	--	--	--	--	--	--	--	--
	1,4-Dichlorobenzene	µg/kg	11,500	BCL	--	--	--	--	30	13	1	3.3	<0.49	5.8 UJ	1.3 J	1.3 J	1.3	1.3	--	--	RSAQ8	0	--
	Dichlorodifluoromethane	µg/kg	368,000	BCL	--	--	--	--	30	13	0	0	<0.55	12 UJ	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethane	µg/kg	15,800	BCL	--	--	--	--	30	13	0	0	<0.49	<5.8	--	--	--	--	--	--	--	--	--
	1,2-Dichloroethane	µg/kg	2,100	BCL	--	--	--	--	30	13	0	0	<0.37	<5.8	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethene	µg/kg	20,000	BCL	--	--	--	--	30	13	0	0	<0.40	<5.8	--	--	--	--	--	--	--	--	--
	cis-1,2-Dichloroethene	µg/kg	400,000	BCL	--	--	--	--	30	13	0	0	<0.33	<5.8	--	--	--	--	--	--	--	--	--
	trans-1,2-Dichloroethene	µg/kg	304,000	BCL	--	--	--	--	30	13	0	0	<0.49	<5.8	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	µg/kg	11,700	BCL	--	--	--	--	30	13	0	0	<0.42	<5.8	--	--	--	--	--	--	--	--	--
	1,3-Dichloropropane	µg/kg	26,000,000	BCL	--	--	--	--	30	13	0	0	<0.38	<5.8	--	--	--	--	--	--	--	--	--
	2,2-Dichloropropane	µg/kg	--	--	--	--	--	--	30	13	0	0	<0.35	<5.8	--	--	--	--	--	--	--	--	--
	1,1-Dichloropropene	µg/kg	--	--	--	--	--	--	30	13	0	0	<0.43	<5.8	--	--	--	--	--	--	--	--	--
	cis-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	30	13	0	0	<0.36	<5.8	--	--	--	--	--	--	--	--	--
	trans-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	30	13	0	0	<0.40	<5.8	--	--	--	--	--	--	--	--	--
	Diisopropyl ether	µg/kg	2,260,000	BCL	--	--	--	--	30	13	0	0	<0.26	<5.8	--	--	--	--	--	--	--	--	--
	Ethyl benzene	µg/kg	26,600	BCL	--	--	--	--	30	13	0	0	<0.49	<5.8	--	--	--	--	--	--	--	--	--
	Ethyl tert-butyl ether	µg/kg	560,000	RSL	--	--	--	--	30	13	0	0	<0.26	<5.8	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	µg/kg	5,610	BCL	--	--	--	--	30	13	0	0	0.80 UJ	5.8 UJ	--	--	--	--	--	--	--	--	--
	2-Hexanone	µg/kg	1,490,000	BCL	--	--	--	--	30	13	0	0	<0.75	12 UJ	--	--	--	--	--	--	--	--	--
	Methyl tert-butyl ether	µg/kg	217,000	BCL	--	--	--	--	30	13	0	0	<0.33	<5.8	--	--	--	--	--	--	--	--	--
	Methylene Chloride	µg/kg	1,130,000	BCL	--	--	--	--	30	13	1	3.3	<0.44	<5.8	0.68 J	0.68 J	0.68	0.68	--	--	SA-140	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	30	13	2	6.7	0.97 UJ	<5.8	1.4 J	2.6	2	2	0.85	0.42	RISB-60	0	--
	4-Methyl-2-pentanone	µg/kg	3,360,000	BCL	--	--	--	--	30	13	0	0	<0.69	<12	--	--	--	--	--	--	--	--	--
	n-Propylbenzene	µg/kg	264,000	BCL	--	--	--	--	30	13	1	3.3	<0.49	5.8 UJ	0.78 J+	0.78 J+	0.78	0.78	--	--	RISB-59	0	--
	Styrene	µg/kg	867,000	BCL	--	--	--	--	30	13	0	0	<0.48	<5.8	--	--	--	--	--	--	--	--	--
	1,1,1,2-Tetrachloroethane	µg/kg	9,070	BCL	--	--	--	--	30	13	0	0	<0.30	<5.8	--	--	--	--	--	--	--	--	--
	1,1,2,2-Tetrachloroethane	µg/kg	2,910	BCL	--	--	--	--	30	13	0	0	<0.43	<5.8	--	--	--	--	--	--	--	--	--

TABLE 4-17a. STATISTICAL SUMMARY OF ECA C18 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	Tetrachloroethene	µg/kg	107,000	BCL	--	--	--	--	30	13	0	0	<0.49	<5.8	--	--	--	--	--	--	--	--	--
	Toluene	µg/kg	818,000	BCL	--	--	--	--	30	13	3	10	<0.34	<5.8	0.28 J	0.44 J	0.28	0.33	0.092	0.28	RSAQ8	0	--
	1,2,3-Trichlorobenzene	µg/kg	151,000	BCL	--	--	--	--	30	13	0	0	0.76 UJ	5.8 UJ	--	--	--	--	--	--	--	--	--
	1,2,4-Trichlorobenzene	µg/kg	125,000	BCL	--	--	--	--	30	13	0	0	0.94 UJ	5.8 UJ	--	--	--	--	--	--	--	--	--
	1,1,1-Trichloroethane	µg/kg	640,000	BCL	--	--	--	--	30	13	0	0	<0.23	<5.8	--	--	--	--	--	--	--	--	--
	1,1,2-Trichloroethane	µg/kg	5,280	BCL	--	--	--	--	30	13	0	0	<0.49	<5.8	--	--	--	--	--	--	--	--	--
	Trichloroethene	µg/kg	6,310	BCL	--	--	--	--	30	13	0	0	<0.43	<5.8	--	--	--	--	--	--	--	--	--
	Trichlorofluoromethane	µg/kg	1,230,000	BCL	--	--	--	--	30	13	0	0	<0.35	5.8 UJ	--	--	--	--	--	--	--	--	--
	1,2,3-Trichloropropane	µg/kg	121	BCL	--	--	--	--	30	13	0	0	<0.56	<5.8	--	--	--	--	--	--	--	--	--
	1,2,4-Trimethylbenzene	µg/kg	219,000	BCL	--	--	--	--	30	13	1	3.3	<0.66	<5.8	1.7 J+	1.7 J+	1.7	1.7	--	--	RISB-59	0	--
	1,3,5-Trimethylbenzene	µg/kg	182,000	BCL	--	--	--	--	30	13	0	0	<0.55	5.8 UJ	--	--	--	--	--	--	--	--	--
	Vinyl chloride	µg/kg	1,870	BCL	--	--	--	--	30	13	0	0	<0.50	<5.8	--	--	--	--	--	--	--	--	--
	m,p-Xylene	µg/kg	--	--	--	--	--	--	27	11	1	3.7	<0.99	<1.2	1.5 J	1.5 J	1.5	1.5	--	--	M-186D	--	--
	o-Xylene	µg/kg	434,000	BCL	--	--	--	--	27	11	0	0	<0.49	<0.77	--	--	--	--	--	--	--	--	--
	Xylenes (total)	µg/kg	260,000	BCL	--	--	--	--	3	2	0	0	10 UJ	<12	--	--	--	--	--	--	--	--	--
	tert Butyl alcohol	µg/kg	7,270,000	BCL	--	--	--	--	30	13	0	0	5.2 UJ	<11	--	--	--	--	--	--	--	--	--
SVOCs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	8	6	0	0	<1.1	<380	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	8	6	0	0	<0.78	<380	--	--	--	--	--	--	--	--	--
	Aniline	µg/kg	619,000	BCL	--	--	--	--	3	2	0	0	<88	<90	--	--	--	--	--	--	--	--	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	8	6	0	0	<1.3	<380	--	--	--	--	--	--	--	--	--
	Benzidine	µg/kg	15.3	BCL	--	--	--	--	3	2	0	0	<680	<700	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	8	6	1	12.5	<0.60	<380	14 J	14 J	14	14	--	--	RSAQ8	0	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	8	6	1	12.5	<0.71	<380	32 J	32 J	32	32	--	--	RSAQ8	0	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	8	6	1	12.5	<1.2	<380	28 J	28 J	28	28	--	--	RSAQ8	0	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	8	6	0	0	<1.3	<380	--	--	--	--	--	--	--	--	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	8	6	0	0	<0.87	<380	--	--	--	--	--	--	--	--	--
	Benzoic acid	µg/kg	100,000,000	BCL	--	--	--	--	3	2	0	0	<350	<360	--	--	--	--	--	--	--	--	--
	Benzyl alcohol	µg/kg	91,200,000	BCL	--	--	--	--	3	2	0	0	<150	<160	--	--	--	--	--	--	--	--	--
	4-Bromophenyl-phenyl ether	µg/kg	--	--	--	--	--	--	3	2	0	0	<77	<79	--	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	µg/kg	1,860,000	BCL	--	--	--	--	8	6	0	0	<2.5	<380	--	--	--	--	--	--	--	--	--
	4-Chloroaniline	µg/kg	17,600	BCL	--	--	--	--	3	2	0	0	<140	<140	--	--	--	--	--	--	--	--	--
	2-Chloronaphthalene	µg/kg	175,000	BCL	--	--	--	--	3	2	0	0	<69	<71	--	--	--	--	--	--	--	--	--
	2-Chlorophenol	µg/kg	6,490,000	BCL	--	--	--	--	3	2	0	0	<72	<74	--	--	--	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	µg/kg	--	--	--	--	--	--	3	2	0	0	<88	<90	--	--	--	--	--	--	--	--	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	8	6	1	12.5	<1.1	<380	78	78	78	78	--	--	RSAQ8	0	--
	Di-n-butylphthalate	µg/kg	91,200,000	BCL	--	--	--	--	8	6	1	12.5	<93	<380	44 J	44 J	44	44	--	--	RSAP8	0	--
	Di-n-octylphthalate	µg/kg	9,120,000	BCL	--	--	--	--	8	6	0	0	<1.2	<380	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	8	6	0	0	<0.81	<380	--	--	--	--	--	--	--	--	--
	Dibenzofuran	µg/kg	171,000	BCL	--	--	--	--	3	2	0	0	<69	<71	--	--	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	µg/kg	7,840	BCL	--	--	--	--	3	2	0	0	<150	<160	--	--	--	--	--	--	--	--	--
	2,4-Dichlorophenol	µg/kg	2,740,000	BCL	--	--	--	--	3	2	0	0	<69	<71	--	--	--	--	--	--	--	--	--
	Diethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	8	6	0	0	<98	<1,300	--	--	--	--	--	--	--	--	--
	2,4-Dimethylphenol	µg/kg	18,200,000	BCL	--	--	--	--	3	2	0	0	<130	<140	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	8	6	0	0	<0.93	<380	--	--	--	--	--	--	--	--	--
	2,4-Dinitrophenol	µg/kg	1,820,000	BCL	--	--	--	--	3	2	0	0	<340	<350	--	--	--	--	--	--	--	--	--
	2,4-Dinitrotoluene	µg/kg	11,400	BCL	--	--	--	--	3	2	0	0	<83	<84	--	--	--	--	--	--	--	--	--
	2,6-Dinitrotoluene	µg/kg	2,350	BCL	--	--	--	--	3	2	0	0	<98	<100	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	µg/kg	27,200	BCL	--	--	--	--	5	4	0	0	<5.2	<340	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	8	6	1	12.5	<1.5	<380	85	85	85	85	--	--	RSAQ8	0	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	8	6	0	0	<0.73	<380	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	8	6	1	12.5	<0.88	<380	64 J	64 J	64	64	--	--	RSAQ8	0	--
	Hexachlorocyclopentadiene	µg/kg	7,460	BCL	--	--	--	--	3	2	0	0	<140	<140	--	--	--	--	--	--	--	--	--
	Hexachloroethane	µg/kg	8,470	BCL	--	--	--	--	3	2	0	0	<140	<140	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	8	6	0	0	<0.93	380 UJ	--	--	--	--	--	--	--	--	--
	Isophorone	µg/kg	3,710,000	BCL	--	--	--	--	3	2	0	0	<69	<71	--	--	--	--	--	--	--	--	--
	1-Methylnaphthalene	µg/kg	770	BCL	--	--	--	--	3	2	0	0	<150	<160	--	--	--	--	--	--	--	--	--

TABLE 4-17a. STATISTICAL SUMMARY OF ECA C18 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
SVOCs	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	8	6	0	0	<0.59	<380	--	--	--	--	--	--	--	--	--
	2-Methylphenol	µg/kg	45,600,000	BCL	--	--	--	--	3	2	0	0	<83	<84	--	--	--	--	--	--	--	--	--
	3&4-Methylphenol	µg/kg	16,000,000	RSL	--	--	--	--	3	2	0	0	<140	<140	--	--	--	--	--	--	--	--	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	8	6	0	0	<0.89	<380	--	--	--	--	--	--	--	--	--
	2-Nitroaniline	µg/kg	8,840,000	BCL	--	--	--	--	3	2	0	0	<69	<71	--	--	--	--	--	--	--	--	--
	3-Nitroaniline	µg/kg	--	--	--	--	--	--	3	2	0	0	<140	<140	--	--	--	--	--	--	--	--	--
	4-Nitroaniline	µg/kg	176,000	BCL	--	--	--	--	3	2	0	0	<140	<140	--	--	--	--	--	--	--	--	--
	Nitrobenzene	µg/kg	22,500	BCL	--	--	--	--	8	6	0	0	<1.9	<380	--	--	--	--	--	--	--	--	--
	2-Nitrophenol	µg/kg	--	--	--	--	--	--	3	2	0	0	<140	<140	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	µg/kg	7,290,000	BCL	--	--	--	--	3	2	0	0	<140	<150	--	--	--	--	--	--	--	--	--
	n-Nitrosodiphenylamine	µg/kg	720,000	BCL	--	--	--	--	3	2	0	0	<83	<84	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	µg/kg	--	--	--	--	--	--	8	6	0	0	<3.7	<2,400	--	--	--	--	--	--	--	--	--
	Pentachlorophenol	µg/kg	8,450	BCL	--	--	--	--	3	2	0	0	<350	<360	--	--	--	--	--	--	--	--	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	8	6	1	12.5	<1.9	<380	96	96	96	96	--	--	RSAQ8	0	--
	Phenol	µg/kg	100,000,000	BCL	--	--	--	--	3	2	0	0	<93	<95	--	--	--	--	--	--	--	--	--
	Phthalic acid	µg/kg	100,000,000	BCL	--	--	--	--	3	2	0	0	<1,300	<1,300	--	--	--	--	--	--	--	--	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	8	6	1	12.5	<1.1	<380	46 J	46 J	46	46	--	--	RSAQ8	0	--
	Pyridine	µg/kg	1,300,000	BCL	--	--	--	--	8	6	0	0	<28	<1,900	--	--	--	--	--	--	--	--	--
	2,4,5-Trichlorophenol	µg/kg	91,200,000	BCL	--	--	--	--	3	2	0	0	<130	<140	--	--	--	--	--	--	--	--	--
	2,4,6-Trichlorophenol	µg/kg	321,000	BCL	--	--	--	--	3	2	0	0	<77	<79	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	µg/kg	2,740,000	BCL	--	--	--	--	3	2	0	0	<140	<140	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	µg/kg	1,150	BCL	--	--	--	--	3	2	0	0	<72	<74	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	µg/kg	252,000	BCL	--	--	--	--	8	6	0	0	<93	<1,400	--	--	--	--	--	--	--	--	--
	4-Chloro-3-methylphenol	µg/kg	91,200,000	BCL	--	--	--	--	3	2	0	0	<72	<74	--	--	--	--	--	--	--	--	--
	n-Nitroso-di-n-propylamine	µg/kg	504	BCL	--	--	--	--	3	2	0	0	<72	<74	--	--	--	--	--	--	--	--	--
PAHs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	5	4	0	0	<4.2	<7.7	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	5	4	0	0	<4.2	<7.7	--	--	--	--	--	--	--	--	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	5	4	0	0	<4.2	<7.7	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	5	4	2	40	<4.2	<7.7	9.6 J	11 J	10	10	0.99	0.096	M-186D	0	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	5	4	1	20	<4.2	<7.7	10 J	10 J	10	10	--	--	M-186D	0	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	5	4	2	40	<4.2	<7.7	17 J	28 J	22	22	7.8	0.35	M-186D	0	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	5	4	2	40	<4.2	<7.7	5.4 J	10 J	7.7	7.7	3.3	0.42	M-186D	0	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	5	4	2	40	<4.2	<7.7	5.7 J	9.0 J	7.3	7.3	2.3	0.32	M-186D	0	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	5	4	3	60	<7.3	<7.7	5.6 J	27 J	21	18	11	0.62	M-186D	0	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	5	4	0	0	<4.2	<7.7	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	5	4	3	60	<7.3	<7.7	8.2 J	36	33	26	15	0.59	M-186D	0	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	5	4	0	0	<4.2	<7.7	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	2	2	0	0	<7.3	<7.7	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	5	4	2	40	<4.2	<7.7	5.1 J	9.7 J	7.4	7.4	3.3	0.44	M-186D	0	--
	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	2	2	0	0	<7.3	<7.7	--	--	--	--	--	--	--	--	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	5	4	0	0	<4.2	<7.7	--	--	--	--	--	--	--	--	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	5	4	3	60	<7.3	<7.7	5.3 J	24 J	24	18	11	0.61	M-186D	0	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	5	4	3	60	<7.3	<7.7	4.5 J	17 J	15	12	6.7	0.55	M-186D	0	--
PCBs	Aroclor-1016	µg/kg	45,200	BCL	--	--	--	--	3	2	0	0	<34	<38	--	--	--	--	--	--	--	--	--
	Aroclor-1221	µg/kg	1,280	BCL	--	--	--	--	3	2	0	0	<34	<38	--	--	--	--	--	--	--	--	--
	Aroclor-1232	µg/kg	1,060	BCL	--	--	--	--	3	2	0	0	<34	<38	--	--	--	--	--	--	--	--	--
	Aroclor-1242	µg/kg	1,550	BCL	--	--	--	--	3	2	0	0	<34	<38	--	--	--	--	--	--	--	--	--
	Aroclor-1248	µg/kg	1,560	BCL	--	--	--	--	3	2	0	0	<34	<38	--	--	--	--	--	--	--	--	--
	Aroclor-1254	µg/kg	1,600	BCL	--	--	--	--	3	2	0	0	<34	<38	--	--	--	--	--	--	--	--	--
	Aroclor-1260	µg/kg	1,650	BCL	--	--	--	--	6	4	0	0	<18	<38	--	--	--	--	--	--	--	--	--
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	26.7	BCL	--	--	--	--	6	5	4	66.7	<0.19	<0.52	0.15 J	1.7	0.58	0.75	0.66	0.88	RSAQ8	0	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	6	5	5	83.3	<2.6	<2.6	0.32 J	5.0	2	2.1	1.7	0.81	RSAQ8	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	6	5	5	83.3	<2.6	<2.6	0.082 J	3.8	1.2	1.5	1.4	0.96	RSAQ8	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	6	5	5	83.3	<2.6	<2.6	0.51 J	7.5	2.7	3.3	2.6	0.78	RSAQ8	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	581	BCL	--	--	--	--	6	5	5	83.3	<2.6	<2.6	0.41 J	8.0	2.7	3.4	2.8	0.83	RSAQ8	0	--
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	6	5	5	83.3	<2.6	<2.6	3.3 J	34	17	18	11	0.63	RSAQ8	--	--

TABLE 4-17a. STATISTICAL SUMMARY OF ECA C18 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Dioxins/Furans	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	6	5	6	100	--	--	1.8 J	280	62	100	110	1.1	RSAQ8	--	--
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	--	--	--	--	--	--	6	5	6	100	--	--	0.38 JK	45	14	16	16	1	RSAQ8	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	6	5	6	100	--	--	0.35 J	73	22	25	26	1.1	RSAQ8	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	6	5	5	83.3	<2.6	<2.6	1.6 J	39	12	15	14	0.93	RSAQ8	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	6	5	5	83.3	<2.6	<2.6	7.4	140	49	59	49	0.82	RSAQ8	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	6	5	5	83.3	<2.6	<2.6	4.0 J	92	32	38	33	0.87	RSAQ8	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	6	5	3	50	<0.33	<2.8	2.8 J	16	6.2	8.3	6.9	0.82	RSAQ8	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	6	5	5	83.3	<2.6	<2.6	0.86 J	20	7.2	8.5	7.1	0.83	RSAQ8	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	6	5	5	83.3	<2.6	<2.6	17	380	130	160	130	0.84	RSAQ8	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	6	5	5	83.3	<2.6	<2.6	6.4 J	120	48	52	42	0.8	RSAQ8	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	pg/g	--	--	--	--	--	--	6	5	6	100	--	--	2.1 JK	6,500 J	520	1,400	2,500	1.8	M-186D	--	--
	Total Dioxin/Furan TEQ (Calculated)	pg/g	2,700	SS	--	--	--	--	3	2	3	100	--	--	2.9	23	17	14	10	0.72	M-186D	0	--
Pesticides - OCPs	Aldrin	µg/kg	205	BCL	--	--	--	--	8	7	0	0	<0.91	<9.0	--	--	--	--	--	--	--	--	--
	alpha-BHC	µg/kg	274,000	BCL	--	--	--	--	8	7	0	0	<0.91	<9.0	--	--	--	--	--	--	--	--	--
	beta-BHC	µg/kg	54,700	BCL	--	--	--	--	8	7	1	12.5	<0.91	<2.0	9.5 J	9.5 J	9.5	9.5	--	--	RSAQ8	0	--
	delta-BHC	µg/kg	333,000	BCL	--	--	--	--	8	7	0	0	<0.91	<9.0	--	--	--	--	--	--	--	--	--
	gamma-BHC	µg/kg	11,100	BCL	--	--	--	--	8	7	0	0	<0.91	<9.0	--	--	--	--	--	--	--	--	--
	Chlordane (total)	µg/kg	--	--	--	--	--	--	5	5	0	0	<4.5	<45	--	--	--	--	--	--	--	--	--
	alpha-Chlordane	µg/kg	500,000	RSL	--	--	--	--	8	7	0	0	<0.91	<9.0	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	µg/kg	500,000	RSL	--	--	--	--	8	7	0	0	<0.91	<9.0	--	--	--	--	--	--	--	--	--
	4,4'-DDD	µg/kg	14,700	BCL	--	--	--	--	8	7	0	0	<1.6	<18	--	--	--	--	--	--	--	--	--
	2,4'-DDE	µg/kg	--	--	--	--	--	--	3	2	0	0	<1.6	<1.6	--	--	--	--	--	--	--	--	--
	4,4'-DDE	µg/kg	10,300	BCL	--	--	--	--	8	7	2	25	<1.6	<18	2.0 J-	2.2 J	2.1	2.1	0.14	0.067	M-186D	0	--
	4,4'-DDT	µg/kg	10,600	BCL	--	--	--	--	8	7	2	25	<1.6	<18	1.7 J	2.1 J-	1.9	1.9	0.28	0.15	SA-140	0	--
	Dieldrin	µg/kg	220	BCL	--	--	--	--	8	7	0	0	<1.6	<18	--	--	--	--	--	--	--	--	--
	Endosulfan I	µg/kg	--	--	--	--	--	--	8	7	0	0	<0.91	<9.0	--	--	--	--	--	--	--	--	--
	Endosulfan II	µg/kg	--	--	--	--	--	--	8	7	0	0	<1.6	<18	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	µg/kg	4,900,000	RSL	--	--	--	--	8	7	0	0	<1.8	<18	--	--	--	--	--	--	--	--	--
	Endrin	µg/kg	274,000	BCL	--	--	--	--	8	7	0	0	<1.6	<18	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	µg/kg	--	--	--	--	--	--	8	7	0	0	<1.6	<18	--	--	--	--	--	--	--	--	--
	Endrin ketone	µg/kg	--	--	--	--	--	--	8	7	0	0	<1.8	<18	--	--	--	--	--	--	--	--	--
	Heptachlor	µg/kg	696	BCL	--	--	--	--	8	7	0	0	<0.91	<9.0	--	--	--	--	--	--	--	--	--
	Heptachlor epoxide	µg/kg	366	BCL	--	--	--	--	8	7	0	0	<0.91	<9.0	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	3	3	3	100	--	--	1.0 J-	97	5.8	35	54	1.6	RSAQ8	0	--
	Methoxychlor	µg/kg	4,560,000	BCL	--	--	--	--	8	7	1	12.5	<1.6	<90	7.6	7.6	7.6	7.6	--	--	SA-13	0	--
	Toxaphene	µg/kg	3,210	BCL	--	--	--	--	8	7	0	0	<18	<180	--	--	--	--	--	--	--	--	--
Pesticides - OPPs	Atrazine	µg/kg	15,300	BCL	--	--	--	--	3	2	0	0	<12	<13	--	--	--	--	--	--	--	--	--
	Chlorpyrifos	µg/kg	912,000	BCL	--	--	--	--	5	4	0	0	<6.5	23 UJ	--	--	--	--	--	--	--	--	--
	Coumaphos	µg/kg	--	--	--	--	--	--	5	4	0	0	<2.8	15 UJ	--	--	--	--	--	--	--	--	--
	Dasanit	µg/kg	--	--	--	--	--	--	5	4	0	0	<8.2	15 UJ	--	--	--	--	--	--	--	--	--
	Demeton (O + S)	µg/kg	36,500	BCL	--	--	--	--	3	2	0	0	<7.5	<7.8	--	--	--	--	--	--	--	--	--
	Demeton-O	µg/kg	--	--	--	--	--	--	5	4	0	0	<5.3	45 UJ	--	--	--	--	--	--	--	--	--
	Demeton-S	µg/kg	--	--	--	--	--	--	5	4	0	0	<4.9	<17	--	--	--	--	--	--	--	--	--
	Diazinon	µg/kg	638,000	BCL	--	--	--	--	5	4	0	0	<7.3	26 UJ	--	--	--	--	--	--	--	--	--
	Dichlorovos	µg/kg	12,200	BCL	--	--	--	--	5	4	0	0	<7.4	27 UJ	--	--	--	--	--	--	--	--	--
	Dimethoate	µg/kg	2,010,000	BCL	--	--	--	--	5	4	0	0	<7.1	26 UJ	--	--	--	--	--	--	--	--	--
	Disulfoton	µg/kg	36,500	BCL	--	--	--	--	5	4	0	0	<7.7	56 UJ	--	--	--	--	--	--	--	--	--
	EPN	µg/kg	9,120	BCL	--	--	--	--	5	4	0	0	<3.7	15 UJ	--	--	--	--	--	--	--	--	--
	Ethoprop	µg/kg	--	--	--	--	--	--	5	4	0	0	<4.9	<17	--	--	--	--	--	--	--	--	--
	Famphur	µg/kg	--	--	--	--	--	--	5	4	0	0	<3.2	15 UJ	--	--	--	--	--	--	--	--	--
	Fenthion	µg/kg	--	--	--	--	--	--	5	4	0	0	<8.7	38 UJ	--	--	--	--	--	--	--	--	--
	Guthion	µg/kg	2,740,000	BCL	--	--	--	--	5	4	0	0	<3.5	15 UJ	--	--	--	--	--	--	--	--	--
	Malathion	µg/kg	18,200,000	BCL	--	--	--	--	5	4	0	0	<4.6	<17	--	--	--	--	--	--	--	--	--
	Merphos	µg/kg	1,030	BCL	--	--	--	--	5	4	0	0	<5.1	35 UJ	--	--	--	--	--	--	--	--	--
	Methyl parathion	µg/kg	228,000	BCL	--	--	--	--	5	4	0	0	<6.4	23 UJ	--	--	--	--	--	--	--	--	--
	Mevinphos	µg/kg	--	--	--	--	--	--	5	4	0	0	<4.6	<17	--	--	--	--	--	--	--	--	--

TABLE 4-17a. STATISTICAL SUMMARY OF ECA C18 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Pesticides - OPPs	Naled	µg/kg	1,290	BCL	--	--	--	--	5	4	0	0	<23	38 UJ	--	--	--	--	--	--	--	--	--
	Parathion	µg/kg	5,470,000	BCL	--	--	--	--	5	4	0	0	<5.3	21 UJ	--	--	--	--	--	--	--	--	--
	Phorate	µg/kg	182,000	BCL	--	--	--	--	5	4	0	0	<5.7	23 UJ	--	--	--	--	--	--	--	--	--
	Prothiophos	µg/kg	--	--	--	--	--	--	5	4	0	0	<3.9	23 UJ	--	--	--	--	--	--	--	--	--
	Ronnel	µg/kg	26,800	BCL	--	--	--	--	5	4	0	0	<15	21 UJ	--	--	--	--	--	--	--	--	--
	Simazine	µg/kg	29,400	BCL	--	--	--	--	3	2	0	0	<22	<23	--	--	--	--	--	--	--	--	--
	Stirophos	µg/kg	147,000	BCL	--	--	--	--	5	4	0	0	<4.4	<17	--	--	--	--	--	--	--	--	--
	Sulfotepp	µg/kg	456,000	BCL	--	--	--	--	5	4	0	0	<6.3	23 UJ	--	--	--	--	--	--	--	--	--
	Sulprofos	µg/kg	--	--	--	--	--	--	5	4	0	0	<4.2	15 UJ	--	--	--	--	--	--	--	--	--
	Thionazin	µg/kg	--	--	--	--	--	--	5	4	0	0	<5.6	21 UJ	--	--	--	--	--	--	--	--	--
	Trichloronate	µg/kg	--	--	--	--	--	--	5	4	0	0	<6.3	23 UJ	--	--	--	--	--	--	--	--	--
Petroleum Indicators	Gasoline Range Organics	mg/kg	--	--	--	--	--	--	23	8	0	0	<0.15	<0.18	--	--	--	--	--	--	--	--	--
	Diesel Range Organics	mg/kg	--	--	--	--	--	--	25	10	17	68	<2.6	<43	2.9 J	230	20	53	66	1.3	RISB-63	--	--
	Petroleum Hydrocarbons	mg/kg	--	--	--	--	--	--	25	10	13	52	<2.6	<43	5.0 J	800	51	190	240	1.3	RISB-59	--	--
	Diesel Range Organics	mg/kg	--	--	--	--	--	--	25	10	17	68	<2.6	<43	2.9 J	230	20	53	66	1.3	RISB-63	--	--
	Petroleum Hydrocarbons	mg/kg	--	--	--	--	--	--	25	10	13	52	<2.6	<43	5.0 J	800	51	190	240	1.3	RISB-59	--	--
	Extractable Fuel Hydrocarbons	mg/kg	--	--	--	--	--	--	23	8	23	100	--	--	2.7 J	1,000	28	140	250	1.9	RISB-59	--	--
Asbestos	Long Amphibole Protocol Structures Count	s/samp	0	SS	--	--	--	--	8	7	0	0	0	0	--	--	--	--	--	--	--	--	N/A
	Long Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	8	7	0	0	0	0	--	--	--	--	--	--	--	--	--
	Long Chrysotile Protocol Structures Count	s/samp	5	SS	--	--	--	--	8	7	0	0	0	0	--	--	--	--	--	--	--	--	--
	Short Amphibole Structures Counts	s/samp	--	--	--	--	--	--	8	7	0	0	0	0	--	--	--	--	--	--	--	--	--
	Short Asbestos Structures Counts	s/samp	--	--	--	--	--	--	8	7	0	0	0	0	--	--	--	--	--	--	--	--	--
	Short Chrysotile Structures Counts	s/samp	--	--	--	--	--	--	8	7	0	0	0	0	--	--	--	--	--	--	--	--	--
	Total Amphibole Protocol Structures Count	s/samp	--	--	--	--	--	--	8	7	0	0	0	0	--	--	--	--	--	--	--	--	--
	Total Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	8	7	0	0	0	0	--	--	--	--	--	--	--	--	--
	Total Chrysotile Protocol Structures Count	s/samp	--	--	--	--	--	--	8	7	0	0	0	0	--	--	--	--	--	--	--	--	--

Notes:

1. Health-based soil screening levels (HSSLs).
   SS: Site-specific values for Arsenic and Dioxin/Furan Toxicity Equivalence (TEQ).
   BCL: Lowest level among all available indoor and outdoor industrial worker Basic Comparison Levels (BCLs), NDEP 2025.
   RSL: Regional Screening Levels for industrial soil, USEPA 2024.

No detections, or maximum detected concentration is below HSSL (if available).
No HSSL available.
Radionuclides were determined to be consistent with background or natural concentration of uranium metal across OU-1.
Essential Nutrient, macronutrient or salt.
Individual VOCs were used to evaluate the nature and extent of impacts in soil from these compounds.

Sources:

[1] NDEP. 2025. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 17, July.

[2] USEPA. 2024. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund sites. November.

[3] NDEP. 2010. NDEP Response to Background Issues and Determination of Background Dataset for TRX. August 17.

[4] TIMET/BRC. 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity.

TABLE 4-17b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA C18
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Hexachlorobenzene (PAHs, µg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	231	696	231	231
Phase A	SA-13	0.5 - 2	11/17/2006	--	--	--	--	--	**0.192**	**2.1**	**6.9 J-**	**9.0**	**6,580 J-**	**1,680**	**0.098 J**	<7.7	<2.0	--	<380
			11/17/2006 (FD)	--	--	--	--	--	**0.12**	**2.3**	**7.2 J-**	**9.5**	**7,030 J-**	**2,320**	**0.26 J**	<7.3	<1.9	--	<370
		10 - 11.5	11/17/2006	--	--	--	--	--	**0.195**	**2.1**	**6.3 J-**	**9.4**	**4,940 J-**	**350 J**	**0.12 J**	--	--	--	<340
Phase B	RSAP8	1.5	8/25/2009	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2 - 3.5	10/23/2009	--	--	<0.52	<2.6	--	**0.75**	**1.91**	**9.2**	**10.6**	**9,390**	**538 J+**	**0.099**	--	<0.91	**1.0 J-**	<0.88
	RSAQ8	1	8/25/2009	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			8/25/2009 (FD)	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		1.5 - 3	10/22/2009	--	--	**1.7**	**8.0**	--	**141**	**30.2**	**190**	**175**	**8,330**	**70,300 J+**	**4.21**	--	<9.0	**97**	**64 J**
	SA-140	1.5 - 3	10/27/2009	--	--	**0.63**	**2.6 J**	--	**0.138**	**3.03**	**22.6**	**12.7**	**8,350**	**12,600 J**	**0.371**	--	0.94 UJ	**5.8 J-**	--
Pre-Excavation	SSAO8-02	0.3 - 0.5	4/14/2010	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAP7-02	0	5/18/2010	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAP8-01	0.5	5/12/2010	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			5/12/2010 (FD)	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAP8-02	4 - 4.5	10/28/2010	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phase 1 RI	M-186D	0.5 - 1	12/08/2014	--	--	**0.53 J**	**2.7 J**	**17**	**100**	**13**	**420**	**27 J-**	**9,000**	**29,000**	**1.7**	--	<2.1	--	<73
			12/08/2014 (FD)	--	--	<0.19	**3.2 J**	**23**	**120**	**11**	**330**	**26 J-**	**11,000**	**25,000**	**1.4**	--	<2.1	--	<72
		5 - 5.5	12/08/2014	--	--	**0.15 J**	**0.41 J**	**2.9**	**13**	**3.6**	**50**	**12**	**9,900**	**3,500**	**0.29 J**	--	<2.1	--	<74
	RISB-58	0.5 - 1	11/12/2014	--	--	--	--	--	**0.039 J-**	**2.7**	**51**	<5.4	**5,700 J**	**12,000 J**	<0.27	--	--	--	--
		5 - 5.5	11/13/2014	--	--	--	--	--	0.010 UJ	**3.0**	**7.0**	**8.5**	**9,700**	**360 J**	<0.27	--	--	--	--
			11/13/2014 (FD)	--	--	--	--	--	**0.62 J-**	**2.3**	**8.8**	**7.0**	**7,200**	**1,600 J**	<0.26	--	--	--	--
		10 - 10.5	11/13/2014	--	--	--	--	--	0.010 UJ	**2.7**	**8.2**	**7.9**	**11,000**	**760**	<0.28	--	--	--	--
	RISB-59	0.8 - 1.3	11/05/2014	--	--	--	--	--	**4.8**	**6.2**	**25**	**22**	**7,100**	**13,000 J**	**0.38 J**	--	--	--	--
		5 - 5.5	11/05/2014	--	--	--	--	--	**2.6**	**1.7**	**6.4**	**7.0**	**8,300**	**400 J**	<0.27	--	--	--	--
			11/05/2014 (FD)	--	--	--	--	--	**2.4**	**1.9**	**6.2**	**7.1**	**6,800**	**360 J**	<0.27	--	--	--	--
		10 - 10.5	11/05/2014	--	--	--	--	--	**2.5**	**3.3**	**7.1**	**7.2**	**11,000**	**340 J**	<0.27	--	--	--	--
	RISB-60	0.5 - 1	11/12/2014	--	--	--	--	--	**0.19 J-**	**38**	**39**	**200**	**7,600 J**	**17,000 J**	**3.3**	--	--	--	--
		5 - 5.5	11/12/2014	--	--	--	--	--	**0.37 J-**	**2.4**	**17**	**19**	**6,800 J**	**24,000 J**	<0.28	--	--	--	--
		10 - 10.5	11/12/2014	--	--	--	--	--	**0.81 J-**	**2.6**	**17**	**15**	**8,300 J**	**16,000 J**	<0.27	--	--	--	--
	RISB-61	0.8 - 1.3	11/05/2014	--	--	--	--	--	**400**	**3.7**	**12**	**14**	**11,000**	**2,400 J**	<0.27	--	--	--	--
		5 - 5.5	11/06/2014	--	--	--	--	--	**63**	**3.1**	**9.0**	**9.1**	**8,500**	**680**	<0.26	--	--	--	--
		10 - 10.5	11/06/2014	--	--	--	--	--	**110**	**4.2**	**11**	**9.3**	**9,600**	**940**	<0.27	--	--	--	--
	RISB-62	0.8 - 1.3	11/11/2014	--	--	--	--	--	<0.010	**2.5**	**9.5**	**11**	**7,900**	**1,500**	<0.27	--	--	--	--
		5 - 5.5	11/11/2014	--	--	--	--	--	<0.010	**2.6**	**8.7**	**8.6**	**7,900**	**380**	<0.27	--	--	--	--
		10 - 10.5	11/11/2014	--	--	--	--	--	<0.010	**2.8**	**8.2**	**7.5**	**11,000**	**2,200**	<0.27	--	--	--	--
	RISB-63	0.5 - 1	11/10/2014	--	--	--	--	--	**49**	**5.3**	**31 J+**	**28 J+**	**7,700**	**15,000**	**0.67**	--	--	--	--
		5 - 5.5	11/10/2014	--	--	--	--	--	**130**	**3.0**	**7.7 J+**	**8.3 J+**	**10,000**	**420**	<0.27	--	--	--	--
		10 - 10.5	11/10/2014	--	--	--	--	--	**92**	**6.8**	**110 J+**	**22 J+**	**9,700**	**18,000**	**0.36 J**	--	--	--	--

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram
pg/g: picograms per gram
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

TABLE 4-18a. STATISTICAL SUMMARY OF ECA D1 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
General Chemistry	Perchlorate	mg/kg	908	BCL	--	--	--	--	1	1	1	100	--	--	222	222	220	220	--	--	EE-D02-1	0	--
Metals	Arsenic	mg/kg	7.2	SS	1.6	4.25	2.5	7.2 J	1	1	1	100	--	--	39.2	39.2	39	39	--	--	EE-D02-1	1	5.4
SVOCs	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	1	1	1	100	--	--	2,700	2,700	2,700	2,700	--	--	EE-D02-1	1	12
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	26.7	BCL	--	--	--	--	1	1	0	0	<110	<110	--	--	--	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	590 JK	590 JK	590	590	--	--	EE-D02-1	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	240 J	240 J	240	240	--	--	EE-D02-1	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	500 J	500 J	500	500	--	--	EE-D02-1	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	581	BCL	--	--	--	--	1	1	1	100	--	--	400 J	400 J	400	400	--	--	EE-D02-1	0	--
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	1,400 J	1,400 J	1,400	1,400	--	--	EE-D02-1	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	2,200 J	2,200 J	2,200	2,200	--	--	EE-D02-1	--	--
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	4,200	4,200	4,200	4,200	--	--	EE-D02-1	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	3,500 J	3,500 J	3,500	3,500	--	--	EE-D02-1	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	1,900 J	1,900 J	1,900	1,900	--	--	EE-D02-1	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	4,800 J	4,800 J	4,800	4,800	--	--	EE-D02-1	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	4,800 J	4,800 J	4,800	4,800	--	--	EE-D02-1	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	790 J	790 J	790	790	--	--	EE-D02-1	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	1,100 J	1,100 J	1,100	1,100	--	--	EE-D02-1	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	18,000	18,000	18,000	18,000	--	--	EE-D02-1	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	7,800	7,800	7,800	7,800	--	--	EE-D02-1	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	46,000	46,000	46,000	46,000	--	--	EE-D02-1	--	--

Notes:

1. Health-based soil screening levels (HSSLs).

SS: Site-specific values for Arsenic and Dioxin/Furan Toxicity Equivalence (TEQ).

BCL: Lowest level among all available indoor and outdoor industrial worker Basic Comparison Levels (BCLs), NDEP 2025.

RSL: Regional Screening Levels for industrial soil, USEPA 2024.

	No detections, or maximum detected concentration is below HSSL (if available).
	No HSSL available.
	Radionuclides were determined to be consistent with background or natural concentration of uranium metal across OU-1.
	Essential Nutrient, macronutrient or salt.
	Individual VOCs were used to evaluate the nature and extent of impacts in soil from these compounds.

Sources:

[1] NDEP. 2025. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 17, July.

[2] USEPA. 2024. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund sites. November.

[3] NDEP. 2010. NDEP Response to Background Issues and Determination of Background Dataset for TRX. August 17.

[4] TIMET/BRC. 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity.

TABLE 4-18b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA D1
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	TCDD (pg/g)	1,9-HxCDD (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	26.7	581	908	7.2	231
2011 Removal Action	EE-D02-1	0	5/17/2011	<110	**400 J**	**222**	**39.2**	**2,700**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram
pg/g: picograms per gram
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

TABLE 4-19a. STATISTICAL SUMMARY OF ECA D2 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	26.7	BCL	--	--	--	--	1	1	0	0	<0.039	<0.039	--	--	--	--	--	--	--	--	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	0	0	<0.063	<0.063	--	--	--	--	--	--	--	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	0	0	<0.055	<0.055	--	--	--	--	--	--	--	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	0.15 J	0.15 J	0.15	0.15	--	--	SSAL3-05	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	581	BCL	--	--	--	--	1	1	1	100	--	--	0.16 JK	0.16 JK	0.16	0.16	--	--	SSAL3-05	0	--
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	0.35 J	0.35 J	0.35	0.35	--	--	SSAL3-05	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	0.44 JK	0.44 JK	0.44	0.44	--	--	SSAL3-05	--	--
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	0.48 JK	0.48 JK	0.48	0.48	--	--	SSAL3-05	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	0.80 J	0.80 J	0.8	0.8	--	--	SSAL3-05	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	0.45 J	0.45 J	0.45	0.45	--	--	SSAL3-05	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	1.6 J	1.6 J	1.6	1.6	--	--	SSAL3-05	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	0.99 J	0.99 J	0.99	0.99	--	--	SSAL3-05	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	0.21 JK	0.21 JK	0.21	0.21	--	--	SSAL3-05	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	0.20 J	0.20 J	0.2	0.2	--	--	SSAL3-05	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	3.3	3.3	3.3	3.3	--	--	SSAL3-05	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	1.4 JK	1.4 JK	1.4	1.4	--	--	SSAL3-05	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	11	11	11	11	--	--	SSAL3-05	--	--
	Total Dioxin/Furan TEQ (Calculated)	pg/g	2,700	SS	--	--	--	--	1	1	1	100	--	--	0.60	0.60	0.6	0.6	--	--	SSAL3-05	0	--
Pesticides - OCPs	Aldrin	µg/kg	205	BCL	--	--	--	--	5	1	0	0	<0.27	<0.38	--	--	--	--	--	--	--	--	--
	alpha-BHC	µg/kg	274,000	BCL	--	--	--	--	5	1	0	0	<0.23	<0.32	--	--	--	--	--	--	--	--	--
	beta-BHC	µg/kg	54,700	BCL	--	--	--	--	5	1	0	0	<0.71	<0.99	--	--	--	--	--	--	--	--	--
	delta-BHC	µg/kg	333,000	BCL	--	--	--	--	5	1	0	0	<0.43	<0.60	--	--	--	--	--	--	--	--	--
	gamma-BHC	µg/kg	11,100	BCL	--	--	--	--	5	1	0	0	<0.49	<0.69	--	--	--	--	--	--	--	--	--
	alpha-Chlordane	µg/kg	500,000	RSL	--	--	--	--	5	1	0	0	<0.34	<0.48	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	µg/kg	500,000	RSL	--	--	--	--	5	1	0	0	<0.28	<0.40	--	--	--	--	--	--	--	--	--
	4,4'-DDD	µg/kg	14,700	BCL	--	--	--	--	5	1	0	0	<0.58	<0.82	--	--	--	--	--	--	--	--	--
	4,4'-DDE	µg/kg	10,300	BCL	--	--	--	--	5	1	2	40	<0.26	<0.27	0.29 J	0.84 J	0.56	0.56	0.39	0.69	SSAL3-05	0	--
	4,4'-DDT	µg/kg	10,600	BCL	--	--	--	--	5	1	0	0	<0.63	<0.88	--	--	--	--	--	--	--	--	--
	Dieldrin	µg/kg	220	BCL	--	--	--	--	5	1	0	0	<0.22	<0.31	--	--	--	--	--	--	--	--	--
	Endosulfan I	µg/kg	--	--	--	--	--	--	5	1	0	0	<0.19	<0.26	--	--	--	--	--	--	--	--	--
	Endosulfan II	µg/kg	--	--	--	--	--	--	5	1	0	0	<0.31	<0.43	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	µg/kg	4,900,000	RSL	--	--	--	--	5	1	0	0	<0.29	<0.41	--	--	--	--	--	--	--	--	--
	Endrin	µg/kg	274,000	BCL	--	--	--	--	5	1	0	0	<0.33	<0.46	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	µg/kg	--	--	--	--	--	--	5	1	0	0	<0.18	<0.26	--	--	--	--	--	--	--	--	--
	Endrin ketone	µg/kg	--	--	--	--	--	--	5	1	0	0	<0.52	<0.73	--	--	--	--	--	--	--	--	--
	Heptachlor	µg/kg	696	BCL	--	--	--	--	5	1	0	0	<0.23	<0.32	--	--	--	--	--	--	--	--	--
	Heptachlor epoxide	µg/kg	366	BCL	--	--	--	--	5	1	0	0	<0.45	<0.64	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	5	1	5	100	--	--	0.63 J	16	7.3	6.5	6.2	0.96	SSAL3-05	0	--
	Methoxychlor	µg/kg	4,560,000	BCL	--	--	--	--	5	1	0	0	<0.48	<0.67	--	--	--	--	--	--	--	--	--
	Toxaphene	µg/kg	3,210	BCL	--	--	--	--	5	1	0	0	<17	<24	--	--	--	--	--	--	--	--	--

Notes:

1. Health-based soil screening levels (HSSLs).
   SS: Site-specific values for Arsenic and Dioxin/Furan Toxicity Equivalence (TEQ).
   BCL: Lowest level among all available indoor and outdoor industrial worker Basic Comparison Levels (BCLs), NDEP 2025.
   RSL: Regional Screening Levels for industrial soil, USEPA 2024.

No detections, or maximum detected concentration is below HSSL (if available).
No HSSL available.
Radionuclides were determined to be consistent with background or natural concentration of uranium metal across OU-1.
Essential Nutrient, macronutrient or salt.
Individual VOCs were used to evaluate the nature and extent of impacts in soil from these compounds.

Sources:

[1] NDEP. 2025. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 17, July.
[2] USEPA. 2024. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund sites. November.
[3] NDEP. 2010. NDEP Response to Background Issues and Determination of Background Dataset for TRX. August 17.
[4] TIMET/BRC. 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity.

TABLE 4-19b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA D2
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)
			HSSL:	26.7	581	2,700	696	231
Pre-Excavation	SSAL3-05	0.5 - 1.5	5/04/2010	<0.039	**0.16 JK**	**0.60**	<0.25	**0.63 J**
		2.5 - 3.5	5/04/2010	--	--	--	<0.23	**1.1 J**
		4.5 - 5.5	5/04/2010	--	--	--	<0.23	**7.3**
		6.5 - 7.5	5/04/2010	--	--	--	<0.23	**7.3**
		8.5 - 9.5	5/04/2010	--	--	--	<0.32	**16**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram
pg/g: picograms per gram
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

TABLE 4-20a. STATISTICAL SUMMARY OF ECA GROUP D3/D4 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
General Chemistry	Ammonia	mg/kg	27,900	BCL	--	--	--	--	30	12	3	10	<0.061	7.1 UJ	0.45 J	1 J+	0.72	0.74	0.3	0.4	SA-127	0	--
	Bicarbonate as HCO_3	mg/kg	--	--	--	--	--	--	8	4	8	100	--	--	17,000	43,000	19,000	22,000	8,600	0.39	RISB-40	--	--
	Bromide	mg/kg	--	--	--	--	--	--	28	11	6	21.4	<0.2	<3.9	0.7 J	2.4	0.8	1.1	0.66	0.61	RSAJ6	--	--
	Carbonate as CO_3	mg/kg	--	--	--	--	--	--	29	11	25	86.2	<0.689	<3	4 J	2,330	190	610	640	1	RSAI7	--	--
	Chlorate	mg/kg	38,900	BCL	--	--	--	--	30	12	28	93.3	<0.052	<0.052	0.078 J	141	1.2	7.1	26	3.7	RSAJ6	0	--
	Chloride	mg/kg	--	--	--	--	--	--	31	13	29	93.5	<4.69	<4.69	4.2	3,280	110	350	710	2	RSAJ6	--	--
	Cyanide (total)	mg/kg	164	BCL	--	--	--	--	18	8	0	0	<0.218	0.58 UJ	--	--	--	--	--	--	--	--	--
	Fluoride	mg/kg	51,900	BCL	--	--	--	--	1	1	0	0	<3.7	<3.7	--	--	--	--	--	--	--	--	--
	Hydroxide	mg/kg	--	--	--	--	--	--	8	4	0	0	<170	<190	--	--	--	--	--	--	--	--	--
	Nitrate (as NO_3)	mg/kg	100,000	BCL	--	--	--	--	31	13	25	80.6	<1.6	<1.6	0.93 J+	150 J+	19	31	35	1.1	RSAJ6	0	--
	Nitrate Nitrite as N	mg/kg	--	--	--	--	--	--	8	4	8	100	--	--	1.5 J	7.1	2	2.8	1.8	0.66	RISB-41	--	--
	Nitrite	mg/kg	120,000	RSL	--	--	--	--	31	13	1	3.2	<0.001	<1.4	0.15	0.15	0.15	0.15	--	--	RSAJ6	0	--
	Perchlorate	mg/kg	908	BCL	--	--	--	--	33	15	33	100	--	--	0.014 J	32.5	1.3	4.9	8.1	1.7	RSAK3	0	--
	ortho-Phosphate	mg/kg	--	--	--	--	--	--	10	6	2	20	<4.1	<4.4	3.7 J	4.8 J	4.2	4.2	0.78	0.18	SA-23	--	--
	Sulfate	mg/kg	--	--	--	--	--	--	31	13	30	96.8	<0.52	<0.52	6.8	1,600	120	220	310	1.4	RSAJ6	--	--
Metals	Aluminum	mg/kg	100,000	BCL	7,340	11,400	3,740 J	15,300 J	30	12	30	100	--	--	6,550	11,900	9,200	9,000	1,300	0.15	RSAJ7	0	--
	Antimony	mg/kg	3,450	BCL	0.5 UJ	3.4	0.12 J-	0.5 J-	30	12	7	23.3	0.3 UJ	0.6 UJ	0.13 J-	0.32 J-	0.17	0.19	0.061	0.33	RSAJ7	0	--
	Arsenic	mg/kg	7.2	SS	1.6	4.25	2.5	7.2 J	34	15	34	100	--	--	1.38	7.27	3.6	3.7	1.5	0.4	RSAI5	1	1
	Barium	mg/kg	100,000	BCL	111	213	73	445 J	31	13	31	100	--	--	115	299	180	180	35	0.19	RSAI7	0	--
	Beryllium	mg/kg	6,130	BCL	0.362	0.588 J	0.16 J	0.89	22	8	22	100	--	--	0.327	0.563	0.5	0.48	0.063	0.13	RSAK7	0	--
	Boron	mg/kg	100,000	BCL	3.6 J	11.7	<3.2	11.6 J+	31	13	27	87.1	<1.1	2.7 UJ	1.5 J	108	7	11	20	1.9	RSAJ5	0	--
	Cadmium	mg/kg	8,180	BCL	<0.04	0.48	<0.129	<0.129	31	13	12	38.7	<0.04	<0.27	0.06 J	0.391	0.12	0.14	0.091	0.63	RSAJ7	0	--
	Calcium	mg/kg	--	--	--	--	9,440	82,800 J	22	8	22	100	--	--	14,000	60,400	30,000	30,000	11,000	0.36	RSAK3	--	--
	Chromium (total)	mg/kg	--	--	5.57	10.7 J	2.6	16.7	31	13	31	100	--	--	4.84	36.9	8.7	11	6	0.56	RSAJ7	--	--
	Chromium VI	mg/kg	564	BCL	<0.18	0.29 J	<0.25	<0.32	31	13	3	9.7	<0.101	<0.45	0.22 J	1.41	0.49	0.71	0.62	0.88	RSAJ7	0	--
	Cobalt	mg/kg	385	BCL	5.4	9.1	3.7 J	16.3 J	32	14	32	100	--	--	1.7	13.1 J	7	6.9	1.9	0.28	RSAJ7	0	--
	Copper	mg/kg	51,900	BCL	15.8	140	10.2	25.9 J	30	12	30	100	--	--	13.1	24.9	17	17	2.2	0.13	RSAJ7	0	--
	Iron	mg/kg	100,000	BCL	11,300	20,600	5,410	19,700	31	13	31	100	--	--	10,500	33,000	15,000	15,000	3,700	0.24	DSPE-8	0	--
	Lead	mg/kg	800	BCL	7.1	72.8	3 J	35.1	33	15	33	100	--	--	5.5	26.9	9.2	10	4.1	0.41	RSAJ7	0	--
	Magnesium	mg/kg	100,000	BCL	7,700	13,000	4,690 J	17,500 J	36	18	36	100	--	--	6,660 J-	189,000	11,000	35,000	57,000	1.6	DS-DB-1	5	1.9
	Manganese	mg/kg	100,000	BCL	262	537	151	863 J	33	15	33	100	--	--	77.1	1,990	390	450	320	0.72	RSAJ7	0	--
	Mercury	mg/kg	3.13	BCL	0.006 J	0.362	<0.0072	0.11	31	13	30	96.8	<0.012	<0.012	0.004 J	0.26 J	0.013	0.033	0.058	1.8	RISB-39	0	--
	Molybdenum	mg/kg	6,490	BCL	<0.31	32.7	0.3 J	2	30	12	21	70	<0.1	<1.1	0.2	1.67	0.52	0.56	0.37	0.66	RSAJ5	0	--
	Nickel	mg/kg	50,300	BCL	12.7	21.4	7.9 J	30 J	30	12	30	100	--	--	10.3	19	14	14	2	0.14	RSAI4	0	--
	Niobium	mg/kg	130	BCL	--	--	1.01 UJ-	1.01 UJ-	1	1	1	100	--	--	2.3 J	2.3 J	2.3	2.3	--	--	RISB-40	0	--
	Palladium	mg/kg	--	--	--	--	0.16	1.5	8	4	0	0	<0.050	<0.058	--	--	--	--	--	--	--	--	--
	Phosphorus (total)	mg/kg	100,000	BCL	--	--	862	2,010	29	11	29	100	--	--	406	1,300 J	930	920	260	0.28	RISB-39	0	--
	Platinum	mg/kg	5,190	BCL	0.006 J	<0.11	<0.0435	0.099 J	22	8	7	31.8	<0.007	<0.02	0.006 J	0.045 J	0.01	0.015	0.014	0.92	SA-127	0	--
	Potassium	mg/kg	--	--	1,450	4,210	625	3,890	22	8	22	100	--	--	1,570	3,560	2,100	2,200	490	0.22	RSAJ5	--	--
	Selenium	mg/kg	6,490	BCL	<0.7	<4.3	<0.158	0.6	31	13	0	0	<0.13	<1.8	--	--	--	--	--	--	--	--	--
	Silicon	mg/kg	--	--	--	--	335 J	4,150	8	4	8	100	--	--	92 J	140 J	110	110	15	0.14	RISB-41	--	--
	Silver	mg/kg	100,000	BCL	<0.2	<0.2	<0.261	<0.261	31	13	5	16.1	<0.022	<0.94	0.036 J	2.4	0.12	0.55	1	1.9	SA-202	0	--
	Sodium	mg/kg	--	--	307	1,050	128	1,320	22	8	22	100	--	--	470	4,250	1,300	1,900	1,300	0.67	SA-127	--	--
	Strontium	mg/kg	100,000	BCL	129	339	75.5	808 J	30	12	30	100	--	--	126 J	469	220	240	96	0.41	RSAJ5	0	--
	Sulfur	mg/kg	--	--	--	--	--	--	1	0	1	100	--	--	1,000 J	1,000 J	1,000	1,000	--	--	RISB-39	--	--
	Thallium	mg/kg	13	BCL	0.071	0.193 J	<0.543	1.8	30	12	22	73.3	<0.26	<0.27	0.063	0.257	0.092	0.11	0.049	0.45	RSAJ7	0	--
	Tin	mg/kg	100,000	BCL	<10.2	<11	0.24 J	0.8 J	22	8	22	100	--	--	0.51	5.6 J	3.8	3.5	1.2	0.34	RSAK3	0	--
	Titanium	mg/kg	100,000	BCL	480	1,080	262	1,010 J	22	8	22	100	--	--	410	983 J	800	750	140	0.19	RSAJ7	0	--
	Tungsten	mg/kg	1,040	BCL	<0.11	0.62	0.0175 UJ	0.0175 UJ	30	12	22	73.3	5.1 UJ	5.5 UJ	0.1 J	0.79 J-	0.26	0.34	0.21	0.63	RSAJ5	0	--
	Uranium (total)	mg/kg	3,830	BCL	0.655	1.94	0.62 J	2.7	30	12	30	100	--	--	0.567	2.53	1.2	1.4	0.58	0.43	RSAJ6	0	--
	Vanadium	mg/kg	100,000	BCL	28	54.9	20.2	59.1 J	22	8	22	100	--	--	24.3 J-	54.3	45	43	7	0.16	RSAI5	0	--
	Zinc	mg/kg	100,000	BCL	25.8	254	15.4	121	30	12	30	100	--	--	23.6	65.3 J	31	33	8.2	0.25	RSAJ7	0	--
	Zirconium	mg/kg	104	BCL	--	--	86.1 J	179 J	8	4	8	100	--	--	20	26	20	21	2.1	0.1	RISB-40	0	--
Radionuclides	Radium-226	pCi/g	0.023	BCL	--	--	0.494 J	2.36	30	12	30	100	--	--	0.0402 U	1.89	0.99	1	0.4	0.39	RSAJ5	30	82
	Radium-228	pCi/g	0.046	BCL	--	--	0.946 U	2.92	30	12	30	100	--	--	0.195 UJ	4.84	1.2	1.4	0.9	0.63	RSAJ7	30	110
	Thorium-228	pCi/g	0.026	BCL	--	--	1.15	2.28	29	11	29	100	--	--	0.848	2.20	1.8	1.8	0.27	0.15	RSAJ7	29	85

TABLE 4-20a. STATISTICAL SUMMARY OF ECA GROUP D3/D4 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Radionuclides	Thorium-230	pCi/g	14	BCL	--	--	0.73 J	3.01	29	11	29	100	--	--	0.845	2.61	1.2	1.3	0.39	0.3	RSAJ5	0	--
	Thorium-232	pCi/g	13	BCL	--	--	1.22	2.23	29	11	29	100	--	--	0.711 J	2.25	1.5	1.6	0.41	0.26	RSAI5	0	--
	Uranium-234	pCi/g	18	BCL	--	--	0.63 U	2.84	29	11	29	100	--	--	0.686	1.77	1.1	1.2	0.31	0.26	RSAJ6	0	--
	Uranium-235	pCi/g	0.33	BCL	--	--	0.0009	0.21 J	29	11	29	100	--	--	-0.0242 U	0.210 J	0.061	0.073	0.042	0.57	RISB-39	0	--
	Uranium-238	pCi/g	1.5	BCL	--	--	0.65 J	2.37	29	11	29	100	--	--	0.565	1.54	1	1.1	0.24	0.22	RSAJ5	1	1
VOCs	Acetone	µg/kg	100,000,000	BCL	--	--	--	--	39	17	19	48.7	<1.7	15 UJ	4.0 J	35	7.7	12	9.3	0.81	RSAJ7	0	--
	t-Amyl methyl ether	µg/kg	--	--	--	--	--	--	39	17	0	0	<0.070	<5.8	--	--	--	--	--	--	--	--	--
	Benzene	µg/kg	5,310	BCL	--	--	--	--	39	17	0	0	<0.14	5.8 UJ	--	--	--	--	--	--	--	--	--
	Bromobenzene	µg/kg	679,000	BCL	--	--	--	--	39	17	0	0	<0.19	<5.8	--	--	--	--	--	--	--	--	--
	Bromochloromethane	µg/kg	628,000	BCL	--	--	--	--	39	17	0	0	<0.21	<5.8	--	--	--	--	--	--	--	--	--
	Bromodichloromethane	µg/kg	1,300	BCL	--	--	--	--	39	17	0	0	<0.14	5.8 UJ	--	--	--	--	--	--	--	--	--
	Bromoform	µg/kg	95,300	BCL	--	--	--	--	39	17	0	0	<0.27	<5.8	--	--	--	--	--	--	--	--	--
	Bromomethane	µg/kg	30,300	BCL	--	--	--	--	39	17	0	0	<0.29	12 UJ	--	--	--	--	--	--	--	--	--
	2-Butanone	µg/kg	28,400,000	BCL	--	--	--	--	39	17	3	7.7	<0.48	<12	0.57 J	0.93 J	0.77	0.76	0.18	0.24	SA-127	0	--
	n-Butylbenzene	µg/kg	108,000	BCL	--	--	--	--	39	17	0	0	<0.37	5.8 UJ	--	--	--	--	--	--	--	--	--
	sec-Butylbenzene	µg/kg	145,000	BCL	--	--	--	--	39	17	0	0	<0.29	5.8 UJ	--	--	--	--	--	--	--	--	--
	tert-Butylbenzene	µg/kg	183,000	BCL	--	--	--	--	39	17	0	0	<0.21	5.8 UJ	--	--	--	--	--	--	--	--	--
	Carbon tetrachloride	µg/kg	2,960	BCL	--	--	--	--	39	17	0	0	<0.29	5.8 UJ	--	--	--	--	--	--	--	--	--
	Chlorobenzene	µg/kg	1,370,000	BCL	--	--	--	--	39	17	0	0	<0.14	5.8 UJ	--	--	--	--	--	--	--	--	--
	Chloroethane	µg/kg	2,120,000	BCL	--	--	--	--	39	17	0	0	0.21 UJ	5.8 UJ	--	--	--	--	--	--	--	--	--
	Chloroform	µg/kg	1,390	BCL	--	--	--	--	39	17	4	10.3	0.15 UJ	<5.8	0.50 J	1.3 J	0.57	0.74	0.38	0.51	RSAK3	0	--
	Chloromethane	µg/kg	464,000	BCL	--	--	--	--	39	17	0	0	<0.19	5.8 UJ	--	--	--	--	--	--	--	--	--
	2-Chlorotoluene	µg/kg	907,000	BCL	--	--	--	--	39	17	0	0	<0.28	<5.8	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	µg/kg	26,000,000	BCL	--	--	--	--	39	17	0	0	<0.34	5.8 UJ	--	--	--	--	--	--	--	--	--
	Cumene	µg/kg	10,400,000	BCL	--	--	--	--	39	17	0	0	<0.18	5.8 UJ	--	--	--	--	--	--	--	--	--
	p-Cymene	µg/kg	147,000	BCL	--	--	--	--	39	17	0	0	<0.28	5.8 UJ	--	--	--	--	--	--	--	--	--
	1,2-Dibromo-3-chloropropane	µg/kg	64.9	BCL	--	--	--	--	39	17	0	0	<0.44	<5.8	--	--	--	--	--	--	--	--	--
	Dibromochloromethane	µg/kg	43,300	BCL	--	--	--	--	39	17	0	0	<0.21	<5.8	--	--	--	--	--	--	--	--	--
	1,2-Dibromoethane	µg/kg	168	BCL	--	--	--	--	39	17	0	0	<0.19	<5.8	--	--	--	--	--	--	--	--	--
	Dibromomethane	µg/kg	98,900	BCL	--	--	--	--	39	17	0	0	<0.21	<5.8	--	--	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	µg/kg	376,000	BCL	--	--	--	--	39	17	0	0	<0.22	5.8 UJ	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	µg/kg	373,000	BCL	--	--	--	--	39	17	0	0	<0.31	5.8 UJ	--	--	--	--	--	--	--	--	--
	1,4-Dichlorobenzene	µg/kg	11,500	BCL	--	--	--	--	39	17	0	0	<0.38	5.8 UJ	--	--	--	--	--	--	--	--	--
	Dichlorodifluoromethane	µg/kg	368,000	BCL	--	--	--	--	39	17	0	0	<0.33	5.8 UJ	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethane	µg/kg	15,800	BCL	--	--	--	--	39	17	0	0	<0.11	5.8 UJ	--	--	--	--	--	--	--	--	--
	1,2-Dichloroethane	µg/kg	2,100	BCL	--	--	--	--	39	17	0	0	<0.17	5.8 UJ	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethene	µg/kg	20,000	BCL	--	--	--	--	39	17	0	0	<0.21	5.8 UJ	--	--	--	--	--	--	--	--	--
	cis-1,2-Dichloroethene	µg/kg	400,000	BCL	--	--	--	--	39	17	0	0	<0.14	<5.8	--	--	--	--	--	--	--	--	--
	trans-1,2-Dichloroethene	µg/kg	304,000	BCL	--	--	--	--	39	17	0	0	<0.20	5.8 UJ	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	µg/kg	11,700	BCL	--	--	--	--	39	17	0	0	<0.17	<5.8	--	--	--	--	--	--	--	--	--
	1,3-Dichloropropane	µg/kg	26,000,000	BCL	--	--	--	--	39	17	0	0	<0.19	<5.8	--	--	--	--	--	--	--	--	--
	2,2-Dichloropropane	µg/kg	--	--	--	--	--	--	39	17	0	0	<0.18	5.8 UJ	--	--	--	--	--	--	--	--	--
	1,1-Dichloropropene	µg/kg	--	--	--	--	--	--	39	17	0	0	<0.26	<5.8	--	--	--	--	--	--	--	--	--
	cis-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	39	17	0	0	<0.19	<5.8	--	--	--	--	--	--	--	--	--
	trans-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	39	17	0	0	<0.23	5.8 UJ	--	--	--	--	--	--	--	--	--
	Diisopropyl ether	µg/kg	2,260,000	BCL	--	--	--	--	39	17	0	0	<0.16	<5.8	--	--	--	--	--	--	--	--	--
	Ethyl benzene	µg/kg	26,600	BCL	--	--	--	--	39	17	0	0	0.37 UJ	<5.8	--	--	--	--	--	--	--	--	--
	Ethyl tert-butyl ether	µg/kg	560,000	RSL	--	--	--	--	39	17	0	0	<0.16	<5.8	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	µg/kg	5,610	BCL	--	--	--	--	39	17	2	5.1	<0.48	5.8 UJ	1.1 J	3.0 J	2	2	1.3	0.66	RSAJ5	0	--
	2-Hexanone	µg/kg	1,490,000	BCL	--	--	--	--	39	17	0	0	<0.44	<12	--	--	--	--	--	--	--	--	--
	Methyl tert-butyl ether	µg/kg	217,000	BCL	--	--	--	--	39	17	0	0	<0.14	5.8 UJ	--	--	--	--	--	--	--	--	--
	Methylene Chloride	µg/kg	1,130,000	BCL	--	--	--	--	39	17	13	33.3	<0.26	9.7 UJ	0.25 J	1.8 J	0.6	0.69	0.42	0.61	RSAJ6	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	39	17	0	0	<0.58	5.8 UJ	--	--	--	--	--	--	--	--	--
	4-Methyl-2-pentanone	µg/kg	3,360,000	BCL	--	--	--	--	39	17	3	7.7	<0.41	<12	0.92 J	3.4 J	1.6	2	1.3	0.65	RSAJ7	0	--
	n-Propylbenzene	µg/kg	264,000	BCL	--	--	--	--	39	17	0	0	<0.25	5.8 UJ	--	--	--	--	--	--	--	--	--
	Styrene	µg/kg	867,000	BCL	--	--	--	--	39	17	0	0	0.16 UJ	5.8 UJ	--	--	--	--	--	--	--	--	--

TABLE 4-20a. STATISTICAL SUMMARY OF ECA GROUP D3/D4 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	1,1,1,2-Tetrachloroethane	µg/kg	9,070	BCL	--	--	--	--	39	17	0	0	<0.16	<5.8	--	--	--	--	--	--	--	--	--
	1,1,2,2-Tetrachloroethane	µg/kg	2,910	BCL	--	--	--	--	39	17	0	0	<0.21	<5.8	--	--	--	--	--	--	--	--	--
	Tetrachloroethene	µg/kg	107,000	BCL	--	--	--	--	39	17	0	0	0.24 UJ	5.8 UJ	--	--	--	--	--	--	--	--	--
	Toluene	µg/kg	818,000	BCL	--	--	--	--	39	17	12	30.8	<0.21	<5.8	0.26 J	3.6 J	0.67	1.1	1.1	1	RSAJ7	0	--
	1,2,3-Trichlorobenzene	µg/kg	151,000	BCL	--	--	--	--	39	17	3	7.7	<0.46	5.8 UJ	1.8 J	4.8 J	3.2	3.3	1.5	0.46	RSAK7	0	--
	1,2,4-Trichlorobenzene	µg/kg	125,000	BCL	--	--	--	--	39	17	6	15.4	<0.48	5.8 UJ	0.66 J	2.4 J	1.4	1.5	0.62	0.42	RSAK7	0	--
	1,1,1-Trichloroethane	µg/kg	640,000	BCL	--	--	--	--	39	17	0	0	<0.14	5.8 UJ	--	--	--	--	--	--	--	--	--
	1,1,2-Trichloroethane	µg/kg	5,280	BCL	--	--	--	--	39	17	0	0	<0.15	<5.8	--	--	--	--	--	--	--	--	--
	Trichloroethene	µg/kg	6,310	BCL	--	--	--	--	39	17	1	2.6	<0.26	5.8 UJ	0.50 J-	0.50 J-	0.5	0.5	--	--	RSAI7	0	--
	Trichlorofluoromethane	µg/kg	1,230,000	BCL	--	--	--	--	39	17	0	0	<0.21	5.8 UJ	--	--	--	--	--	--	--	--	--
	1,2,3-Trichloropropane	µg/kg	121	BCL	--	--	--	--	39	17	0	0	<0.34	<5.8	--	--	--	--	--	--	--	--	--
	1,2,4-Trimethylbenzene	µg/kg	219,000	BCL	--	--	--	--	39	17	0	0	<0.24	5.8 UJ	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	µg/kg	182,000	BCL	--	--	--	--	39	17	0	0	<0.19	5.8 UJ	--	--	--	--	--	--	--	--	--
	Vinyl chloride	µg/kg	1,870	BCL	--	--	--	--	39	17	0	0	<0.15	<5.8	--	--	--	--	--	--	--	--	--
	m,p-Xylene	µg/kg	--	--	--	--	--	--	38	16	0	0	<0.40	1.9 UJ	--	--	--	--	--	--	--	--	--
	o-Xylene	µg/kg	434,000	BCL	--	--	--	--	38	16	0	0	0.31 UJ	0.97 UJ	--	--	--	--	--	--	--	--	--
	Xylenes (total)	µg/kg	260,000	BCL	--	--	--	--	1	1	0	0	12 UJ	12 UJ	--	--	--	--	--	--	--	--	--
	tert Butyl alcohol	µg/kg	7,270,000	BCL	--	--	--	--	39	17	0	0	<4.4	19 UJ	--	--	--	--	--	--	--	--	--
SVOCs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	40	13	0	0	<1.1	<380	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	40	13	0	0	<0.75	<380	--	--	--	--	--	--	--	--	--
	Aniline	µg/kg	619,000	BCL	--	--	--	--	9	5	0	0	<87	<150	--	--	--	--	--	--	--	--	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	40	13	0	0	<1.2	<380	--	--	--	--	--	--	--	--	--
	Benzidine	µg/kg	15.3	BCL	--	--	--	--	8	4	0	0	680 UJ	720 UJ	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	40	13	4	10	<0.58	<380	1.4 J	33 J	17	17	15	0.86	RSAJ7	0	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	40	13	1	2.5	<0.68	<380	9.7 J	9.7 J	9.7	9.7	--	--	RSAK5	0	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	40	13	5	12.5	<1.2	<380	2.8 J	140 J	37	46	55	1.2	SSAK7-02	0	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	40	13	2	5	<1.21686	<380	7.5 J	33 J	20	20	18	0.89	RSAJ7	0	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	40	13	4	10	<0.84	<380	1.8 J	29 J	17	16	14	0.84	RSAJ6	0	--
	Benzoic acid	µg/kg	100,000,000	BCL	--	--	--	--	9	5	0	0	<350	<380	--	--	--	--	--	--	--	--	--
	Benzyl alcohol	µg/kg	91,200,000	BCL	--	--	--	--	9	5	0	0	<150	<430	--	--	--	--	--	--	--	--	--
	4-Bromophenyl-phenyl ether	µg/kg	--	--	--	--	--	--	9	5	0	0	<59	<82	--	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	µg/kg	1,860,000	BCL	--	--	--	--	40	13	2	5	<1.90026	<380	3.7 J	6.6 J	5.2	5.2	2.1	0.4	SA-202	0	--
	4-Chloroaniline	µg/kg	17,600	BCL	--	--	--	--	9	5	0	0	<140	<160	--	--	--	--	--	--	--	--	--
	2-Chloronaphthalene	µg/kg	175,000	BCL	--	--	--	--	9	5	0	0	<52	<74	--	--	--	--	--	--	--	--	--
	2-Chlorophenol	µg/kg	6,490,000	BCL	--	--	--	--	9	5	0	0	<55	<77	--	--	--	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	µg/kg	--	--	--	--	--	--	9	5	0	0	<87	<210	--	--	--	--	--	--	--	--	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	40	13	6	15	<0.99	<380	4.6 J	90	34	42	33	0.79	RSAJ6	0	--
	Di-n-butylphthalate	µg/kg	91,200,000	BCL	--	--	--	--	40	13	7	17.5	<28	<720	36 J	96 J	54	55	20	0.37	SA-127	0	--
	Di-n-octylphthalate	µg/kg	9,120,000	BCL	--	--	--	--	40	13	1	2.5	<0.80807	<380	1.8 J	1.8 J	1.8	1.8	--	--	SA-127	0	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	40	13	0	0	<0.78	<380	--	--	--	--	--	--	--	--	--
	Dibenzofuran	µg/kg	171,000	BCL	--	--	--	--	9	5	0	0	<69	<150	--	--	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	µg/kg	7,840	BCL	--	--	--	--	9	5	0	0	<120	<160	--	--	--	--	--	--	--	--	--
	2,4-Dichlorophenol	µg/kg	2,740,000	BCL	--	--	--	--	9	5	0	0	<52	<74	--	--	--	--	--	--	--	--	--
	Diethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	40	13	0	0	<5.5	<2,600	--	--	--	--	--	--	--	--	--
	2,4-Dimethylphenol	µg/kg	18,200,000	BCL	--	--	--	--	9	5	0	0	<100	<140	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	40	13	1	2.5	<0.90	<380	44 J	44 J	44	44	--	--	SSAK7-02	0	--
	2,4-Dinitrophenol	µg/kg	1,820,000	BCL	--	--	--	--	9	5	0	0	<340	<790	--	--	--	--	--	--	--	--	--
	2,4-Dinitrotoluene	µg/kg	11,400	BCL	--	--	--	--	9	5	0	0	<63	<88	--	--	--	--	--	--	--	--	--
	2,6-Dinitrotoluene	µg/kg	2,350	BCL	--	--	--	--	9	5	0	0	<75	<100	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	µg/kg	27,200	BCL	--	--	--	--	31	8	0	0	<2.62796	<380	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	40	13	5	12.5	<1.0669	<380	1.8 J	120	16	40	50	1.2	RSAJ6	0	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	40	13	0	0	<0.70	<380	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	59	26	42	71.2	<0.85	<380	3.0 J	300,000	2,800	31,000	66,000	2.2	SA-127	30	1,300
	Hexachlorocyclopentadiene	µg/kg	7,460	BCL	--	--	--	--	9	5	0	0	<140	<330	--	--	--	--	--	--	--	--	--
	Hexachloroethane	µg/kg	8,470	BCL	--	--	--	--	9	5	0	0	<73	<150	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	40	13	2	5	<0.90	<380	1.4 J	6.5 J	4	4	3.6	0.91	RSAK5	0	--

TABLE 4-20a. STATISTICAL SUMMARY OF ECA GROUP D3/D4 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
SVOCs	Isophorone	µg/kg	3,710,000	BCL	--	--	--	--	9	5	0	0	<52	<74	--	--	--	--	--	--	--	--	--
	1-Methylnaphthalene	µg/kg	770	BCL	--	--	--	--	11	7	1	9.1	<0.58	<160	1.1 J	1.1 J	1.1	1.1	--	--	DS-DB-1	0	--
	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	40	13	0	0	<0.57	<380	--	--	--	--	--	--	--	--	--
	2-Methylphenol	µg/kg	45,600,000	BCL	--	--	--	--	9	5	0	0	<63	<88	--	--	--	--	--	--	--	--	--
	3&4-Methylphenol	µg/kg	16,000,000	RSL	--	--	--	--	9	5	0	0	<100	<150	--	--	--	--	--	--	--	--	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	40	13	1	2.5	<0.85	<380	1.4 J	1.4 J	1.4	1.4	--	--	SA-127	0	--
	2-Nitroaniline	µg/kg	8,840,000	BCL	--	--	--	--	9	5	0	0	<69	<180	--	--	--	--	--	--	--	--	--
	3-Nitroaniline	µg/kg	--	--	--	--	--	--	9	5	0	0	<100	<150	--	--	--	--	--	--	--	--	--
	4-Nitroaniline	µg/kg	176,000	BCL	--	--	--	--	9	5	0	0	<100	<150	--	--	--	--	--	--	--	--	--
	Nitrobenzene	µg/kg	22,500	BCL	--	--	--	--	40	13	0	0	<1.22338	<380	--	--	--	--	--	--	--	--	--
	2-Nitrophenol	µg/kg	--	--	--	--	--	--	9	5	0	0	<100	<150	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	µg/kg	7,290,000	BCL	--	--	--	--	9	5	0	0	<140	<520	--	--	--	--	--	--	--	--	--
	n-Nitrosodiphenylamine	µg/kg	720,000	BCL	--	--	--	--	9	5	0	0	<82	<170	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	µg/kg	--	--	--	--	--	--	40	13	18	45	<1.96341	<2,500	21	21,000 J	750	2,600	5,200	2	RSAJ6	--	--
	Pentachlorophenol	µg/kg	8,450	BCL	--	--	--	--	9	5	0	0	<270	<370	--	--	--	--	--	--	--	--	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	40	13	2	5	<1.09644	<380	2.2 J	2.9 J	2.5	2.5	0.49	0.19	SA-202	0	--
	Phenol	µg/kg	100,000,000	BCL	--	--	--	--	9	5	0	0	<71	<99	--	--	--	--	--	--	--	--	--
	Phthalic acid	µg/kg	100,000,000	BCL	--	--	--	--	8	4	0	0	<1,300	<1,400	--	--	--	--	--	--	--	--	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	40	13	8	20	<0.81337	<380	2.1 J	73	14	27	29	1.1	RSAJ7	0	--
	Pyridine	µg/kg	1,300,000	BCL	--	--	--	--	40	13	0	0	<16.3531	<1,900	--	--	--	--	--	--	--	--	--
	2,4,5-Trichlorophenol	µg/kg	91,200,000	BCL	--	--	--	--	9	5	0	0	<130	<210	--	--	--	--	--	--	--	--	--
	2,4,6-Trichlorophenol	µg/kg	321,000	BCL	--	--	--	--	9	5	0	0	<77	<170	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	µg/kg	2,740,000	BCL	--	--	--	--	9	5	0	0	<100	<150	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	µg/kg	1,150	BCL	--	--	--	--	9	5	0	0	<55	<77	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	µg/kg	252,000	BCL	--	--	--	--	40	13	7	17.5	<50	<2,900	75 J	290 J	110	130	71	0.54	RSAJ7	0	--
	4-Chloro-3-methylphenol	µg/kg	91,200,000	BCL	--	--	--	--	9	5	0	0	<72	<160	--	--	--	--	--	--	--	--	--
	n-Nitroso-di-n-propylamine	µg/kg	504	BCL	--	--	--	--	9	5	0	0	<55	<77	--	--	--	--	--	--	--	--	--
PAHs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	11	7	0	0	<0.56	<4.4	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	11	7	0	0	<0.39	<4.4	--	--	--	--	--	--	--	--	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	11	7	0	0	<0.47	<4.4	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	11	7	2	18.2	<4.1	<4.4	0.79 J	1.6 J	1.2	1.2	0.57	0.48	DS-DB-1	0	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	11	7	1	9.1	<0.48	<4.4	1.5 J	1.5 J	1.5	1.5	--	--	DS-DB-1	0	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	11	7	4	36.4	4.1 UJ	<4.4	1.3 J	5.3 J	3.6	3.4	1.8	0.52	RISB-41	0	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	11	7	0	0	<1.2	<4.4	--	--	--	--	--	--	--	--	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	11	7	1	9.1	<0.91	<4.4	1.6 J	1.6 J	1.6	1.6	--	--	DS-DB-1	0	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	11	7	3	27.3	<4.1	<4.4	1.2 J	4.5 J	3	2.9	1.7	0.57	RISB-40	0	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	11	7	0	0	<1.4	<4.4	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	11	7	4	36.4	4.1 UJ	<4.4	2.2 J	4.7 J	3.7	3.6	1.1	0.32	RISB-40	0	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	11	7	0	0	<0.58	<4.4	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	11	7	1	9.1	<0.57	<4.4	1.2 J	1.2 J	1.2	1.2	--	--	DS-DB-1	0	--
	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	2	2	1	50	<0.55	<0.55	1.3 J	1.3 J	1.3	1.3	--	--	DS-DB-1	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	11	7	1	9.1	<0.40	<4.4	1.9 J	1.9 J	1.9	1.9	--	--	DS-DB-1	0	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	11	7	2	18.2	<4.1	<4.4	1.9 J	2.6 J	2.2	2.2	0.49	0.22	DS-DB-1	0	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	11	7	2	18.2	<4.1	<4.4	1.7 J	3.0 J	2.4	2.4	0.92	0.39	DS-DB-1	0	--
PCBs	Aroclor-1016	µg/kg	45,200	BCL	--	--	--	--	2	2	0	0	<18	<38	--	--	--	--	--	--	--	--	--
	Aroclor-1221	µg/kg	1,280	BCL	--	--	--	--	2	2	0	0	<18	<38	--	--	--	--	--	--	--	--	--
	Aroclor-1232	µg/kg	1,060	BCL	--	--	--	--	2	2	0	0	<18	<38	--	--	--	--	--	--	--	--	--
	Aroclor-1242	µg/kg	1,550	BCL	--	--	--	--	2	2	0	0	<18	<38	--	--	--	--	--	--	--	--	--
	Aroclor-1248	µg/kg	1,560	BCL	--	--	--	--	2	2	0	0	<18	<38	--	--	--	--	--	--	--	--	--
	Aroclor-1254	µg/kg	1,600	BCL	--	--	--	--	2	2	0	0	<18	<38	--	--	--	--	--	--	--	--	--
	Aroclor-1260	µg/kg	1,650	BCL	--	--	--	--	10	6	0	0	<17	<38	--	--	--	--	--	--	--	--	--
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	26.7	BCL	--	--	--	--	43	27	39	90.7	<0.055	<0.44	0.23 J	2,100 J	35	330	510	1.6	SA-127	23	79
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	43	27	41	95.3	<0.11	<0.186	0.68 J	6,400 J	150	950	1,600	1.6	SA-127	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	43	27	40	93	<0.090	<0.42	0.490 JK	5,300	100	800	1,300	1.6	SA-127	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	43	27	42	97.7	<0.074	<0.074	0.561 JK	10,000	220	1,500	2,500	1.6	SA-127	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	581	BCL	--	--	--	--	43	27	42	97.7	<0.070	<0.070	0.648 J	9,600 J	200	1,500	2,400	1.6	SA-127	15	17

TABLE 4-20a. STATISTICAL SUMMARY OF ECA GROUP D3/D4 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Dioxins/Furans	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	43	27	43	100	--	--	0.38 J	36,000 J	780	5,400	9,000	1.7	SA-127	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	43	27	43	100	--	--	1.1 J	38,000	890	5,800	9,600	1.7	SA-127	--	--
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	--	--	--	--	--	--	43	27	43	100	--	--	0.33 J	47,000 J	590	7,000	12,000	1.7	SA-127	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	43	27	43	100	--	--	0.35 J	92,000	1,400	14,000	24,000	1.7	SA-127	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	43	27	42	97.7	<0.17	<0.17	0.956 J	49,000 J	780	7,400	13,000	1.7	SA-127	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	43	27	43	100	--	--	0.81 J	198,000	2,800	31,000	52,000	1.7	RSAJ6	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	43	27	43	100	--	--	0.50 J	130,000	1,700	23,000	38,000	1.7	RSAJ6	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	43	27	36	83.7	<0.19	<510	0.683 JK	28,000	360	5,100	8,200	1.6	SA-127	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	43	27	42	97.7	<0.17	<0.17	1.96 J	69,000	530	6,100	13,000	2.1	RSAJ6	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	43	27	43	100	--	--	2.5 J	500,000 J	6,500	82,000	150,000	1.8	SA-127	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	43	27	43	100	--	--	0.98 J	210,000 J	2,400	36,000	64,000	1.8	SA-127	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	pg/g	--	--	--	--	--	--	43	27	43	100	--	--	5.8 J	1,400,000	21,000	230,000	390,000	1.7	SA-127	--	--
	Total Dioxin/Furan TEQ (Calculated)	pg/g	2,700	SS	--	--	--	--	37	21	37	100	--	--	0.35	73,000	1,200	14,000	22,000	1.5	SA-127	15	27
Pesticides - OCPs	Aldrin	µg/kg	205	BCL	--	--	--	--	26	12	0	0	<0.070	<9.4	--	--	--	--	--	--	--	--	--
	alpha-BHC	µg/kg	274,000	BCL	--	--	--	--	27	12	1	3.7	<0.31	<46	59	59	59	59	--	--	RSAJ6	0	--
	beta-BHC	µg/kg	54,700	BCL	--	--	--	--	27	12	14	51.9	<0.25	<4,600	0.97 J	460 X	5.3	64	130	2	RSAJ6	0	--
	delta-BHC	µg/kg	333,000	BCL	--	--	--	--	26	12	0	0	<0.089	<9.4	--	--	--	--	--	--	--	--	--
	gamma-BHC	µg/kg	11,100	BCL	--	--	--	--	27	12	0	0	<0.12	<46	--	--	--	--	--	--	--	--	--
	Chlordane (total)	µg/kg	--	--	--	--	--	--	17	7	0	0	<1.9	<47	--	--	--	--	--	--	--	--	--
	alpha-Chlordane	µg/kg	500,000	RSL	--	--	--	--	26	12	0	0	<0.15	<9.4	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	µg/kg	500,000	RSL	--	--	--	--	26	12	2	7.7	<0.12	<9.4	5.5 J+	27	16	16	15	0.94	RSAJ5	0	--
	4,4'-DDD	µg/kg	14,700	BCL	--	--	--	--	26	12	0	0	<0.19	<19	--	--	--	--	--	--	--	--	--
	2,4'-DDE	µg/kg	--	--	--	--	--	--	9	5	6	66.7	<1.6	<1.7	1.6 J	33 J	2	8.3	12	1.5	RISB-40	--	--
	4,4'-DDE	µg/kg	10,300	BCL	--	--	--	--	27	12	8	29.6	<0.078	<91	2.4 J	320	9	60	110	1.8	RSAJ6	0	--
	4,4'-DDT	µg/kg	10,600	BCL	--	--	--	--	27	12	5	18.5	<0.17	<91	5.7 J+	480	45	120	200	1.6	RSAJ6	0	--
	Dieldrin	µg/kg	220	BCL	--	--	--	--	26	12	0	0	<0.26	<19	--	--	--	--	--	--	--	--	--
	Endosulfan I	µg/kg	--	--	--	--	--	--	26	12	0	0	<0.10	<9.4	--	--	--	--	--	--	--	--	--
	Endosulfan II	µg/kg	--	--	--	--	--	--	26	12	0	0	<0.091	<19	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	µg/kg	4,900,000	RSL	--	--	--	--	26	12	0	0	<0.090	<19	--	--	--	--	--	--	--	--	--
	Endrin	µg/kg	274,000	BCL	--	--	--	--	26	12	0	0	<0.11	<19	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	µg/kg	--	--	--	--	--	--	26	12	0	0	<0.83	<19	--	--	--	--	--	--	--	--	--
	Endrin ketone	µg/kg	--	--	--	--	--	--	26	12	0	0	<0.12	<19	--	--	--	--	--	--	--	--	--
	Heptachlor	µg/kg	696	BCL	--	--	--	--	26	12	0	0	<0.088	<9.4	--	--	--	--	--	--	--	--	--
	Heptachlor epoxide	µg/kg	366	BCL	--	--	--	--	26	12	0	0	<0.11	<9.4	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	18	8	15	83.3	0.48 UJ	<0.92	1.4 J	220,000 J	26	21,000	59,000	2.8	RSAJ7	5	950
	Methoxychlor	µg/kg	4,560,000	BCL	--	--	--	--	26	12	0	0	<0.26	<93	--	--	--	--	--	--	--	--	--
	Toxaphene	µg/kg	3,210	BCL	--	--	--	--	26	12	0	0	<9.7	<190	--	--	--	--	--	--	--	--	--
Pesticides - OPPs	Chlorpyrifos	µg/kg	912,000	BCL	--	--	--	--	1	1	0	0	<23	<23	--	--	--	--	--	--	--	--	--
	Coumaphos	µg/kg	--	--	--	--	--	--	1	1	0	0	<15	<15	--	--	--	--	--	--	--	--	--
	Dasanit	µg/kg	--	--	--	--	--	--	1	1	0	0	<15	<15	--	--	--	--	--	--	--	--	--
	Demeton-O	µg/kg	--	--	--	--	--	--	1	1	0	0	<45	<45	--	--	--	--	--	--	--	--	--
	Demeton-S	µg/kg	--	--	--	--	--	--	1	1	0	0	<17	<17	--	--	--	--	--	--	--	--	--
	Diazinon	µg/kg	638,000	BCL	--	--	--	--	1	1	0	0	<26	<26	--	--	--	--	--	--	--	--	--
	Dichlorovos	µg/kg	12,200	BCL	--	--	--	--	1	1	0	0	<27	<27	--	--	--	--	--	--	--	--	--
	Dimethoate	µg/kg	2,010,000	BCL	--	--	--	--	1	1	0	0	<26	<26	--	--	--	--	--	--	--	--	--
	Disulfoton	µg/kg	36,500	BCL	--	--	--	--	1	1	0	0	<56	<56	--	--	--	--	--	--	--	--	--
	EPN	µg/kg	9,120	BCL	--	--	--	--	1	1	0	0	15 UJ	15 UJ	--	--	--	--	--	--	--	--	--
	Ethoprop	µg/kg	--	--	--	--	--	--	1	1	0	0	<17	<17	--	--	--	--	--	--	--	--	--
	Famphur	µg/kg	--	--	--	--	--	--	1	1	0	0	<15	<15	--	--	--	--	--	--	--	--	--
	Fenthion	µg/kg	--	--	--	--	--	--	1	1	0	0	<38	<38	--	--	--	--	--	--	--	--	--
	Guthion	µg/kg	2,740,000	BCL	--	--	--	--	1	1	0	0	<15	<15	--	--	--	--	--	--	--	--	--
	Malathion	µg/kg	18,200,000	BCL	--	--	--	--	1	1	0	0	<17	<17	--	--	--	--	--	--	--	--	--
	Merphos	µg/kg	1,030	BCL	--	--	--	--	1	1	0	0	<35	<35	--	--	--	--	--	--	--	--	--
	Methyl parathion	µg/kg	228,000	BCL	--	--	--	--	1	1	0	0	<23	<23	--	--	--	--	--	--	--	--	--
	Mevinphos	µg/kg	--	--	--	--	--	--	1	1	0	0	<17	<17	--	--	--	--	--	--	--	--	--
	Naled	µg/kg	1,290	BCL	--	--	--	--	1	1	0	0	38 UJ	38 UJ	--	--	--	--	--	--	--	--	--

TABLE 4-20a. STATISTICAL SUMMARY OF ECA GROUP D3/D4 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Pesticides - OPPs	Parathion	µg/kg	5,470,000	BCL	--	--	--	--	1	1	0	0	21 UJ	21 UJ	--	--	--	--	--	--	--	--	--
	Phorate	µg/kg	182,000	BCL	--	--	--	--	1	1	0	0	<23	<23	--	--	--	--	--	--	--	--	--
	Prothiophos	µg/kg	--	--	--	--	--	--	1	1	0	0	<23	<23	--	--	--	--	--	--	--	--	--
	Ronnel	µg/kg	26,800	BCL	--	--	--	--	1	1	0	0	<21	<21	--	--	--	--	--	--	--	--	--
	Stirophos	µg/kg	147,000	BCL	--	--	--	--	1	1	0	0	<17	<17	--	--	--	--	--	--	--	--	--
	Sulfotepp	µg/kg	456,000	BCL	--	--	--	--	1	1	0	0	<23	<23	--	--	--	--	--	--	--	--	--
	Sulprofos	µg/kg	--	--	--	--	--	--	1	1	0	0	<15	<15	--	--	--	--	--	--	--	--	--
	Thionazin	µg/kg	--	--	--	--	--	--	1	1	0	0	<21	<21	--	--	--	--	--	--	--	--	--
	Trichloronate	µg/kg	--	--	--	--	--	--	1	1	0	0	<23	<23	--	--	--	--	--	--	--	--	--
Petroleum Indicators	Gasoline Range Organics	mg/kg	--	--	--	--	--	--	16	8	0	0	<0.14	0.17 UJ	--	--	--	--	--	--	--	--	--
	Diesel Range Organics	mg/kg	--	--	--	--	--	--	29	11	3	10.3	<2.6	<45	3.3 J	150	75	76	73	0.96	RSAJ7	--	--
	Petroleum Hydrocarbons	mg/kg	--	--	--	--	--	--	29	11	2	6.9	<2.6	<45	2.6 J	53	28	28	36	1.3	RSAJ7	--	--
	Diesel Range Organics	mg/kg	--	--	--	--	--	--	29	11	3	10.3	<2.6	<45	3.3 J	150	75	76	73	0.96	RSAJ7	--	--
	Petroleum Hydrocarbons	mg/kg	--	--	--	--	--	--	29	11	2	6.9	<2.6	<45	2.6 J	53	28	28	36	1.3	RSAJ7	--	--
	Extractable Fuel Hydrocarbons	mg/kg	--	--	--	--	--	--	8	4	6	75	<2.7	<2.7	2.8 J	6.7	3.8	4.2	1.4	0.33	RISB-40	--	--
Asbestos	Long Amphibole Protocol Structures Count	s/samp	0	SS	--	--	--	--	8	7	2	25	0	0	1	1	1	1	0	0	RSAJ6	2	N/A
	Long Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	8	7	5	62.5	0	0	1	6	3	3	2.4	0.82	RSAJ5	--	--
	Long Chrysotile Protocol Structures Count	s/samp	5	SS	--	--	--	--	8	7	5	62.5	0	0	1	6	2	2.6	2.5	0.97	RSAJ5	1	1.4
	Short Amphibole Structures Counts	s/samp	--	--	--	--	--	--	1	1	0	0	0	0	--	--	--	--	--	--	--	--	--
	Short Asbestos Structures Counts	s/samp	--	--	--	--	--	--	1	1	1	100	--	--	1 J	1 J	1	1	--	--	SA-127	--	--
	Short Chrysotile Structures Counts	s/samp	--	--	--	--	--	--	1	1	1	100	--	--	1 J	1 J	1	1	--	--	SA-127	--	--
	Total Amphibole Protocol Structures Count	s/samp	--	--	--	--	--	--	8	7	2	25	0	0	1	1	1	1	0	0	RSAJ6	--	--
	Total Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	8	7	6	75	0	0	1 J	12	2.5	4.5	5.4	1.2	RSAJ5	--	--
	Total Chrysotile Protocol Structures Count	s/samp	--	--	--	--	--	--	8	7	6	75	0	0	1 J	12	2	4.2	5.5	1.3	RSAJ5	--	--

Notes:

1. Health-based soil screening levels (HSSLs).
   SS: Site-specific values for Arsenic and Dioxin/Furan Toxicity Equivalence (TEQ).
   BCL: Lowest level among all available indoor and outdoor industrial worker Basic Comparison Levels (BCLs), NDEP 2025.
   RSL: Regional Screening Levels for industrial soil, USEPA 2024.

	No detections, or maximum detected concentration is below HSSL (if available).
	No HSSL available.
	Radionuclides were determined to be consistent with background or natural concentration of uranium metal across OU-1.
	Essential Nutrient, macronutrient or salt.
	Individual VOCs were used to evaluate the nature and extent of impacts in soil from these compounds.

Sources:

[1] NDEP. 2025. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 17, July.

[2] USEPA. 2024. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund sites. November.

[3] NDEP. 2010. NDEP Response to Background Issues and Determination of Background Dataset for TRX. August 17.

[4] TIMET/BRC. 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity.

TABLE 4-20b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA GROUP D3/D4
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231	231
Phase A	SA-23	1 - 2.5	11/09/2006	--	--	**5.753**	**55.546**	--	**2.76**	**2.6**	**7.1 J-**	**9.2**	**6,660 J-**	**439**	**0.083 J**	<2.0	--	<380
Phase B	RSAI4	0 - 0.5	6/11/2008	0	**1**	--	--	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 2	7/24/2009	--	--	<0.0898	**0.648 J**	**1.97**	**11 J+**	**1.38**	**7**	**8.5**	**7,760**	**394 J**	**0.095**	<0.87	**1.4 J**	<0.85
		10 - 11.5	7/24/2009	--	--	--	--	--	**0.296 J+**	**5.71**	**9.3**	**10**	**10,300**	**343 J**	**0.104**	<0.92	**6.0**	**11**
	RSAI5	0 - 0.5	6/11/2008	0	**1**	--	--	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 2	7/24/2009	--	--	<0.0755	**1.32 J**	**9.61**	**0.677 J+**	**1.82**	**7.5**	**9.4**	**8,930**	**447 J**	**0.1**	<0.89	**4.6**	**3.5 J**
		10 - 11.5	7/24/2009	--	--	--	--	--	**0.705 J+**	**5.97**	**5.7**	**6.9**	**8,730**	**258 J**	**0.066**	<0.92	<0.92	<0.89
			7/24/2009 (FD)	--	--	--	--	--	**0.843 J+**	**7.27**	**7.8**	**8.4**	**11,200**	**358 J**	**0.083**	<0.92	<0.92	<0.90
	RSAI7	0	6/17/2008	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
		0 - 0.5	7/11/2008	--	--	**755**	**4,130 J**	**31,440.81**	**0.31 J**	**2.25**	**6.5 J**	**9.75**	**8,420**	**559 J**	**0.106 J**	<0.088	**3.9 J**	**3.0 J**
		0.5 - 1	12/10/2009	--	--	**0.28 J**	**0.94 J**	**11**	--	--	--	--	--	--	--	--	--	<0.86
		1 - 1.5	12/10/2009	--	--	**0.55 J**	**1.6 J**	**12.6 J**	--	--	--	--	--	--	--	--	--	**9.2**
			12/10/2009 (FD)	--	--	**0.62**	**1.9 J**	**23 J**	--	--	--	--	--	--	--	--	--	**3.2 J**
		9.5 - 11	7/11/2008	--	--	--	--	--	**2.83**	**3.2**	**7 J**	**9.84**	**10,100**	**488 J**	**0.089 J**	<0.088	0.48 UJ	<0.91088
	RSAJ5	0	6/12/2008	0	**6**	--	--	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 2	6/02/2009	--	--	**118**	**675**	**3,416.73**	**12.2**	**3.68**	**5.1 J**	**9.2**	**76,000**	**475**	**0.238**	<9.4	**4,600**	**4,400**
		1 - 1.5	12/09/2009	--	--	**4.9**	**31**	**210**	--	--	--	--	--	--	--	--	--	**5,500 J**
			12/09/2009 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**74,000 J**
		1.5 - 2	12/09/2009	--	--	**1,100**	**5,100**	**42,000**	--	--	--	--	--	--	--	--	--	**53,000**
		10 - 11.5	7/15/2009	--	--	--	--	--	**1.46**	**3.86**	**5.7 J**	**7.4 J**	**11,800**	**248**	**0.08 J**	<9.2	**92**	**160**
	RSAJ6	4.5	6/17/2008	**1**	**2**	--	--	--	--	--	--	--	--	--	--	--	--	--
		5 - 5.5	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**23,000**
		5 - 6	6/05/2009	--	--	**990**	**7,840**	**60,611.20**	**11.2**	**5.58**	**6.9**	**20.9**	**18,600**	**425 J**	**0.152**	<9.1	**81,000**	**99,000**
		5.5 - 6	12/10/2009	--	--	**1,400 J**	**6,000 J**	**50,000**	--	--	--	--	--	--	--	--	--	**250,000**
		6 - 6.5	12/10/2009	--	--	**950 J**	**3,700 J**	**36,000**	--	--	--	--	--	--	--	--	--	**160,000**
	RSAJ7	0	6/17/2008	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
		0 - 1.5	7/09/2008	--	--	**1,020**	**4,430**	**41,934.88**	**0.273 J**	**4.71**	**13.1 J**	**26.9**	**18,600**	**1,990**	**0.257**	<0.088	**220,000 J**	**36,000**
		0.5 - 1	12/10/2009	--	--	**1,100 J**	**4,600 J**	**59,000**	--	--	--	--	--	--	--	--	--	**130,000**
		1 - 1.5	12/10/2009	--	--	**860 J**	**2,900 J**	**50,000**	--	--	--	--	--	--	--	--	--	**31,000**
		9.5 - 11	7/09/2008	--	--	--	--	--	**0.275**	**3.75**	**6.68 J**	**8.45**	**15,300**	**341**	**0.081**	<0.088	**500 J**	**370**
	RSAK3	6 - 7	7/02/2009	--	--	--	--	--	**32.5**	**2.34**	**5.3**	**5.5**	**13,200**	**235**	**0.1**	<0.93	**2.2**	**3.3 J**
	RSAK5	1.5	6/12/2008	**1**	**2**	--	--	--	--	--	--	--	--	--	--	--	--	--
		2 - 3.5	6/02/2009	--	--	**208**	**907**	**5,329.04**	**1.27**	**2.68**	**7.7 J**	**14.3**	**9,100**	**460**	**0.116**	<9.1	**6,800**	**7,400**
		2.5 - 3	12/09/2009	--	--	**160**	**600**	**5,000 J**	--	--	--	--	--	--	--	--	--	**5,500 J**
			12/09/2009 (FD)	--	--	**41**	**200**	**2,200 J**	--	--	--	--	--	--	--	--	--	**2,100 J**
		3 - 3.5	12/09/2009	--	--	**880 J**	**4,500 J**	**35,000 J**	--	--	--	--	--	--	--	--	--	**40,000**
	RSAK7	8.5 - 10	7/10/2008	--	--	--	--	--	**2.91 J**	**4.26**	**6.87 J**	**7.38**	**14,000**	**328**	**0.063**	<0.088	**11 J**	**5.6 J**
			7/10/2008 (FD)	--	--	--	--	--	**6.24 J**	**4.91**	**6.72 J**	**7.69**	**12,900**	**310**	**0.085**	<0.088	**26 J**	**12**
	SA-127	0 - 0.5	9/16/2009	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 1.5	6/05/2009	--	--	**32.6**	**129**	**1,231.74**	**1.06**	**2.99**	**7.1**	**8.3**	**12,200**	**343 J**	**0.096**	--	--	**2,700**
		1 - 1.5	12/10/2009	--	--	**2,100 J**	**9,600 J**	**73,000**	--	--	--	--	--	--	--	--	--	**300,000**
		1.5 - 2	12/10/2009	--	--	**85**	**290 J**	**3,700**	--	--	--	--	--	--	--	--	--	**3,400**
		5 - 6.5	7/31/2009	--	--	--	--	--	**6.28**	**1.82**	**7.3**	**12.6**	**9,250**	**466 J-**	**0.123**	--	--	**1,000**
		10 - 11.5	7/31/2009	--	--	--	--	--	**11.6**	**4.03**	**6.9**	**7.9**	**11,000**	**278 J-**	**0.089**	--	--	**120**
	SA-202	3.5 - 5	6/25/2009	--	--	--	--	--	**11.2 J**	**3.65**	**6.1**	**6.1**	**14,400**	**281**	**0.09**	--	--	**11**
	SA-127 BERM	10 - 11.5	7/31/2009	--	--	--	--	--	**5.48**	**1.87**	**5.9**	**7.1**	**7,600**	**307 J-**	**0.084**	--	--	**490**
Pre-Excavation	RSAJ5	7 - 8	5/17/2010	--	--	**25**	**110 J**	**1,200**	--	--	--	--	--	--	--	--	--	<31
		8 - 9	5/17/2010	--	--	**5.5**	**27**	**260**	--	--	--	--	--	--	--	--	--	<31
		9 - 10	4/21/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,100**
	RSAJ7	9.5 - 10.5	5/19/2010	--	--	**3.1**	**14**	**140**	--	--	--	--	--	--	--	--	--	--

TABLE 4-20b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA GROUP D3/D4
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (Pesticides - OCPs, µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231	231
Pre-Excavation	RSAJ8	7.5 - 8	4/06/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**5,300**
		8 - 9	4/06/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**5,800**
		9 - 10	4/06/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2,900**
	RSAK7	4.5	4/06/2010	--	--	--	--	--	--	**5.9**	--	--	--	--	--	--	--	**12,000**
		8.5 - 9.5	5/19/2010	--	--	**5.2**	**27**	**260**	--	--	--	--	--	--	--	--	--	--
	SA-127	6 - 7	4/16/2010	--	--	**18**	**79**	**830**	--	--	--	--	--	--	--	--	--	**820**
	SSAK7-02	9.5 - 10.5	5/19/2010	--	--	**560**	**2,800**	**22,000**	--	--	--	--	--	--	--	--	--	**29,000**
2011 Removal Action	DS-DB-1	0	4/20/2011	--	--	**260 J**	**990 J**	--	**1.32**	**6.0 J-**	**1.8**	**9.3**	**189,000**	**77.1**	--	--	**120**	--
			4/20/2011 (FD)	--	--	**35 J**	**350 J**	--	**1.37**	**5.3 J-**	**1.7**	**10.1**	**173,000**	**77.6**	--	--	**11 J+**	--
	EE-D10-1	0	6/07/2011	--	--	**16 J**	**150**	--	--	--	--	--	**169,000**	--	--	--	--	<120
	EE-DB-1	0.5	6/07/2011	--	--	**28 J**	**190 J**	--	--	--	--	--	**162,000**	--	--	--	--	**130 J**
	EE-DB-2	0	6/07/2011	--	--	**35 J**	**320 J**	--	--	--	--	--	**162,000**	--	--	--	--	**280 J**
Phase 1 RI	RISB-39	0.5 - 1	11/21/2014	--	--	**48**	**370**	**2,700**	**0.014 J**	**2.3**	**7.7**	**11**	**8,300**	**550**	<0.26	<2.1	--	<73
		5 - 5.5	11/21/2014	--	--	**1.8**	**15 J**	**110**	**0.037 J**	**3.2**	**7.5**	**9.3**	**8,200**	**440**	<0.27	<2.2	--	<76
			11/21/2014 (FD)	--	--	**1.6**	**7.6 J**	**82**	**0.032 J**	**3.1**	**7.6**	**8.7**	**8,700**	**400**	<0.27	<2.2	--	<76
	RISB-40	0.5 - 1	11/21/2014	--	--	**48**	**340**	**2,600**	**0.045**	**3.3**	**9.1**	**14**	**9,900**	**980**	<0.26	<2.1	--	**280 J**
		5 - 5.5	11/21/2014	--	--	**0.23 J**	**2.1 J**	**12**	**0.028 J**	**3.6**	**6.8**	**8.6**	**9,500**	**380**	<0.27	<2.2	--	<77
	RISB-41	0.5 - 1	11/21/2014	--	--	**2.1**	**18**	**140**	**0.079**	**2.3**	**7.2**	**9.4**	**11,000**	**650**	<0.26	<2.1	--	<73
			11/21/2014 (FD)	--	--	**2.0**	**17**	**130**	**0.079**	**2.4**	**7.6**	**9.6**	**8,800**	**560**	<0.26	<2.1	--	<73
		5 - 5.5	11/21/2014	--	--	<0.055	<0.070	**0.35**	**2.3**	**3.7**	**7.0**	**8.3**	**9,100**	**350**	<0.27	<2.2	--	<76
2019 Removal Action	DSPE-8	1.5 - 2	4/01/2019	--	--	<0.44	**2.8 J**	**14**	**32**	**5.5 J+**	--	**11**	**9,700**	**610**	--	<2.1	--	<55

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram
pg/g: picograms per gram
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

TABLE 4-21a. STATISTICAL SUMMARY OF ECA GROUP D5-D8 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
General Chemistry	Ammonia	mg/kg	27,900	BCL	--	--	--	--	30	14	20	66.7	<0.061	0.83 UJ	0.34 J	2,300	12	130	510	3.8	RISB-05	0	--
	Bicarbonate as HCO_3	mg/kg	--	--	--	--	--	--	17	6	17	100	--	--	1,300 J+	90,000	14,000	24,000	27,000	1.1	RISB-04	--	--
	Bromide	mg/kg	--	--	--	--	--	--	30	14	5	16.7	<0.2	<3.9	0.7 J	4.2 J	1	2.1	1.8	0.85	RISB-03	--	--
	Carbonate as CO_3	mg/kg	--	--	--	--	--	--	25	11	22	88	<310	<330	3 J	930	320	350	320	0.91	RISB-05	--	--
	Chlorate	mg/kg	38,900	BCL	--	--	--	--	45	19	35	77.8	<0.021	1.2 UJ	0.039 J	170	1.9	14	36	2.5	RIDB-8	0	--
	Chloride	mg/kg	--	--	--	--	--	--	30	14	30	100	--	--	1.5 J-	5,000	63	380	930	2.4	RISB-05	--	--
	Cyanide (total)	mg/kg	164	BCL	--	--	--	--	8	5	0	0	<0.42	<0.5	--	--	--	--	--	--	--	--	--
	Hydroxide	mg/kg	--	--	--	--	--	--	17	6	0	0	<170	<190	--	--	--	--	--	--	--	--	--
	Nitrate (as NO_3)	mg/kg	100,000	BCL	--	--	--	--	42	18	41	97.6	<0.22	<0.22	2.3 J+	710	31	89	150	1.7	RIDB-34	0	--
	Nitrate Nitrite as N	mg/kg	--	--	--	--	--	--	29	10	29	100	--	--	1.9	220	7.7	21	44	2	RIDB-34	--	--
	Nitrite	mg/kg	120,000	RSL	--	--	--	--	42	18	9	21.4	0.050 UJ	<1.2	0.09 J	64	0.92	11	22	2	RIDB-34	0	--
	Perchlorate	mg/kg	908	BCL	--	--	--	--	66	22	66	100	--	--	0.15	13,000	22	550	1,800	3.2	RISB-05	8	14
	ortho-Phosphate	mg/kg	--	--	--	--	--	--	16	6	8	50	1.1 UJ	<11.0	5.0 J-	44 J-	14	20	16	0.81	RISB-03	--	--
	Sulfate	mg/kg	--	--	--	--	--	--	30	14	30	100	--	--	12.7 J+	7,600	120	460	1,400	3	RISB-04	--	--
Metals	Aluminum	mg/kg	100,000	BCL	7,340	11,400	3,740 J	15,300 J	16	9	16	100	--	--	6,330	10,000	8,200	8,200	1,100	0.13	RISB-25	0	--
	Antimony	mg/kg	3,450	BCL	0.5 UJ	3.4	0.12 J-	0.5 J-	45	19	6	13.3	<0.18	<1.0	0.15 J-	0.6 J	0.18	0.25	0.17	0.7	SA-173	0	--
	Arsenic	mg/kg	7.2	SS	1.6	4.25	2.5	7.2 J	64	26	64	100	--	--	2.0	18	5.5	6.2	3.5	0.56	RISB-04	22	2.5
	Barium	mg/kg	100,000	BCL	111	213	73	445 J	45	19	45	100	--	--	87 J	221	170	160	35	0.22	SA-20	0	--
	Beryllium	mg/kg	6,130	BCL	0.362	0.588 J	0.16 J	0.89	13	8	13	100	--	--	0.369	0.62	0.49	0.48	0.068	0.14	SA-20	0	--
	Boron	mg/kg	100,000	BCL	3.6 J	11.7	<3.2	11.6 J+	45	19	41	91.1	<2.6	<2.7	2.8 J-	19	10	9.7	4.4	0.45	RISB-02	0	--
	Cadmium	mg/kg	8,180	BCL	<0.04	0.48	<0.129	<0.129	45	19	17	37.8	<0.04	<0.54	0.04 J	0.43 J	0.11	0.19	0.15	0.79	RISB-05	0	--
	Calcium	mg/kg	--	--	--	--	9,440	82,800 J	13	8	13	100	--	--	14,900	69,600 J	24,000	30,000	19,000	0.61	SA-179	--	--
	Chromium (total)	mg/kg	--	--	5.57	10.7 J	2.6	16.7	42	18	42	100	--	--	6.99	21	12	12	3.7	0.3	RIDB-34	--	--
	Chromium VI	mg/kg	564	BCL	<0.18	0.29 J	<0.25	<0.32	42	18	2	4.8	<0.11	<0.20	0.47 J-	9.0	4.7	4.7	6	1.3	SA-19	0	--
	Cobalt	mg/kg	385	BCL	5.4	9.1	3.7 J	16.3 J	45	19	45	100	--	--	1.6	9.1	6.2	5.8	2.1	0.37	RIDB-34	0	--
	Copper	mg/kg	51,900	BCL	15.8	140	10.2	25.9 J	45	19	45	100	--	--	10.7 J-	100	18	33	25	0.77	RISB-03	0	--
	Iron	mg/kg	100,000	BCL	11,300	20,600	5,410	19,700	45	19	45	100	--	--	9,580	29,000	17,000	17,000	3,700	0.22	RISB-04	0	--
	Lead	mg/kg	800	BCL	7.1	72.8	3 J	35.1	45	19	45	100	--	--	5.4	25	9.7	12	5	0.42	RISB-04	0	--
	Magnesium	mg/kg	100,000	BCL	7,700	13,000	4,690 J	17,500 J	45	19	45	100	--	--	1,600	21,000	9,000	8,500	4,400	0.51	RIDB-35	0	--
	Manganese	mg/kg	100,000	BCL	262	537	151	863 J	45	19	45	100	--	--	120 J	710	320	320	130	0.41	RIDB-8	0	--
	Mercury	mg/kg	3.13	BCL	0.006 J	0.362	<0.0072	0.11	45	19	26	57.8	<0.00668	<0.028	0.007 J	0.038	0.02	0.02	0.0073	0.38	RISB-25	0	--
	Molybdenum	mg/kg	6,490	BCL	<0.31	32.7	0.3 J	2	45	19	26	57.8	<1.0	<2.2	0.24 J	5.3	1.1	1.8	1.6	0.85	RISB-05	0	--
	Nickel	mg/kg	50,300	BCL	12.7	21.4	7.9 J	30 J	45	19	45	100	--	--	2.5	19	14	12	4.7	0.39	RISB-25	0	--
	Niobium	mg/kg	130	BCL	--	--	1.01 UJ-	1.01 UJ-	29	10	0	0	<1.1	<6.1	--	--	--	--	--	--	--	--	--
	Phosphorus (total)	mg/kg	100,000	BCL	--	--	862	2,010	37	15	37	100	--	--	310	1,200	750	740	280	0.38	RISB-02	0	--
	Platinum	mg/kg	5,190	BCL	0.006 J	<0.11	<0.0435	0.099 J	13	8	12	92.3	<0.012	<0.012	0.009 J	0.043 J	0.011	0.014	0.0095	0.66	SA-167	0	--
	Potassium	mg/kg	--	--	1,450	4,210	625	3,890	13	8	13	100	--	--	1,520	2,910	2,300	2,200	450	0.21	SA-20	--	--
	Selenium	mg/kg	6,490	BCL	<0.7	<4.3	<0.158	0.6	33	15	21	63.6	<0.12	<0.8	0.8 J	3.7	2.2	2.2	0.85	0.39	RISB-02	0	--
	Silver	mg/kg	100,000	BCL	<0.2	<0.2	<0.261	<0.261	45	19	6	13.3	<0.2	<1.6	0.12 J	1.5	0.16	0.4	0.54	1.4	SA-179	0	--
	Sodium	mg/kg	--	--	307	1,050	128	1,320	13	8	13	100	--	--	197	983	360	420	260	0.61	SA-72	--	--
	Strontium	mg/kg	100,000	BCL	129	339	75.5	808 J	42	18	42	100	--	--	79 J	790 J	160	220	160	0.72	RISB-04	0	--
	Sulfur	mg/kg	--	--	--	--	--	--	17	6	17	100	--	--	110	3,500 J+	320	510	790	1.5	RISB-04	--	--
	Thallium	mg/kg	13	BCL	0.071	0.193 J	<0.543	1.8	45	19	13	28.9	<0.18	<1.0	0.077 J	0.25 J	0.1	0.12	0.047	0.39	SA-20	0	--
	Tin	mg/kg	100,000	BCL	<10.2	<11	0.24 J	0.8 J	13	8	13	100	--	--	0.43	5.5 J	4.3	3	2.1	0.69	SA-167	0	--
	Titanium	mg/kg	100,000	BCL	480	1,080	262	1,010 J	13	8	13	100	--	--	403 J+	865	590	640	160	0.25	SA-173	0	--
	Tungsten	mg/kg	1,040	BCL	<0.11	0.62	0.0175 UJ	0.0175 UJ	42	18	13	31	0.000011 UJ	2.8 UJ	0.2 J-	0.56 J-	0.26	0.3	0.11	0.35	SA-167	0	--
	Uranium (total)	mg/kg	3,830	BCL	0.655	1.94	0.62 J	2.7	13	8	13	100	--	--	0.695	2.71	0.85	1.3	0.79	0.62	SA-173	0	--
	Vanadium	mg/kg	100,000	BCL	28	54.9	20.2	59.1 J	42	18	42	100	--	--	23.4 J-	64	40	41	11	0.27	RIDB-34	0	--
	Zinc	mg/kg	100,000	BCL	25.8	254	15.4	121	16	9	16	100	--	--	20.3 J	54.4 J	31	31	8.4	0.27	SA-167	0	--
	Zirconium	mg/kg	104	BCL	--	--	86.1 J	179 J	29	10	18	62.1	<5.1	<5.3	10	25	18	18	4	0.22	RIDB-8	0	--
Radionuclides	Radium-226	pCi/g	0.023	BCL	--	--	0.494 J	2.36	25	12	25	100	--	--	0.0124 U	2.91	1.2	1.2	0.61	0.49	SA-173	24	130
	Radium-228	pCi/g	0.046	BCL	--	--	0.946 U	2.92	25	12	25	100	--	--	0.485	4.80	1.5	1.7	1	0.61	SA-167	25	100
	Thorium-228	pCi/g	0.026	BCL	--	--	1.15	2.28	20	9	20	100	--	--	1.11 J+	3.94	1.8	2	0.83	0.41	RIDB-35	20	150
	Thorium-230	pCi/g	14	BCL	--	--	0.73 J	3.01	20	9	20	100	--	--	0.936 J	4.87	1.4	1.8	1.1	0.61	SA-173	0	--
	Thorium-232	pCi/g	13	BCL	--	--	1.22	2.23	20	9	20	100	--	--	1.12	3.94	1.7	2	0.81	0.4	RIDB-36	0	--
	Uranium-234	pCi/g	18	BCL	--	--	0.63 U	2.84	8	5	8	100	--	--	0.821	3.98 J	1.1	1.8	1.3	0.71	SA-179	0	--

TABLE 4-21a. STATISTICAL SUMMARY OF ECA GROUP D5-D8 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Radionuclides	Uranium-235	pCi/g	0.33	BCL	--	--	0.0009	0.21 J	8	5	8	100	--	--	0.0212 U	0.172	0.06	0.068	0.047	0.7	SA-179	0	--
	Uranium-238	pCi/g	1.5	BCL	--	--	0.65 J	2.37	8	5	8	100	--	--	0.868	3.42 J	1.1	1.6	0.98	0.62	SA-179	2	2.3
VOCs	Acetone	µg/kg	100,000,000	BCL	--	--	--	--	25	12	8	32	<7.4	<12	2.5 J	20	7.2	11	7.3	0.68	SA-179	0	--
	t-Amyl methyl ether	µg/kg	--	--	--	--	--	--	25	12	0	0	<0.064	<6.2	--	--	--	--	--	--	--	--	--
	Benzene	µg/kg	5,310	BCL	--	--	--	--	25	12	1	4	<0.13	<6.2	0.25 J	0.25 J	0.25	0.25	--	--	SA-179	0	--
	Bromobenzene	µg/kg	679,000	BCL	--	--	--	--	25	12	0	0	<0.18	<6.2	--	--	--	--	--	--	--	--	--
	Bromochloromethane	µg/kg	628,000	BCL	--	--	--	--	25	12	0	0	<0.20	<6.2	--	--	--	--	--	--	--	--	--
	Bromodichloromethane	µg/kg	1,300	BCL	--	--	--	--	25	12	0	0	<0.13	<6.2	--	--	--	--	--	--	--	--	--
	Bromoform	µg/kg	95,300	BCL	--	--	--	--	25	12	0	0	<0.25	<6.2	--	--	--	--	--	--	--	--	--
	Bromomethane	µg/kg	30,300	BCL	--	--	--	--	25	12	0	0	<0.27	<12	--	--	--	--	--	--	--	--	--
	2-Butanone	µg/kg	28,400,000	BCL	--	--	--	--	25	12	4	16	<0.47	<12	1.3 J	2.7 J	1.9	1.9	0.7	0.36	SA-167	0	--
	n-Butylbenzene	µg/kg	108,000	BCL	--	--	--	--	25	12	0	0	<0.35	<6.2	--	--	--	--	--	--	--	--	--
	sec-Butylbenzene	µg/kg	145,000	BCL	--	--	--	--	25	12	0	0	<0.27	6.2 UJ	--	--	--	--	--	--	--	--	--
	tert-Butylbenzene	µg/kg	183,000	BCL	--	--	--	--	25	12	0	0	<0.20	<6.2	--	--	--	--	--	--	--	--	--
	Carbon tetrachloride	µg/kg	2,960	BCL	--	--	--	--	25	12	0	0	<0.26	<6.2	--	--	--	--	--	--	--	--	--
	Chlorobenzene	µg/kg	1,370,000	BCL	--	--	--	--	25	12	0	0	<0.14	<6.2	--	--	--	--	--	--	--	--	--
	Chloroethane	µg/kg	2,120,000	BCL	--	--	--	--	25	12	0	0	<0.26	6.2 UJ	--	--	--	--	--	--	--	--	--
	Chloroform	µg/kg	1,390	BCL	--	--	--	--	25	12	7	28	<0.20	<6.2	0.45 J	2.8	0.68	1.2	0.91	0.75	RIDB-35	0	--
	Chloromethane	µg/kg	464,000	BCL	--	--	--	--	25	12	0	0	<0.18	6.2 UJ	--	--	--	--	--	--	--	--	--
	2-Chlorotoluene	µg/kg	907,000	BCL	--	--	--	--	25	12	0	0	<0.27	<6.2	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	µg/kg	26,000,000	BCL	--	--	--	--	25	12	0	0	<0.32	<6.2	--	--	--	--	--	--	--	--	--
	Cumene	µg/kg	10,400,000	BCL	--	--	--	--	25	12	0	0	<0.17	<6.2	--	--	--	--	--	--	--	--	--
	p-Cymene	µg/kg	147,000	BCL	--	--	--	--	25	12	0	0	<0.27	<6.2	--	--	--	--	--	--	--	--	--
	1,2-Dibromo-3-chloropropane	µg/kg	64.9	BCL	--	--	--	--	25	12	0	0	<0.40	<6.2	--	--	--	--	--	--	--	--	--
	Dibromochloromethane	µg/kg	43,300	BCL	--	--	--	--	25	12	0	0	<0.20	<6.2	--	--	--	--	--	--	--	--	--
	1,2-Dibromoethane	µg/kg	168	BCL	--	--	--	--	25	12	0	0	<0.18	<6.2	--	--	--	--	--	--	--	--	--
	Dibromomethane	µg/kg	98,900	BCL	--	--	--	--	25	12	0	0	<0.20	<6.2	--	--	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	µg/kg	376,000	BCL	--	--	--	--	25	12	0	0	<0.21	<6.2	--	--	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	µg/kg	373,000	BCL	--	--	--	--	25	12	0	0	<0.30	<6.2	--	--	--	--	--	--	--	--	--
	1,4-Dichlorobenzene	µg/kg	11,500	BCL	--	--	--	--	25	12	6	24	<0.36	<0.65	0.49 J	17	13	11	5.9	0.53	SA-19	0	--
	Dichlorodifluoromethane	µg/kg	368,000	BCL	--	--	--	--	25	12	0	0	<0.30	6.2 UJ	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethane	µg/kg	15,800	BCL	--	--	--	--	25	12	0	0	<0.096	<6.2	--	--	--	--	--	--	--	--	--
	1,2-Dichloroethane	µg/kg	2,100	BCL	--	--	--	--	25	12	0	0	<0.16	<6.2	--	--	--	--	--	--	--	--	--
	1,1-Dichloroethene	µg/kg	20,000	BCL	--	--	--	--	25	12	0	0	<0.20	<6.2	--	--	--	--	--	--	--	--	--
	cis-1,2-Dichloroethene	µg/kg	400,000	BCL	--	--	--	--	25	12	0	0	<0.14	<6.2	--	--	--	--	--	--	--	--	--
	trans-1,2-Dichloroethene	µg/kg	304,000	BCL	--	--	--	--	25	12	0	0	<0.19	<6.2	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	µg/kg	11,700	BCL	--	--	--	--	25	12	0	0	<0.16	<6.2	--	--	--	--	--	--	--	--	--
	1,3-Dichloropropane	µg/kg	26,000,000	BCL	--	--	--	--	25	12	0	0	<0.18	<6.2	--	--	--	--	--	--	--	--	--
	2,2-Dichloropropane	µg/kg	--	--	--	--	--	--	25	12	0	0	<0.17	<6.2	--	--	--	--	--	--	--	--	--
	1,1-Dichloropropene	µg/kg	--	--	--	--	--	--	25	12	0	0	<0.24	<6.2	--	--	--	--	--	--	--	--	--
	cis-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	25	12	0	0	<0.18	<6.2	--	--	--	--	--	--	--	--	--
	trans-1,3-Dichloropropene	µg/kg	--	--	--	--	--	--	25	12	0	0	<0.22	<6.2	--	--	--	--	--	--	--	--	--
	Diisopropyl ether	µg/kg	2,260,000	BCL	--	--	--	--	25	12	0	0	<0.14	<6.2	--	--	--	--	--	--	--	--	--
	Ethyl benzene	µg/kg	26,600	BCL	--	--	--	--	25	12	0	0	<0.46	<6.2	--	--	--	--	--	--	--	--	--
	Ethyl tert-butyl ether	µg/kg	560,000	RSL	--	--	--	--	25	12	0	0	<0.14	<6.2	--	--	--	--	--	--	--	--	--
	Hexachlorobutadiene	µg/kg	5,610	BCL	--	--	--	--	25	12	0	0	<0.44	<6.2	--	--	--	--	--	--	--	--	--
	2-Hexanone	µg/kg	1,490,000	BCL	--	--	--	--	25	12	0	0	<0.41	12 UJ	--	--	--	--	--	--	--	--	--
	Methyl tert-butyl ether	µg/kg	217,000	BCL	--	--	--	--	25	12	0	0	<0.14	<6.2	--	--	--	--	--	--	--	--	--
	Methylene Chloride	µg/kg	1,130,000	BCL	--	--	--	--	25	12	7	28	<0.22	<6.5	0.33 J	0.57 J	0.42	0.45	0.085	0.19	SA-173	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	25	12	0	0	<0.53	<6.2	--	--	--	--	--	--	--	--	--
	4-Methyl-2-pentanone	µg/kg	3,360,000	BCL	--	--	--	--	25	12	0	0	<0.38	<12	--	--	--	--	--	--	--	--	--
	n-Propylbenzene	µg/kg	264,000	BCL	--	--	--	--	25	12	0	0	<0.24	6.2 UJ	--	--	--	--	--	--	--	--	--
	Styrene	µg/kg	867,000	BCL	--	--	--	--	25	12	0	0	<0.17	<6.2	--	--	--	--	--	--	--	--	--
	1,1,1,2-Tetrachloroethane	µg/kg	9,070	BCL	--	--	--	--	25	12	0	0	<0.15	<6.2	--	--	--	--	--	--	--	--	--
	1,1,2,2-Tetrachloroethane	µg/kg	2,910	BCL	--	--	--	--	25	12	0	0	<0.20	<6.2	--	--	--	--	--	--	--	--	--
	Tetrachloroethene	µg/kg	107,000	BCL	--	--	--	--	25	12	0	0	<0.29	<6.2	--	--	--	--	--	--	--	--	--

TABLE 4-21a. STATISTICAL SUMMARY OF ECA GROUP D5-D8 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
VOCs	Toluene	µg/kg	818,000	BCL	--	--	--	--	25	12	5	20	<0.22	<6.2	0.24 J	0.48 J	0.28	0.32	0.094	0.29	SA-20	0	--
	1,2,3-Trichlorobenzene	µg/kg	151,000	BCL	--	--	--	--	25	12	1	4	<0.42	<6.2	1.9	1.9	1.9	1.9	--	--	RIDB-34	0	--
	1,2,4-Trichlorobenzene	µg/kg	125,000	BCL	--	--	--	--	25	12	0	0	<0.46	<6.2	--	--	--	--	--	--	--	--	--
	1,1,1-Trichloroethane	µg/kg	640,000	BCL	--	--	--	--	25	12	0	0	<0.13	<6.2	--	--	--	--	--	--	--	--	--
	1,1,2-Trichloroethane	µg/kg	5,280	BCL	--	--	--	--	25	12	0	0	<0.14	<6.2	--	--	--	--	--	--	--	--	--
	Trichloroethene	µg/kg	6,310	BCL	--	--	--	--	25	12	0	0	<0.24	<6.2	--	--	--	--	--	--	--	--	--
	Trichlorofluoromethane	µg/kg	1,230,000	BCL	--	--	--	--	25	12	0	0	<0.20	6.2 UJ	--	--	--	--	--	--	--	--	--
	1,2,3-Trichloropropane	µg/kg	121	BCL	--	--	--	--	25	12	0	0	<0.31	<6.2	--	--	--	--	--	--	--	--	--
	1,2,4-Trimethylbenzene	µg/kg	219,000	BCL	--	--	--	--	25	12	2	8	<0.23	<6.2	0.59 J	1.2 J	0.9	0.9	0.43	0.48	SA-179	0	--
	1,3,5-Trimethylbenzene	µg/kg	182,000	BCL	--	--	--	--	25	12	0	0	<0.18	<6.2	--	--	--	--	--	--	--	--	--
	Vinyl chloride	µg/kg	1,870	BCL	--	--	--	--	25	12	0	0	<0.14	<6.2	--	--	--	--	--	--	--	--	--
	m,p-Xylene	µg/kg	--	--	--	--	--	--	20	9	0	0	<0.38	<1.3	--	--	--	--	--	--	--	--	--
	o-Xylene	µg/kg	434,000	BCL	--	--	--	--	20	9	0	0	<0.37	<0.65	--	--	--	--	--	--	--	--	--
	Xylenes (total)	µg/kg	260,000	BCL	--	--	--	--	5	3	0	0	<11	<12	--	--	--	--	--	--	--	--	--
	tert Butyl alcohol	µg/kg	7,270,000	BCL	--	--	--	--	25	12	0	0	<4.1	<13	--	--	--	--	--	--	--	--	--
SVOCs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	39	17	0	0	<10	<410	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	39	17	0	0	<17	<410	--	--	--	--	--	--	--	--	--
	Aniline	µg/kg	619,000	BCL	--	--	--	--	12	4	0	0	<92	<200	--	--	--	--	--	--	--	--	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	39	17	0	0	<17	<410	--	--	--	--	--	--	--	--	--
	Benzidine	µg/kg	15.3	BCL	--	--	--	--	12	4	0	0	<180	1,500 UJ	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	39	17	0	0	<20	<410	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	39	17	0	0	<20	<410	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	39	17	0	0	<26	<410	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	39	17	0	0	<16	<410	--	--	--	--	--	--	--	--	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	39	17	0	0	<39	<410	--	--	--	--	--	--	--	--	--
	Benzoic acid	µg/kg	100,000,000	BCL	--	--	--	--	12	4	0	0	<370	<780	--	--	--	--	--	--	--	--	--
	Benzyl alcohol	µg/kg	91,200,000	BCL	--	--	--	--	12	4	0	0	<160	<460	--	--	--	--	--	--	--	--	--
	4-Bromophenyl-phenyl ether	µg/kg	--	--	--	--	--	--	12	4	0	0	<78	<170	--	--	--	--	--	--	--	--	--
	Butylbenzylphthalate	µg/kg	1,860,000	BCL	--	--	--	--	39	17	0	0	<42	<410	--	--	--	--	--	--	--	--	--
	4-Chloroaniline	µg/kg	17,600	BCL	--	--	--	--	12	4	0	0	<140	<310	--	--	--	--	--	--	--	--	--
	2-Chloronaphthalene	µg/kg	175,000	BCL	--	--	--	--	12	4	0	0	<70	<150	--	--	--	--	--	--	--	--	--
	2-Chlorophenol	µg/kg	6,490,000	BCL	--	--	--	--	12	4	0	0	<73	<160	--	--	--	--	--	--	--	--	--
	4-Chlorophenyl-phenyl ether	µg/kg	--	--	--	--	--	--	12	4	0	0	<92	<230	--	--	--	--	--	--	--	--	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	39	17	0	0	<26	<410	--	--	--	--	--	--	--	--	--
	Di-n-butylphthalate	µg/kg	91,200,000	BCL	--	--	--	--	39	17	0	0	<28	<410	--	--	--	--	--	--	--	--	--
	Di-n-octylphthalate	µg/kg	9,120,000	BCL	--	--	--	--	39	17	0	0	<14	<410	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	39	17	0	0	<19	<410	--	--	--	--	--	--	--	--	--
	Dibenzofuran	µg/kg	171,000	BCL	--	--	--	--	12	4	0	0	<72	<160	--	--	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	µg/kg	7,840	BCL	--	--	--	--	12	4	0	0	<160	<340	--	--	--	--	--	--	--	--	--
	2,4-Dichlorophenol	µg/kg	2,740,000	BCL	--	--	--	--	12	4	0	0	<70	<150	--	--	--	--	--	--	--	--	--
	Diethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	39	17	0	0	<25	<410	--	--	--	--	--	--	--	--	--
	2,4-Dimethylphenol	µg/kg	18,200,000	BCL	--	--	--	--	12	4	0	0	<140	<300	--	--	--	--	--	--	--	--	--
	Dimethylphthalate	µg/kg	100,000,000	BCL	--	--	--	--	39	17	0	0	<23	<410	--	--	--	--	--	--	--	--	--
	2,4-Dinitrophenol	µg/kg	1,820,000	BCL	--	--	--	--	12	4	0	0	<360	<1,100	--	--	--	--	--	--	--	--	--
	2,4-Dinitrotoluene	µg/kg	11,400	BCL	--	--	--	--	12	4	0	0	<83	<180	--	--	--	--	--	--	--	--	--
	2,6-Dinitrotoluene	µg/kg	2,350	BCL	--	--	--	--	12	4	0	0	<99	<220	--	--	--	--	--	--	--	--	--
	1,4-Dioxane	µg/kg	27,200	BCL	--	--	--	--	27	13	0	0	<65	<410	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	39	17	0	0	<35	<410	--	--	--	--	--	--	--	--	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	39	17	0	0	<18	<410	--	--	--	--	--	--	--	--	--
	Hexachlorobenzene	µg/kg	231	BCL	--	--	--	--	39	17	1	2.6	<30	<410	250 J	250 J	250	250	--	--	SA-167	1	1.1
	Hexachlorocyclopentadiene	µg/kg	7,460	BCL	--	--	--	--	12	4	0	0	140 UJ	<350	--	--	--	--	--	--	--	--	--
	Hexachloroethane	µg/kg	8,470	BCL	--	--	--	--	12	4	0	0	<73	<310	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	39	17	0	0	<22	<410	--	--	--	--	--	--	--	--	--
	Isophorone	µg/kg	3,710,000	BCL	--	--	--	--	12	4	0	0	<70	<150	--	--	--	--	--	--	--	--	--
	1-Methylnaphthalene	µg/kg	770	BCL	--	--	--	--	12	4	0	0	<160	<340	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	µg/kg	368,000	BCL	--	--	--	--	39	17	0	0	<19	<410	--	--	--	--	--	--	--	--	--

TABLE 4-21a. STATISTICAL SUMMARY OF ECA GROUP D5-D8 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
SVOCs	2-Methylphenol	µg/kg	45,600,000	BCL	--	--	--	--	12	4	0	0	<83	<180	--	--	--	--	--	--	--	--	--
	3&4-Methylphenol	µg/kg	16,000,000	RSL	--	--	--	--	12	4	0	0	<140	<310	--	--	--	--	--	--	--	--	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	39	17	0	0	<30	<410	--	--	--	--	--	--	--	--	--
	2-Nitroaniline	µg/kg	8,840,000	BCL	--	--	--	--	12	4	0	0	<72	<190	--	--	--	--	--	--	--	--	--
	3-Nitroaniline	µg/kg	--	--	--	--	--	--	12	4	0	0	<140	<310	--	--	--	--	--	--	--	--	--
	4-Nitroaniline	µg/kg	176,000	BCL	--	--	--	--	12	4	0	0	<140	<310	--	--	--	--	--	--	--	--	--
	Nitrobenzene	µg/kg	22,500	BCL	--	--	--	--	39	17	0	0	<22	<410	--	--	--	--	--	--	--	--	--
	2-Nitrophenol	µg/kg	--	--	--	--	--	--	12	4	0	0	<140	<310	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	µg/kg	7,290,000	BCL	--	--	--	--	12	4	0	0	<150	<560	--	--	--	--	--	--	--	--	--
	n-Nitrosodiphenylamine	µg/kg	720,000	BCL	--	--	--	--	12	4	0	0	<86	<180	--	--	--	--	--	--	--	--	--
	Octachlorostyrene	µg/kg	--	--	--	--	--	--	39	17	1	2.6	<58	<5,300	77 J	77 J	77	77	--	--	SA-167	--	--
	Pentachlorophenol	µg/kg	8,450	BCL	--	--	--	--	12	4	0	0	<350	<780	--	--	--	--	--	--	--	--	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	39	17	0	0	<17	<410	--	--	--	--	--	--	--	--	--
	Phenol	µg/kg	100,000,000	BCL	--	--	--	--	12	4	0	0	<94	<210	--	--	--	--	--	--	--	--	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	39	17	0	0	<12	<410	--	--	--	--	--	--	--	--	--
	Pyridine	µg/kg	1,300,000	BCL	--	--	--	--	39	17	0	0	<130	<2,000	--	--	--	--	--	--	--	--	--
	2,4,5-Trichlorophenol	µg/kg	91,200,000	BCL	--	--	--	--	12	4	0	0	<140	<300	--	--	--	--	--	--	--	--	--
	2,4,6-Trichlorophenol	µg/kg	321,000	BCL	--	--	--	--	12	4	0	0	<81	<180	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethoxy)methane	µg/kg	2,740,000	BCL	--	--	--	--	12	4	0	0	<140	<310	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl) ether	µg/kg	1,150	BCL	--	--	--	--	12	4	0	0	<73	<160	--	--	--	--	--	--	--	--	--
	bis(2-Ethylhexyl)phthalate	µg/kg	252,000	BCL	--	--	--	--	39	17	0	0	<45	<410	--	--	--	--	--	--	--	--	--
	4-Chloro-3-methylphenol	µg/kg	91,200,000	BCL	--	--	--	--	12	4	0	0	<75	<230	--	--	--	--	--	--	--	--	--
	n-Nitroso-di-n-propylamine	µg/kg	504	BCL	--	--	--	--	12	4	0	0	<73	<160	--	--	--	--	--	--	--	--	--
PAHs	Acenaphthene	µg/kg	118,000	BCL	--	--	--	--	12	4	0	0	<4.2	<4.5	--	--	--	--	--	--	--	--	--
	Acenaphthylene	µg/kg	44,000	BCL	--	--	--	--	12	4	0	0	<4.2	<4.5	--	--	--	--	--	--	--	--	--
	Anthracene	µg/kg	4,260	BCL	--	--	--	--	12	4	0	0	<4.2	<4.5	--	--	--	--	--	--	--	--	--
	Benzo(a)anthracene	µg/kg	9,980	BCL	--	--	--	--	12	4	1	8.3	<4.2	<4.5	28 J	28 J	28	28	--	--	RIDB-8	0	--
	Benzo(a)pyrene	µg/kg	3,500	BCL	--	--	--	--	12	4	1	8.3	<4.2	<4.5	18 J	18 J	18	18	--	--	RIDB-8	0	--
	Benzo(b)fluoranthene	µg/kg	35,000	BCL	--	--	--	--	12	4	1	8.3	<4.2	<4.5	40	40	40	40	--	--	RIDB-8	0	--
	Benzo(g,h,i)perylene	µg/kg	25,100,000	BCL	--	--	--	--	12	4	1	8.3	<4.2	<4.5	17 J	17 J	17	17	--	--	RIDB-8	0	--
	Benzo(k)fluoranthene	µg/kg	350,000	BCL	--	--	--	--	12	4	1	8.3	<4.2	<4.5	15 J	15 J	15	15	--	--	RIDB-8	0	--
	Chrysene	µg/kg	3,500,000	BCL	--	--	--	--	12	4	1	8.3	<4.2	<4.5	31 J	31 J	31	31	--	--	RIDB-8	0	--
	Dibenz(a,h)anthracene	µg/kg	3,500	BCL	--	--	--	--	12	4	1	8.3	<4.2	<4.5	5.0 J	5.0 J	5	5	--	--	RIDB-8	0	--
	Fluoranthene	µg/kg	33,500,000	BCL	--	--	--	--	12	4	1	8.3	<4.2	<4.5	70	70	70	70	--	--	RIDB-8	0	--
	Fluorene	µg/kg	93,100	BCL	--	--	--	--	12	4	0	0	<4.2	<4.5	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-cd)pyrene	µg/kg	35,000	BCL	--	--	--	--	12	4	1	8.3	<4.2	<4.5	21 J-	21 J-	21	21	--	--	RIDB-8	0	--
	Naphthalene	µg/kg	11,300	BCL	--	--	--	--	12	4	0	0	<4.2	<4.5	--	--	--	--	--	--	--	--	--
	Phenanthrene	µg/kg	24,500	BCL	--	--	--	--	12	4	1	8.3	<4.2	<4.5	37	37	37	37	--	--	RIDB-8	0	--
	Pyrene	µg/kg	44,000	BCL	--	--	--	--	12	4	1	8.3	<4.2	<4.5	47	47	47	47	--	--	RIDB-8	0	--
PCBs	Aroclor-1016	µg/kg	45,200	BCL	--	--	--	--	10	5	0	0	<18	<41	--	--	--	--	--	--	--	--	--
	Aroclor-1221	µg/kg	1,280	BCL	--	--	--	--	10	5	0	0	<18	<41	--	--	--	--	--	--	--	--	--
	Aroclor-1232	µg/kg	1,060	BCL	--	--	--	--	10	5	0	0	<18	<41	--	--	--	--	--	--	--	--	--
	Aroclor-1242	µg/kg	1,550	BCL	--	--	--	--	10	5	0	0	<18	<41	--	--	--	--	--	--	--	--	--
	Aroclor-1248	µg/kg	1,560	BCL	--	--	--	--	10	5	0	0	<18	<41	--	--	--	--	--	--	--	--	--
	Aroclor-1254	µg/kg	1,600	BCL	--	--	--	--	10	5	0	0	<18	<41	--	--	--	--	--	--	--	--	--
	Aroclor-1260	µg/kg	1,650	BCL	--	--	--	--	17	7	0	0	<18	<41	--	--	--	--	--	--	--	--	--
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	26.7	BCL	--	--	--	--	44	24	38	86.4	<0.11	<0.51	0.084 JK	50	1.4	5	11	2.1	SA-167	2	1.9
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	44	24	35	79.5	<0.074	<0.71	0.30 J	180	3.3	18	40	2.2	SA-167	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	44	24	42	95.5	<0.25	<0.61	0.11 JK	143	2.5	11	28	2.5	SA-167	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	44	24	42	95.5	<0.24	<0.53	0.15 JK	264	3.8	21	53	2.5	SA-167	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	581	BCL	--	--	--	--	44	24	44	100	--	--	0.18 JK	271	3.8	19	47	2.5	SA-167	0	--
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	44	24	44	100	--	--	0.86 JK	850	12	73	170	2.3	SA-167	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	44	24	44	100	--	--	2.5 J	1,590 J	28	120	300	2.5	SA-72	--	--
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	--	--	--	--	--	--	44	24	41	93.2	<0.091	<0.42	0.23 J	880	17	110	200	1.9	SA-167	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	44	24	43	97.7	<0.33	<0.33	0.68 J	2,200	30	190	460	2.4	SA-167	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	44	24	38	86.4	<0.12	<0.84	0.39 J	1,100	16	100	240	2.3	SA-167	--	--

TABLE 4-21a. STATISTICAL SUMMARY OF ECA GROUP D5-D8 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Dioxins/Furans	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	44	24	42	95.5	<0.30	<0.41	0.68 J	6,930	60	410	1,200	2.9	SA-167	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	44	24	44	100	--	--	0.52 J	4,100	42	280	760	2.8	SA-167	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	44	24	43	97.7	0.32 UJ	0.32 UJ	0.30 JK	720	12	48	130	2.6	SA-167	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	44	24	42	95.5	<0.14	<0.47	0.33 JK	1,140	11	75	200	2.6	SA-167	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	44	24	44	100	--	--	1.4 J	9,400	150	770	1,900	2.4	SA-167	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	44	24	44	100	--	--	1.0 J	4,000	70	340	780	2.3	SA-167	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	pg/g	--	--	--	--	--	--	44	24	44	100	--	--	5.2 J	20,000	380	1,900	4,400	2.3	SA-167	--	--
	Total Dioxin/Furan TEQ (Calculated)	pg/g	2,700	SS	--	--	--	--	42	22	42	100	--	--	0.64	1,600	24	110	280	2.6	SA-167	0	--
Pesticides - OCPs	Aldrin	µg/kg	205	BCL	--	--	--	--	15	7	0	0	<1.6	<21	--	--	--	--	--	--	--	--	--
	alpha-BHC	µg/kg	274,000	BCL	--	--	--	--	15	7	1	6.7	<1.6	<21	1.6 J+	1.6 J+	1.6	1.6	--	--	RIDB-8	0	--
	beta-BHC	µg/kg	54,700	BCL	--	--	--	--	15	7	6	40	<1.6	<1.9	1.9 J	160	20	40	60	1.5	RIDB-8	0	--
	delta-BHC	µg/kg	333,000	BCL	--	--	--	--	15	7	0	0	<1.6	<21	--	--	--	--	--	--	--	--	--
	gamma-BHC	µg/kg	11,100	BCL	--	--	--	--	15	7	0	0	<1.6	<21	--	--	--	--	--	--	--	--	--
	Chlordane (total)	µg/kg	--	--	--	--	--	--	3	3	0	0	<11	<120	--	--	--	--	--	--	--	--	--
	alpha-Chlordane	µg/kg	500,000	RSL	--	--	--	--	15	7	0	0	<1.9	<21	--	--	--	--	--	--	--	--	--
	gamma-Chlordane	µg/kg	500,000	RSL	--	--	--	--	15	7	0	0	<1.6	<21	--	--	--	--	--	--	--	--	--
	4,4'-DDD	µg/kg	14,700	BCL	--	--	--	--	15	7	1	6.7	<1.6	<21	46 J+	46 J+	46	46	--	--	RIDB-8	0	--
	2,4'-DDE	µg/kg	--	--	--	--	--	--	12	4	5	41.7	<1.6	<1.7	3.0 J	83	10	26	33	1.3	RIDB-8	--	--
	4,4'-DDE	µg/kg	10,300	BCL	--	--	--	--	15	7	5	33.3	<1.6	<21	4.0 J	200 J-	13	52	84	1.6	RIDB-8	0	--
	4,4'-DDT	µg/kg	10,600	BCL	--	--	--	--	15	7	5	33.3	<1.6	<21	3.2 J	180	11	45	76	1.7	RIDB-8	0	--
	Dieldrin	µg/kg	220	BCL	--	--	--	--	15	7	0	0	<1.6	<21	--	--	--	--	--	--	--	--	--
	Endosulfan I	µg/kg	--	--	--	--	--	--	15	7	0	0	<1.6	<21	--	--	--	--	--	--	--	--	--
	Endosulfan II	µg/kg	--	--	--	--	--	--	15	7	0	0	<1.6	<21	--	--	--	--	--	--	--	--	--
	Endosulfan sulfate	µg/kg	4,900,000	RSL	--	--	--	--	15	7	0	0	<1.9	<21	--	--	--	--	--	--	--	--	--
	Endrin	µg/kg	274,000	BCL	--	--	--	--	15	7	0	0	<1.6	<21	--	--	--	--	--	--	--	--	--
	Endrin aldehyde	µg/kg	--	--	--	--	--	--	15	7	0	0	<1.6	<21	--	--	--	--	--	--	--	--	--
	Endrin ketone	µg/kg	--	--	--	--	--	--	15	7	0	0	<1.9	<21	--	--	--	--	--	--	--	--	--
	Heptachlor	µg/kg	696	BCL	--	--	--	--	15	7	0	0	<1.9	<21	--	--	--	--	--	--	--	--	--
	Heptachlor epoxide	µg/kg	366	BCL	--	--	--	--	15	7	0	0	<1.9	<21	--	--	--	--	--	--	--	--	--
	Methoxychlor	µg/kg	4,560,000	BCL	--	--	--	--	15	7	0	0	<1.6	<41	--	--	--	--	--	--	--	--	--
	Toxaphene	µg/kg	3,210	BCL	--	--	--	--	15	7	0	0	<52	<620	--	--	--	--	--	--	--	--	--
Pesticides - OPPs	Chlorpyrifos	µg/kg	912,000	BCL	--	--	--	--	3	3	0	0	<22	<25	--	--	--	--	--	--	--	--	--
	Coumaphos	µg/kg	--	--	--	--	--	--	3	3	0	0	<14	16 UJ	--	--	--	--	--	--	--	--	--
	Dasanit	µg/kg	--	--	--	--	--	--	3	3	0	0	<14	<16	--	--	--	--	--	--	--	--	--
	Demeton-O	µg/kg	--	--	--	--	--	--	3	3	0	0	<43	<48	--	--	--	--	--	--	--	--	--
	Demeton-S	µg/kg	--	--	--	--	--	--	3	3	0	0	<17	<19	--	--	--	--	--	--	--	--	--
	Diazinon	µg/kg	638,000	BCL	--	--	--	--	3	3	0	0	<24	<27	--	--	--	--	--	--	--	--	--
	Dichlorovos	µg/kg	12,200	BCL	--	--	--	--	3	3	0	0	<25	<29	--	--	--	--	--	--	--	--	--
	Dimethoate	µg/kg	2,010,000	BCL	--	--	--	--	3	3	0	0	<24	27 UJ	--	--	--	--	--	--	--	--	--
	Disulfoton	µg/kg	36,500	BCL	--	--	--	--	3	3	0	0	<53	<60	--	--	--	--	--	--	--	--	--
	EPN	µg/kg	9,120	BCL	--	--	--	--	3	3	0	0	<14	16 UJ	--	--	--	--	--	--	--	--	--
	Ethoprop	µg/kg	--	--	--	--	--	--	3	3	0	0	<17	<19	--	--	--	--	--	--	--	--	--
	Famphur	µg/kg	--	--	--	--	--	--	3	3	0	0	<14	16 UJ	--	--	--	--	--	--	--	--	--
	Fenthion	µg/kg	--	--	--	--	--	--	3	3	0	0	<36	<41	--	--	--	--	--	--	--	--	--
	Guthion	µg/kg	2,740,000	BCL	--	--	--	--	3	3	0	0	<14	16 UJ	--	--	--	--	--	--	--	--	--
	Malathion	µg/kg	18,200,000	BCL	--	--	--	--	3	3	0	0	<17	<19	--	--	--	--	--	--	--	--	--
	Merphos	µg/kg	1,030	BCL	--	--	--	--	3	3	0	0	<33	<37	--	--	--	--	--	--	--	--	--
	Methyl parathion	µg/kg	228,000	BCL	--	--	--	--	3	3	0	0	<22	<25	--	--	--	--	--	--	--	--	--
	Mevinphos	µg/kg	--	--	--	--	--	--	3	3	0	0	<17	<19	--	--	--	--	--	--	--	--	--
	Naled	µg/kg	1,290	BCL	--	--	--	--	3	3	0	0	36 UJ	41 UJ	--	--	--	--	--	--	--	--	--
	Parathion	µg/kg	5,470,000	BCL	--	--	--	--	3	3	0	0	<20	<22	--	--	--	--	--	--	--	--	--
	Phorate	µg/kg	182,000	BCL	--	--	--	--	3	3	0	0	<22	<25	--	--	--	--	--	--	--	--	--
	Prothiophos	µg/kg	--	--	--	--	--	--	3	3	0	0	<22	<25	--	--	--	--	--	--	--	--	--
	Ronnel	µg/kg	26,800	BCL	--	--	--	--	3	3	0	0	<20	22 UJ	--	--	--	--	--	--	--	--	--
	Stirophos	µg/kg	147,000	BCL	--	--	--	--	3	3	0	0	<17	19 UJ	--	--	--	--	--	--	--	--	--
	Sulfotepp	µg/kg	456,000	BCL	--	--	--	--	3	3	0	0	<22	<25	--	--	--	--	--	--	--	--	--

TABLE 4-21a. STATISTICAL SUMMARY OF ECA GROUP D5-D8 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects								
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Pesticides - OPPs	Sulprofos	µg/kg	--	--	--	--	--	--	3	3	0	0	<14	<16	--	--	--	--	--	--	--	--	--
	Thionazin	µg/kg	--	--	--	--	--	--	3	3	0	0	<20	<22	--	--	--	--	--	--	--	--	--
	Trichloronate	µg/kg	--	--	--	--	--	--	3	3	0	0	<22	<25	--	--	--	--	--	--	--	--	--
Asbestos	Long Amphibole Protocol Structures Count	s/samp	0	SS	--	--	--	--	21	21	5	23.8	0	2	2	27 J	6	10	9.9	0.97	SSAM5-01	5	N/A
	Long Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	21	21	9	42.9	0	2	2	28 J	6	8.6	8.6	1	SSAM5-01	--	--
	Long Chrysotile Protocol Structures Count	s/samp	5	SS	--	--	--	--	21	21	7	33.3	0	1	1 J	15 J	2	3.7	5.1	1.4	SSAL6-01	1	3
	Short Amphibole Structures Counts	s/samp	--	--	--	--	--	--	21	21	5	23.8	0	0	1	12	6	7	4.5	0.65	SSAM5-01	--	--
	Short Asbestos Structures Counts	s/samp	--	--	--	--	--	--	21	21	8	38.1	0	2	2 J	20	6.5	8.8	7.3	0.84	SSAM5-01	--	--
	Short Chrysotile Structures Counts	s/samp	--	--	--	--	--	--	21	21	7	33.3	0	2	1	18 J	2	5	6.2	1.2	SSAL6-01	--	--
	Total Amphibole Protocol Structures Count	s/samp	--	--	--	--	--	--	21	21	6	28.6	0	2	1	38 J	11	14	14	0.98	SSAM5-01	--	--
	Total Asbestos Protocol Structures Count	s/samp	--	--	--	--	--	--	21	21	11	52.4	0	2	2	41 J	5	14	15	1.1	SSAM5-01	--	--
	Total Chrysotile Protocol Structures Count	s/samp	--	--	--	--	--	--	21	21	9	42.9	0	2	1	33 J	3	7	10	1.4	SSAL6-01	--	--

Notes:

1. Health-based soil screening levels (HSSLs).
   SS: Site-specific values for Arsenic and Dioxin/Furan Toxicity Equivalence (TEQ).
   BCL: Lowest level among all available indoor and outdoor industrial worker Basic Comparison Levels (BCLs), NDEP 2025.
   RSL: Regional Screening Levels for industrial soil, USEPA 2024.

No detections, or maximum detected concentration is below HSSL (if available).
No HSSL available.
Radionuclides were determined to be consistent with background or natural concentration of uranium metal across OU-1.
Essential Nutrient, macronutrient or salt.
Individual VOCs were used to evaluate the nature and extent of impacts in soil from these compounds.

Sources:

[1] NDEP. 2025. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 17, July.

[2] USEPA. 2024. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund sites. November.

[3] NDEP. 2010. NDEP Response to Background Issues and Determination of Background Dataset for TRX. August 17.

[4] TIMET/BRC. 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity.

TABLE 4-21b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA GROUP D5-D8
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231
Phase A	SA-19	0 - 1.5	11/16/2006	--	--	**7.426**	**37.309**	--	**217**	**2.2**	**6.2 J-**	**9.0**	**6,680 J-**	**275**	**0.098 J**	<1.9	<360
		9.5 - 11	11/16/2006	--	--	--	--	--	**67.7**	**3.9**	**5.0 J-**	**6.8**	**9,230 J-**	**180**	**0.077 J**	--	<360
	SA-20	0 - 1.5	11/16/2006 (FD)	--	--	--	--	--	**0.158**	**3.1**	**8.2**	**11.9**	**8,460 J-**	**396**	**0.25 J**	<21	<410
			11/16/2006	--	--	--	--	--	**0.15**	**2.7**	**6.5**	**9.7**	**7,500 J-**	**304**	**0.12 J**	<1.9	<370
		9.5 - 11	11/16/2006	--	--	--	--	--	**0.855**	**2.3**	**6.1 J-**	**8.2**	**6,390 J-**	**334**	**0.14 J**	--	<390
Phase B	SA-72	0.5 - 2	7/27/2009	--	--	**0.375 JK**	**12.0**	**26.7**	**4,470**	**2.15**	**7.3**	**9.3**	**7,710**	**418 J**	**0.121**	--	--
		10 - 11.5	7/27/2009	--	--	--	--	--	**1,320**	**5.7**	**7.5**	**7.8**	**16,000**	**303 J**	**0.101**	--	--
	SA-167	0.5	7/13/2009	0	0	--	--	--	--	--	--	--	--	--	--	--	--
		1 - 2.5	8/19/2009	--	--	**41.5**	**271**	--	**4.12 J+**	**2.38**	**8.1**	**15.4**	**9,100 J**	**655 J**	**0.175**	--	--
		1.5 - 2	12/17/2009	--	--	**5.1**	**29 J**	**260**	--	--	--	--	--	--	--	--	--
		2 - 2.5	12/17/2009	--	--	**0.20 J**	**0.81 J**	**5.6**	--	--	--	--	--	--	--	--	--
	SA-173	0.5	9/11/2009	**6**	0	--	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 2	7/27/2009	--	--	**4.37**	**15.2**	**189**	**3.01**	**2.72**	**8**	**20.1**	**8,990**	**597 J**	**0.102**	--	--
			7/27/2009 (FD)	--	--	**4.72**	**15.8**	**185**	**3.28**	**2.34**	**7.7**	**14.6**	**8,610**	**396 J**	**0.1**	--	--
		10 - 11.5	7/27/2009	--	--	--	--	--	**0.973**	**6.06**	**5.1**	**6.9**	**12,600**	**237 J**	**0.085**	--	--
	SA-179	0 - 0.5	9/11/2009	0	**3**	--	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 2	7/28/2009	--	--	**2.28**	**11.6**	**81**	**46.8**	**2.64**	**7.5**	**14.3**	**8,170**	**346 J**	**0.104**	--	--
		10 - 11.5	7/28/2009	--	--	--	--	--	**2,160**	**6**	**4.2**	**5.5**	**11,700**	**190 J**	**0.084**	--	--
Pre-Excavation	BDT-2-N-10	0 - 0.5	8/25/2010	--	--	**0.64**	**1.3 J**	**16**	--	**3.4**	--	--	--	--	--	--	<31
			8/25/2010 (FD)	--	--	**0.78**	**1.8 JK**	**23**	--	**3.2**	--	--	--	--	--	--	<30
		1.5 - 2.5	8/25/2010	--	--	**0.65**	**2.4 J**	**25**	--	**3.7**	--	--	--	--	--	--	<32
		3.5 - 4.5	8/25/2010	--	--	<0.11	**0.18 JK**	**0.64**	--	**4.6**	--	--	--	--	--	--	<31
		5.5 - 6.5	8/25/2010	--	--	**9.1**	**9.6**	**140**	--	**6.4**	--	--	--	--	--	--	<32
		7.5 - 8.5	8/25/2010	--	--	**1.6**	**3.7**	**45**	--	**6.8**	--	--	--	--	--	--	<31
	BDT-2-N-15	0	8/25/2010	--	--	**1.9 J**	**8.3 J**	**53**	--	**3.5**	--	--	--	--	--	--	<30
		0.5 - 1.5	8/25/2010	--	--	**2.7**	**14**	**96**	--	**3.2**	--	--	--	--	--	--	<30
		2.5 - 3.5	8/25/2010	--	--	**2.3**	**11**	**78**	--	**4.1**	--	--	--	--	--	--	<31
		4.5 - 5.5	8/25/2010	--	--	<0.11	**0.86 J**	**4.7**	--	**4.6**	--	--	--	--	--	--	<32
		6.5 - 7.5	8/25/2010	--	--	**0.37 JK**	**2.0 J**	**13**	--	**5.3**	--	--	--	--	--	--	<30
		8.5 - 9.5	8/25/2010	--	--	**0.56 JK**	**2.5 J**	**18**	--	**7.4**	--	--	--	--	--	--	<32
	BDT-2-N-20	0 - 1	8/25/2010	--	--	**1.4**	**6.5**	**41**	--	**3.0**	--	--	--	--	--	--	<31
		2 - 3	8/25/2010	--	--	**0.68**	**4.0**	**23**	--	**3.0**	--	--	--	--	--	--	<31
		4 - 5	8/25/2010	--	--	**0.69**	**3.0**	**21**	--	**3.2**	--	--	--	--	--	--	<30
		6 - 7	8/25/2010	--	--	**0.68**	**5.0**	**24**	--	**3.9**	--	--	--	--	--	--	<32
		8 - 9	8/25/2010	--	--	**2.4**	**13 J**	**75**	--	**4.6**	--	--	--	--	--	--	<31
			8/25/2010 (FD)	--	--	**1.6**	**7.7 J**	**52**	--	**4.2**	--	--	--	--	--	--	<31
		10 - 11	8/25/2010	--	--	**0.38 J**	**1.8 J**	**12**	--	**6.2**	--	--	--	--	--	--	<31
	SA-19	0	5/13/2010	0	0	--	--	--	--	--	--	--	--	--	--	--	--
			5/13/2010 (FD)	0	0	--	--	--	--	--	--	--	--	--	--	--	--
	SA-72	4 - 5	4/15/2010	--	--	--	--	--	**3,900**	--	--	--	--	--	--	--	--
		6 - 7	4/15/2010	--	--	--	--	--	**2,200**	--	--	--	--	--	--	--	--
		8 - 9	4/15/2010	--	--	--	--	--	**3,000**	--	--	--	--	--	--	--	--
	SA-167	0.5 - 1	6/17/2010	--	--	**50**	**130**	**1,600**	--	--	--	--	--	--	--	--	**250 J**
	SA-173	0.5	4/15/2010	0	0	--	--	--	--	--	--	--	--	--	--	--	--
	SA-179	3 - 4	6/23/2010	--	--	--	--	--	**22**	--	--	--	--	--	--	--	--
		5 - 6	6/23/2010	--	--	--	--	--	**370**	--	--	--	--	--	--	--	--
		7 - 8	6/23/2010	--	--	--	--	--	**110**	--	--	--	--	--	--	--	--
		9 - 10	6/23/2010	--	--	--	--	--	**130**	--	--	--	--	--	--	--	--
	SSAK5-04	0 - 0.5	5/11/2010	0	1	--	--	--	--	--	--	--	--	--	--	--	--
		0 - 1	5/11/2010	0	0	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 4-21b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA GROUP D5-D8
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
			HSSL:	0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231
Pre-Excavation	SSAK5-04	0 - 1	5/11/2010 (FD)	1	0	--	--	--	--	--	--	--	--	--	--	--	--
		1 - 2	5/14/2010	--	--	**0.084 JK**	**0.24 JK**	**1.00**	--	--	--	--	--	--	--	--	<32
		2 - 3	5/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	<30
	SSAL5-03	0.5	4/16/2010	0	**2 J**	--	--	--	--	--	--	--	--	--	--	--	--
		1.5 - 2.5	4/21/2010	--	--	**24**	**110**	**800**	--	--	--	--	--	--	--	--	--
	SSAL5-04	1.5 - 2.5	4/15/2010	--	--	**0.75**	**3.1**	**27**	--	--	--	--	--	--	--	--	--
	SSAL5-05	2.5 - 3.5	4/16/2010	--	--	--	--	--	**880**	--	--	--	--	--	--	--	--
		3.5 - 4.5	5/17/2010	--	--	--	--	--	**1,100**	--	--	--	--	--	--	--	--
		4.5 - 5.5	4/16/2010	--	--	--	--	--	**290**	--	--	--	--	--	--	--	--
		6.5 - 7.5	4/16/2010	--	--	--	--	--	**360**	--	--	--	--	--	--	--	--
		8.5 - 9.5	4/16/2010	--	--	--	--	--	**210**	--	--	--	--	--	--	--	--
	SSAL5-07	0	8/25/2010	0	1	--	--	--	--	--	--	--	--	--	--	--	--
	SSAL6-01	0	5/18/2010	0	**3 J**	--	--	--	--	--	--	--	--	--	--	--	--
		0 - 0.5	5/18/2010	0	**15 J**	--	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 1.5	5/18/2010	--	--	<0.27	**0.66 JK**	**6.4**	**40**	--	--	--	--	--	--	--	--
		4.5 - 5.5	5/18/2010	--	--	--	--	--	**8.8**	--	--	--	--	--	--	--	--
	SSAL6-02	0 - 0.5	5/18/2010	0	0	--	--	--	--	--	--	--	--	--	--	--	--
		0.5	5/18/2010	0	0	--	--	--	--	--	--	--	--	--	--	--	--
		1 - 2	5/18/2010	--	--	--	--	--	**5.7**	--	--	--	--	--	--	--	--
		5 - 6	5/18/2010	--	--	--	--	--	**9.8**	--	--	--	--	--	--	--	--
	SSAM5-01	0 - 0.2	4/16/2010	**27 J**	**1 J**	--	--	--	--	--	--	--	--	--	--	--	--
			4/16/2010 (FD)	**11 J**	**1 J**	--	--	--	--	--	--	--	--	--	--	--	--
		0.3 - 0.5	4/16/2010	**5**	**1 J**	--	--	--	--	--	--	--	--	--	--	--	--
		0.7 - 1	8/04/2010	**2**	0	--	--	--	--	--	--	--	--	--	--	--	--
		1 - 1.2	8/04/2010	2	0	--	--	--	--	--	--	--	--	--	--	--	--
		1.5 - 1.7	10/28/2010	0	0	--	--	--	--	--	--	--	--	--	--	--	--
		2 - 3	4/15/2010	--	--	--	--	--	**2.9**	--	--	--	--	--	--	--	--
		4 - 5	4/15/2010	--	--	--	--	--	**2.7**	--	--	--	--	--	--	--	--
		6 - 7	4/15/2010	--	--	--	--	--	**3.1**	--	--	--	--	--	--	--	--
		8 - 9	4/15/2010	--	--	--	--	--	**8.2**	--	--	--	--	--	--	--	--
		10 - 11	4/15/2010	--	--	--	--	--	**6.6**	--	--	--	--	--	--	--	--
Phase 1 RI	RISB-25	0.5 - 1	10/23/2014	--	--	--	--	--	**5.8**	**2.0**	**8.6**	**11**	**8,500**	**600**	<0.26	--	--
		5 - 5.5	10/23/2014	--	--	--	--	--	**4.4**	**3.8**	**7.9**	**9.4**	**9,200**	**360**	<0.27	--	--
		10 - 10.5	10/23/2014	--	--	--	--	--	**7.3**	**6.9**	**6.8**	**7.7**	**13,000**	**270**	<0.27	--	--
Phase 2 RI	RIDB-8	1 - 1.5	2/22/2017	--	--	**9.6 J**	**55**	**500**	**19**	**4.2**	**6.5**	**19**	**9,100**	**710**	<0.51	<2.1	<160
		5 - 5.5	2/22/2017	--	--	<0.51	**1.4 J**	**4.2**	**110**	**3.7**	**5.8**	**7.8**	**13,000**	**370**	<0.53	<2.2	<77
		10 - 10.5	2/22/2017	--	--	<0.37	**0.51 J**	**0.85**	**110**	**8.0**	**6.0**	**7.6**	**13,000**	**360**	<0.46	<2.2	<75
	RIDB-34	1 - 1.5	12/12/2018	--	--	**2.6 J**	**7.3 J**	**36**	**93**	**5.2**	**9.1**	**10**	**8,600**	**450 J**	<0.53	<2.1	<76
		5 - 5.5	12/12/2018	--	--	**1.7 J**	**1.4 J**	**3.9**	**80**	**5.0**	**7.7**	**7.9**	**11,000**	**330 J**	<0.53	<2.2	<77
		10 - 10.5	12/13/2018	--	--	**1.2 J**	**3.1 J**	**3.9**	**410**	**9.3**	**5.3**	**7.6**	**9,300**	**240 J+**	<0.51	<2.1	<75
	RIDB-35	1 - 1.5	12/12/2018	--	--	**1.1 J**	**1.7 J**	**11**	**5.0**	**9.8**	**3.3**	**18**	**2,100**	**200 J**	<0.50	<2.1	<74
		5 - 5.5	12/12/2018	--	--	**0.86 J**	**3.8 J**	**26**	**5.3**	**17**	**2.4**	**17**	**1,600**	**120 J**	<0.50	<2.1	<74
		10 - 10.5	12/12/2018	--	--	**0.36 J**	**0.40 J**	**1.5**	**3.5**	**10**	**6.8**	**5.8**	**21,000**	**300 J**	<0.52	<2.2	<79
	RIDB-36	1 - 1.5	12/13/2018	--	--	**0.99 J**	**1.3 J**	**7.4**	**21**	**14**	**3.1**	**17**	**2,100**	**190 J+**	<0.50	<2.1	<73
		5 - 5.5	12/13/2018	--	--	**1.5 J**	**4.8 J**	**29**	**8.2**	**13**	**1.9**	**16**	**9,000**	**140 J+**	<0.48	<2.1	<74
		10 - 10.5	12/13/2018	--	--	<0.23	**1.0 J**	**2.7**	**460**	**8.9**	**7.7**	**7.9**	**15,000**	**380 J+**	<0.49	<2.2	<78
	RISB-01	0.5 - 1	12/18/2018	--	--	--	--	--	**800**	**6.1**	**6.7**	**12**	**11,000**	**440**	<0.50	--	--
		5 - 5.5	12/18/2018	--	--	--	--	--	**93**	**6.6**	**7.3**	**8.1**	**9,700**	**340**	<0.46	--	--
		10 - 10.5	12/18/2018	--	--	--	--	--	**6.0**	**7.4**	**7.9**	**7.6**	**12,000**	**340**	<0.47	--	--
	RISB-02	0.5 - 1	12/18/2018	--	--	--	--	--	**0.33**	**8.3**	**1.8**	**21**	**2,000**	**180**	<0.20	--	--

TABLE 4-21b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA GROUP D5-D8
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Long Amphibole Protocol Structures Count (s/samp)	Long Chrysotile Protocol Structures Count (s/samp)	TCDD (pg/g)	1,9-HxCDD (pg/g)	Total Dioxin/Furan TEQ (Calculated) (pg/g)	Perchlorate (mg/kg)	Arsenic (mg/kg)	Cobalt (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Thallium (mg/kg)	Heptachlor (µg/kg)	Hexachlorobenzene (SVOCs, µg/kg)
		HSSL:		0	5	26.7	581	2,700	908	7.2	385	800	100,000	100,000	13	696	231
Phase 2 RI	RISB-02	5 - 5.5	12/18/2018	--	--	--	--	--	**17**	**7.8**	**5.9**	**13**	**6,600**	**420**	<0.45	--	--
		10 - 10.5	12/18/2018	--	--	--	--	--	**51**	**7.9**	**7.2**	**8.3**	**11,000**	**320**	<0.53	--	--
			12/18/2018 (FD)	--	--	--	--	--	**52**	**7.3**	**7.6**	**8.0**	**11,000**	**320**	<0.51	--	--
	RISB-03	0.5 - 1	12/18/2018	--	--	--	--	--	**71**	**9.1**	**3.2**	**18**	**2,600**	**260**	<0.19	--	--
		5 - 5.5	12/18/2018	--	--	--	--	--	**78**	**4.9**	**5.8**	**16**	**7,000**	**420**	<0.20	--	--
		10 - 10.5	12/18/2018	--	--	--	--	--	**58**	**8.8**	**6.9**	**7.4**	**12,000**	**320**	<0.49	--	--
	RISB-04	0.5 - 1	12/18/2018	--	--	--	--	--	**0.86**	**18**	**3.1**	**18**	**2,200 J**	**260 J**	<0.47	--	--
		5 - 5.5	12/18/2018	--	--	--	--	--	**13**	**8.5**	**1.6**	**25**	**1,800 J**	**150 J**	<0.18	--	--
		10 - 10.5	12/18/2018	--	--	--	--	--	**8.3**	**8.0**	**4.7**	**5.4**	**10,000 J**	**190 J**	<1.0	--	--
	RISB-05	0.5 - 1	12/18/2018	--	--	--	--	--	**15 J**	**6.8 J**	**2.4**	**14**	**1,900 J**	**220 J**	<0.18	--	--
			12/18/2018 (FD)	--	--	--	--	--	**5.4 J**	**13 J**	**3.4**	**15**	**2,300 J**	**270 J**	<0.45	--	--
		5 - 5.5	12/18/2018	--	--	--	--	--	**14**	**7.9**	**2.1**	**18**	**1,700 J**	**170 J**	<0.52	--	--
		10 - 10.5	12/18/2018	--	--	--	--	--	**13,000**	**8.5**	**5.2**	**6.3**	**10,000 J**	**230 J**	<0.53	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram
pg/g: picograms per gram
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

TABLE 4-22a. STATISTICAL SUMMARY OF ECA D10 SOIL SAMPLING RESULTS
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical	Unit	Health-based Soil Screening Levels[1]		RZ-A Background[3]		TIMET/BRC Background[4]		No. of Samples	No. of Samples < 2 ft bgs	No. of Detects	% Detects	Nondetects		Detects							
			Level	Source[1,2]	Minimum	Maximum	Minimum	Maximum					Minimum	Maximum	Minimum	Maximum	Median	Mean	Standard Deviation	Coefficient of Variation	Location of Maximum	No. Above HSSL	Max Sample Ratio to HSSL
Metals	Arsenic	mg/kg	7.2	SS	1.6	4.25	2.5	7.2 J	1	1	1	100	--	--	32.2 J-	32.2 J-	32	32	--	--	EE-D25A-1	1	4.5
Dioxins/Furans	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	26.7	BCL	--	--	--	--	1	1	1	100	--	--	18	18	18	18	--	--	EE-D25A-1	0	--
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	70	70	70	70	--	--	EE-D25A-1	--	--
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	51	51	51	51	--	--	EE-D25A-1	--	--
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	93	93	93	93	--	--	EE-D25A-1	--	--
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	581	BCL	--	--	--	--	1	1	1	100	--	--	100	100	100	100	--	--	EE-D25A-1	0	--
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	370	370	370	370	--	--	EE-D25A-1	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	400	400	400	400	--	--	EE-D25A-1	--	--
	2,3,7,8-Tetrachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	420	420	420	420	--	--	EE-D25A-1	--	--
	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	840	840	840	840	--	--	EE-D25A-1	--	--
	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	450	450	450	450	--	--	EE-D25A-1	--	--
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	2,000	2,000	2,000	2,000	--	--	EE-D25A-1	--	--
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	1,200	1,200	1,200	1,200	--	--	EE-D25A-1	--	--
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	170	170	170	170	--	--	EE-D25A-1	--	--
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	350	350	350	350	--	--	EE-D25A-1	--	--
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	4,200	4,200	4,200	4,200	--	--	EE-D25A-1	--	--
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	1,800	1,800	1,800	1,800	--	--	EE-D25A-1	--	--
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	pg/g	--	--	--	--	--	--	1	1	1	100	--	--	12,000	12,000	12,000	12,000	--	--	EE-D25A-1	--	--

Notes:

1. Health-based soil screening levels (HSSLs).
   SS: Site-specific values for Arsenic and Dioxin/Furan Toxicity Equivalence (TEQ).
   BCL: Lowest level among all available indoor and outdoor industrial worker Basic Comparison Levels (BCLs), NDEP 2025.
   RSL: Regional Screening Levels for industrial soil, USEPA 2024.

	No detections, or maximum detected concentration is below HSSL (if available).
	No HSSL available.
	Radionuclides were determined to be consistent with background or natural concentration of uranium metal across OU-1.
	Essential Nutrient, macronutrient or salt.
	Individual VOCs were used to evaluate the nature and extent of impacts in soil from these compounds.

Sources:

[1] NDEP. 2025. User's Guide and Background Technical Document for NDEP Basic Comparison Levels (BCLs) for Human Health for the BMI Complex and Common Areas. Revision 17, July.

[2] USEPA. 2024. Regional Screening Levels (RSL) for Chemical Contaminants at Superfund sites. November.

[3] NDEP. 2010. NDEP Response to Background Issues and Determination of Background Dataset for TRX. August 17.

[4] TIMET/BRC. 2007. Background Shallow Soil Summary Report, BMI Complex and Common Areas Vicinity.

TABLE 4-22b. SOIL ANALYTICAL EXCEEDANCES SUMMARY, ECA D10
Nevada Environmental Response Trust Site
Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	TCDD (pg/g)	1,9-HxCDD (pg/g)	Arsenic (mg/kg)
			HSSL:	26.7	581	7.2
2011 Removal Action	EE-D25A-1	0	5/18/2011	**18**	**100**	**32.2 J-**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram
pg/g: picograms per gram
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

TABLE 6-1. ECA CHARACTERIZATION SUMMARY
Nevada Environmental Response Trust Site
Henderson, Nevada

ECA	Area (acres)	% In EMD Leasehold	Short Description	ECA Group	Acreage (acres)	Proposed Approach	No. of Proposed 0-10 Foot Soil Borings (2 Samples Per Boring)	No. of Proposed Deep Soil Angled Borings (5 Samples Per Boring)
B1	23.29	79	Unit Buildings	BW (B1 west, B2 west, B4)	8.29	Statistical	9	0
B2	0.41	17	Avenue G Utility Lines					
B3	0.00	100	Fire Hydrant	BC (B1 central, B2 east, B3, B5, B6 west)	7.96	Statistical	10	3
B4	0.45	100	EMD Containment Area					
B5	0.08	100	Filter Cake Process Area					
B6	0.36	100	Unit 4 unexcavated soils	BE (B1 east, B6 east, B7)	7.88	Statistical	7	3
B7	0.35	100	Unit 5 unexcavated soils					
C1	0.06	0	4th Street North of Parcel F	C1	0.06	Screening	2	0
E1	0.04	0	4th Street Along Beta Ditch	E1	0.04	Screening	2	0
C2	0.33	0	5th Street	C2	0.33	Screening	6	0
C3	0.06	0	Avenue F	C3	0.06	Screening	2	0
C4	1.14	0	Concrete Foundation over Tunnel	C4	1.14	Statistical	5	0
C5	0.15	0	Active Utilities East of ECA C4	C5	0.15	Screening	4	0
C6	0.33	100	Pump House Yard	C6	0.33	Screening	2	0
C7	2.27	39	Avenue F, Road into Lhoist	C7	2.27	Statistical	7	0
C8	0.53	100	9th Street and Utilities	C8	0.53	Screening	8	0
C9	0.38	39	Diesel Tank and Pipelines	C9	0.38	Screening	5	0
C10	0.22	100	Area Around P/S Ponds	C10	0.22	Screening	3	0
C11	0.39	3	Natural Gas Pipeline	C11	0.39	Screening	5	0
C12	0.93	100	Steam Plant	C12/C15	0.96	Statistical	10	0
C15	0.07	100	Steam Plant roadway					
C13	0.11	100	Steam line	C13	0.11	Screening	3	0
C14	1.64	61	Process Water Piping	C14/E2	2.17	Statistical	6	0
E2	0.53	100	EMD Subsurface Process Water Lines					
C16	0.53	0	BT Tank Area	C16	0.53	Screening	6	0
C17	2.78	100	MN-1 Pond	C17/C19	2.84	Statistical	8	0
C19	0.06	100	Stormwater Conveyance					
C18	9.98	100	Leach Plant	C18	9.98	Statistical	8	0
D1	0.18	0	Power lines west of GW-11	D1, split into 4	0.18	Screening	8	0
D2	0.31	0	NERT Trailer Parking Lot	D2	0.31	Screening	4	0
D3	34.13	34	GW-11 and WC Ponds	D3/D4	34.37	Statistical	13	0
D4	0.37	0	GWETS Equalization Tanks					
D5	0.20	0	Treatment Plant Chemical Storage	D5-D8	5.47	Statistical	11	0
D6	0.32	0	Active Facility Roadway					
D7	1.52	0	Chromium Treatment Plant					
D8	3.67	0	AP-5 Pond					
D9	0.05	100	Discolored soil near TIMET property boundary	D9	0.05	Screening	2	0
D10	0.03	100	I-AC Piping	D10	0.03	Screening	2	0
				Total Proposed Soil Borings:	**163**		**Total Proposed Soil Samples:**	**344**

TABLE 6-2. PROPOSED BORING NAMES AND COORDINATES
Nevada Environmental Response Trust Site
Henderson, Nevada

ECA Group	Proposed Soil Boring Name	Approximate Easting	Approximate Northing
BW (B1 west, B2 west, B4)	BW-SB01	827100.60	26716903.73
	BW-SB02	827508.16	26716965.28
	BW-SB03	827121.86	26717219.79
	BW-SB04	827273.85	26717244.12
	BW-SB05	827366.81	26717256.07
	BW-SB06	827583.85	26717350.38
	BW-SB07	827380.71	26717462.31
	BW-SB08	827522.30	26717402.78
	BW-SB09	827567.22	26717448.53
BC (B1 central, B2 east, B3, B5, B6 west)	BC-SB01	827996.40	26717048.45
	BC-SB02	827719.43	26717052.61
	BC-SB03	827701.32	26717222.15
	BC-SB04	827766.54	26717349.74
	BC-SB05	827917.43	26717358.77
	BC-SB06	828157.70	26717385.25
	BC-SB07	828306.91	26717409.82
	BC-SB08	827653.50	26717478.15
	BC-SB09	827729.63	26717509.70
	BC-SB10	827956.48	26717470.98
	U3U6-04	828077.80	26717149.83
	U3U6-05	827703.04	26717271.68
	U3U6-06	827724.14	26717146.39
BE (B1 east, B6 east, B7)	BE-SB01	828533.22	26717443.82
	BE-SB02	828694.46	26717472.08
	BE-SB03	828802.38	26717554.16
	BE-SB04	828913.62	26717508.65
	BE-SB05	829110.88	26717542.73
	BE-SB06	829170.85	26717607.39
	BE-SB07	828597.77	26717084.22
	U3U6-01	828883.42	26717291.79
	U3U6-02	829171.09	26717484.19
	U3U6-03	829188.13	26717327.02
C1	C1-SB01	826358.32	26718386.53
	C1-SB02	826337.61	26718423.25
E1	E1-SB01	826261.76	26718868.47
	E1-SB02	826273.83	26718898.54

TABLE 6-2. PROPOSED BORING NAMES AND COORDINATES
Nevada Environmental Response Trust Site
Henderson, Nevada

ECA Group	Proposed Soil Boring Name	Approximate Easting	Approximate Northing
C2	C2-SB01	826709.55	26718068.52
	C2-SB02	826711.15	26718116.27
	C2-SB03	826701.06	26718162.51
	C2-SB04	826696.17	26718214.66
	C2-SB05	826747.37	26718202.43
	C2-SB06	826736.00	26718243.94
C3	C3-SB01	826847.98	26718051.25
	C3-SB02	826888.52	26718042.40
C4	C4-SB01	826904.94	26718082.13
	C4-SB02	826990.64	26718100.76
	C4-SB03	826946.99	26718163.04
	C4-SB04	827022.05	26718171.56
	C4-SB05	827290.34	26718141.75
C5	C5-SB01	827479.20	26718175.51
	C5-SB02	827524.48	26718194.53
	C5-SB03	827497.03	26718243.84
	C5-SB04	827492.13	26718285.47
C6	C6-SB01	827691.71	26718249.81
	C6-SB02	827738.56	26718306.24
C7	C7-SB01	827321.75	26718056.58
	C7-SB02	827459.81	26718085.61
	C7-SB03	827475.06	26718135.36
	C7-SB04	827869.12	26718207.46
	C7-SB05	828062.76	26718247.13
	C7-SB06	828205.07	26718262.22
	C7-SB07	827605.77	26718173.63
C8	C8-SB01	828222.98	26718314.17
	C8-SB02	828309.06	26718322.70
	C8-SB03	828245.54	26718399.86
	C8-SB04	828280.52	26718435.37
	C8-SB05	828242.48	26718475.10
	C8-SB06	828316.82	26718496.13
	C8-SB07	828288.44	26718370.13
	C8-SB08	828325.41	26718417.79
C9	C9C11-SB01	827902.93	26718372.33
	C9-SB02	827965.86	26718336.05
	C9-SB03	827801.86	26718359.56
	C9-SB04	827682.13	26718394.60
	C9-SB05	827677.34	26718525.55

TABLE 6-2. PROPOSED BORING NAMES AND COORDINATES
Nevada Environmental Response Trust Site
Henderson, Nevada

ECA Group	Proposed Soil Boring Name	Approximate Easting	Approximate Northing
C10	C10-SB01	827749.99	26718529.02
	C10-SB02	827796.85	26718547.12
	C10-SB03	827799.01	26718503.31
C11	C11-SB02	827874.83	26718444.64
	C11-SB03	827849.82	26718604.87
	C11-SB04	827957.35	26718386.62
	C11-SB05	828105.86	26718414.30
C12/C15	C12-SB01	827733.44	26718746.31
	C12-SB02	827749.30	26718691.50
	C12-SB03	827816.92	26718751.89
	C12-SB04	827824.45	26718705.38
	C12-SB05	827911.50	26718711.35
	C12-SB06	827981.70	26718774.70
	C12-SB07	828064.91	26718771.39
	C12-SB08	828006.96	26718711.16
	C12-SB09	828073.09	26718719.98
	C15-SB01	828049.44	26718823.66
C13	C13-SB01	828274.08	26718728.37
	C13-SB02	828281.22	26718684.45
	C13-SB03	828306.00	26718625.48
C14/E2	C14-SB01	827338.83	26718828.54
	C14-SB02	827999.61	26718927.45
	C14-SB03	828159.19	26718977.32
	C14-SB04	827821.70	26718907.95
	E2-SB01	828347.03	26719156.02
	E2-SB02	828430.15	26719475.19
C16	C16-SB01	827567.81	26719135.22
	C16-SB02	827610.93	26719123.80
	C16-SB03	827604.67	26719169.51
	C16-SB04	827683.95	26719131.40
	C16-SB05	827679.51	26719175.93
	C16-SB06	827726.02	26719202.07
C17/C19	C17-SB01	828700.47	26718863.58
	C17-SB02	828591.88	26718897.12
	C17-SB03	828566.86	26719122.82
	C17-SB04	828696.21	26719162.21
	C17-SB05	828832.31	26719165.93
	C17-SB06	828882.97	26718915.20
	C19-SB01	828920.32	26719132.40
	C19-SB02	828921.92	26719195.22

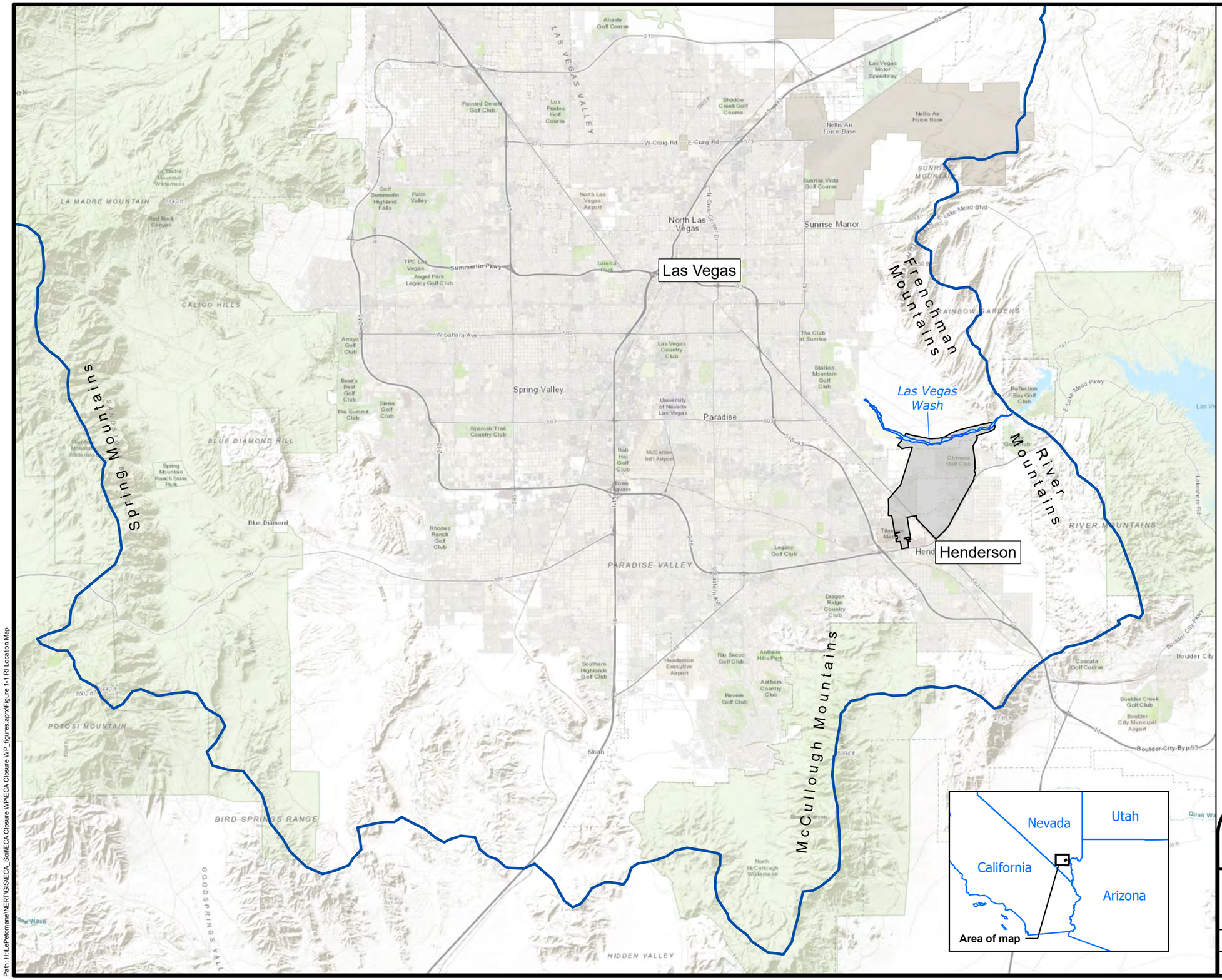
TABLE 6-2. PROPOSED BORING NAMES AND COORDINATES
Nevada Environmental Response Trust Site
Henderson, Nevada

ECA Group	Proposed Soil Boring Name	Approximate Easting	Approximate Northing
C18	C18-SB01	828504.38	26717762.46
	C18-SB02	828768.00	26717781.33
	C18-SB03	829016.14	26717851.93
	C18-SB04	828482.98	26717922.63
	C18-SB05	828651.00	26717970.87
	C18-SB06	828756.67	26718104.00
	C18-SB07	829012.81	26718045.73
	C18-SB08	829002.83	26718182.97
D1, split into 4	D1-SB01	826237.65	26719550.96
	D1-SB02	826255.74	26719579.52
	D1-SB03	826243.75	26719983.55
	D1-SB04	826216.28	26720010.80
	D1-SB05	826203.41	26720415.05
	D1-SB06	826220.64	26720435.11
	D1-SB07	826208.40	26720858.57
	D1-SB08	826179.24	26720856.56
D2	D2-SB01	826433.83	26719378.34
	D2-SB02	826493.45	26719398.03
	D2-SB03	826424.25	26719449.14
	D2-SB04	826486.96	26719476.05
D3/D4	D3-SB01	827145.26	26719916.98
	D3-SB02	826742.37	26719853.29
	D3-SB03	826493.08	26720281.32
	D3-SB04	826488.95	26720764.33
	D3-SB05	826760.16	26720905.74
	D3-SB06	827115.53	26720877.31
	D3-SB07	827826.26	26720810.30
	D3-SB08	828346.11	26720515.86
	D3-SB09	827956.22	26720345.28
	D3-SB10	827480.58	26720330.33
	D4-SB01	827370.92	26719900.55
	D4-SB02	827424.15	26720027.81
	D4-SB03	827389.60	26720224.61

TABLE 6-2. PROPOSED BORING NAMES AND COORDINATES
Nevada Environmental Response Trust Site
Henderson, Nevada

ECA Group	Proposed Soil Boring Name	Approximate Easting	Approximate Northing
D5-D8	D5-SB01	827020.99	26719477.88
	D5-SB02	827087.53	26719508.76
	D5-SB03	827165.25	26719497.58
	D6-SB01	827254.14	26719550.81
	D7-SB01	827485.17	26719903.21
	D7-SB02	827482.17	26719798.76
	D7-SB03	827553.84	26719712.64
	D7-SB04	827659.22	26719663.48
	D8-SB01	827381.37	26719281.46
	D8-SB02	827382.43	26719400.70
	D8-SB03	827689.05	26719526.32
D9	D9-SB01	828728.15	26720101.24
	D9-SB02	828762.75	26720042.68
D10	D10-SB01	828775.40	26719895.63
	D10-SB02	828801.04	26719870.62

FIGURES



LEGEND:

- Las Vegas Valley Hydrologic Basin
- NERT RI Study Area

Note:
See Figure 1-2 for NERT RI Study Area details.

N

0 2.5 5 Miles

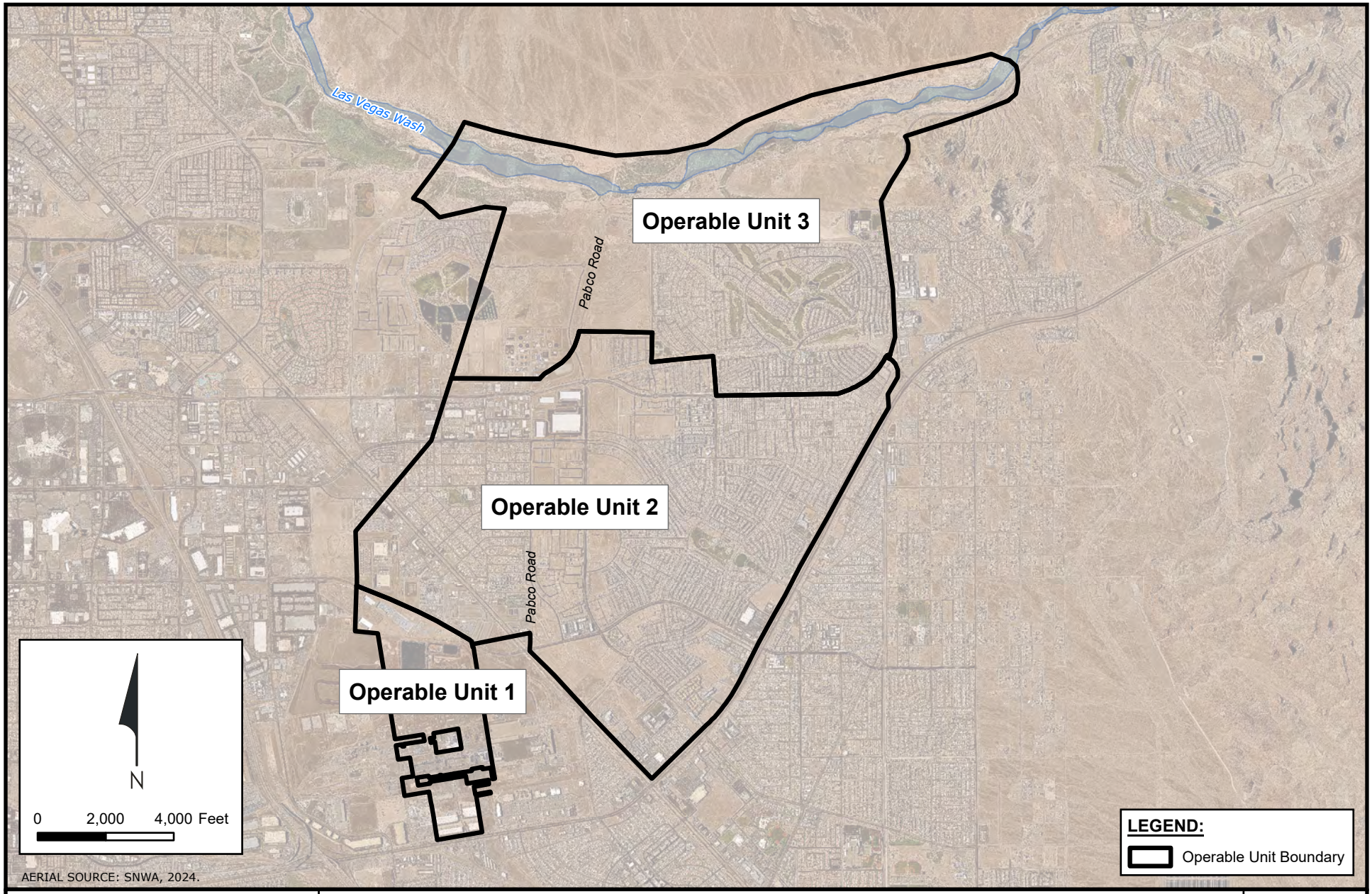
RAMBOLL

NERT RI Study Area Location Map

Nevada Environmental Response Trust Site
Henderson, Nevada

Date:	Contract Number:		Figure
2025-09-26	1940112037		1-1
Drafter: JC	Approved:	Revised:	

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 1-1 RI Location Map



AERIAL SOURCE: SNWA, 2024.

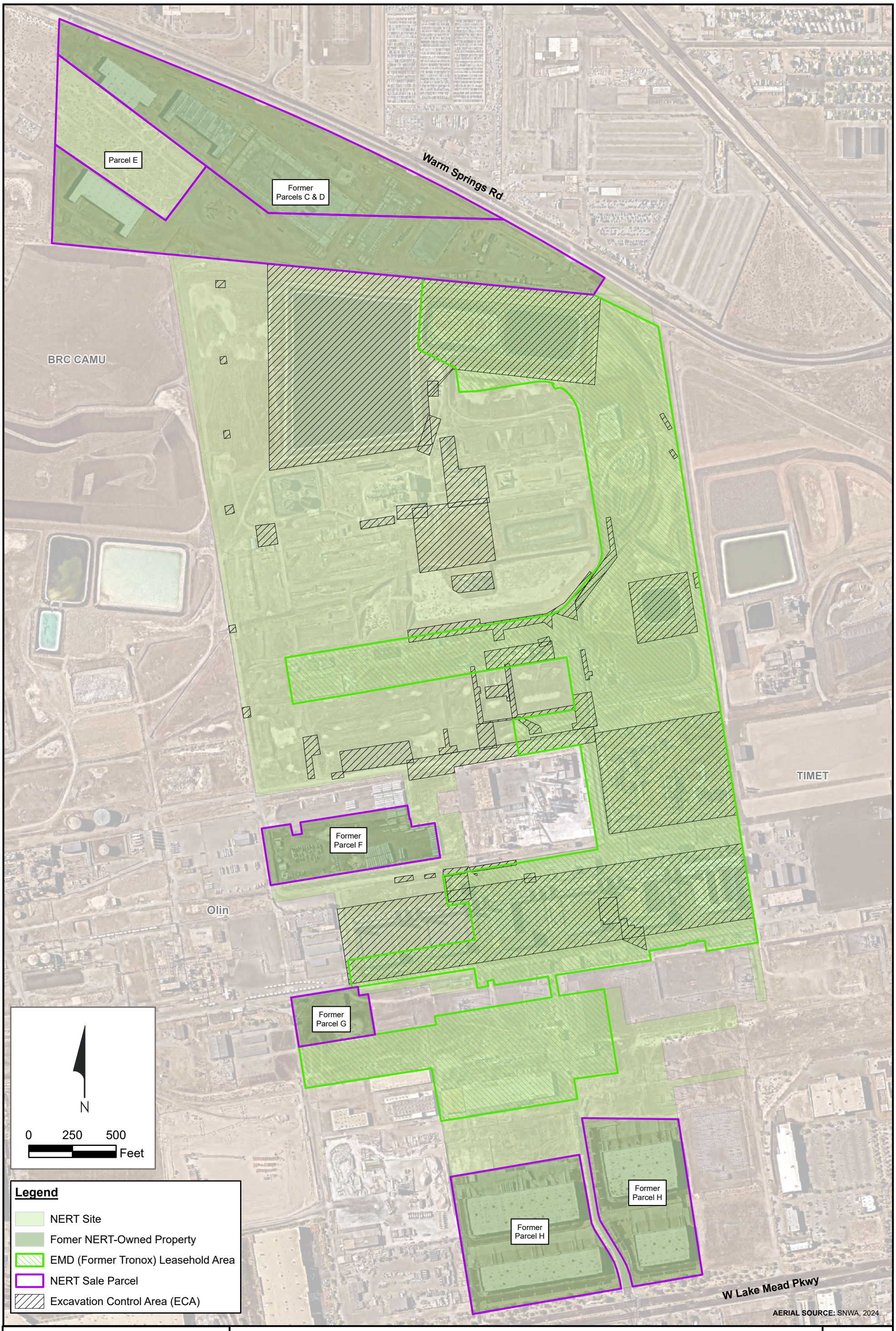
RAMBOLL

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

Figure
1-2

Drafter: JC | Date: 2025-09-26 | Contract Number: 1940112037 | Approved: | Revised:

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 1-2 RI Study Area Operable Units

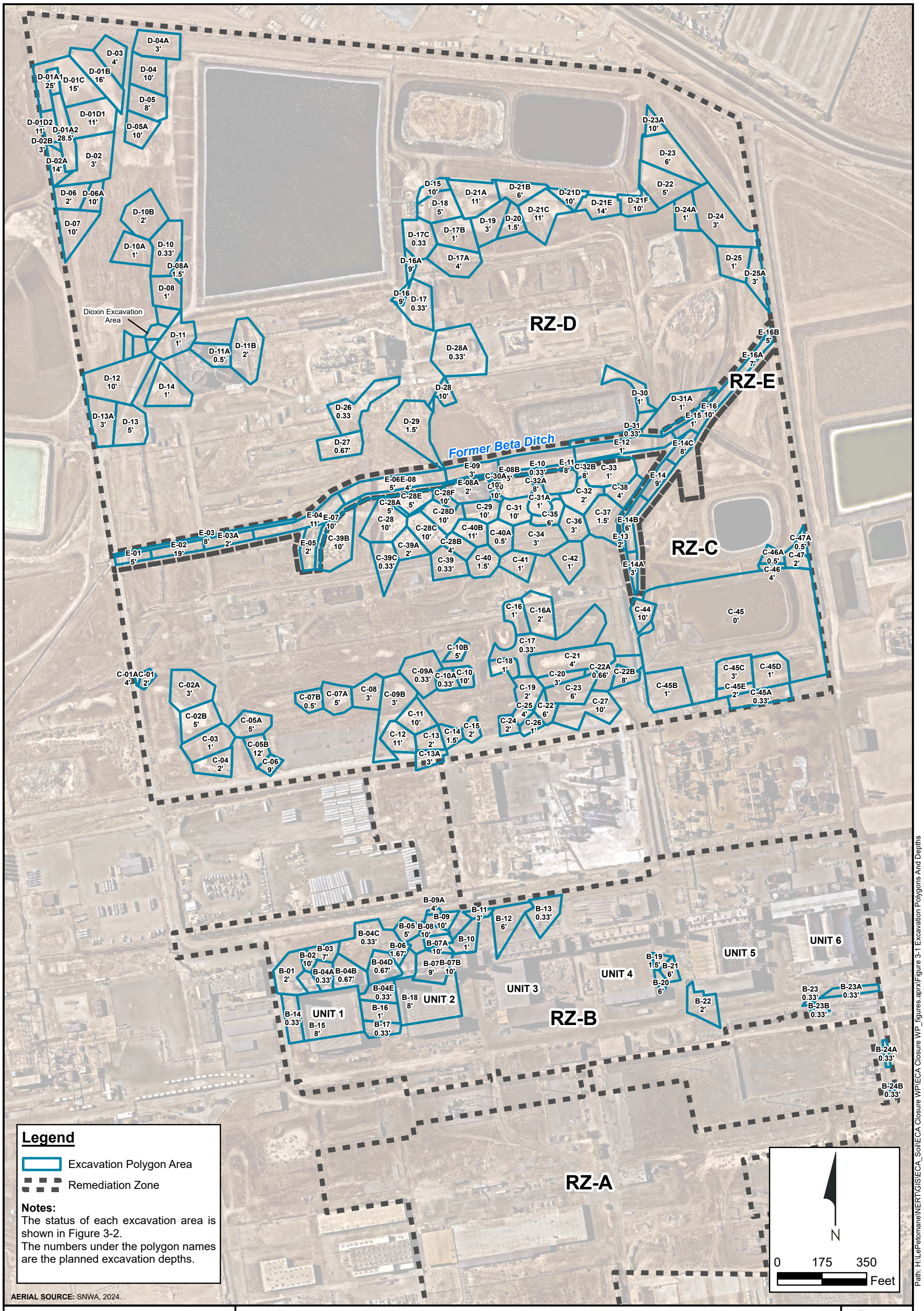


RAMBOLL

Excavation Control Areas
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
1-3

Drafter: RS/JC	Date: 2025-09-26	Contract Number: 1940112037	Approved by:	Revised:



Legend

- Excavation Polygon Area
- Remediation Zone

Notes:
The status of each excavation area is shown in Figure 3-2.
The numbers under the polygon names are the planned excavation depths.

AERIAL SOURCE: SNWA, 2024.

RAMBOLL

Excavation Polygons and Planned Excavation Depths

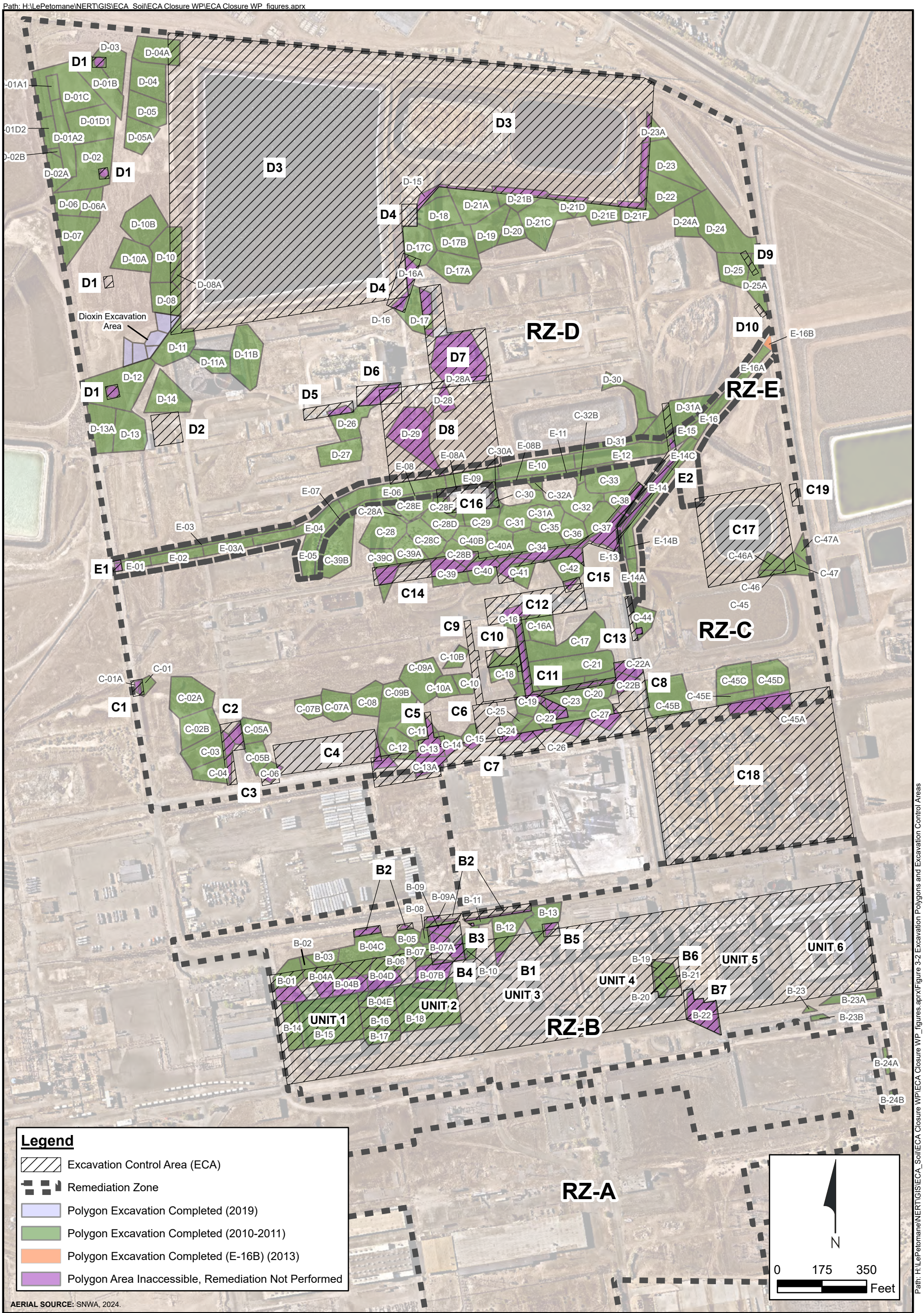
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure **3-1**

Drafter: JC	Date: 2025-09-26	Contract Number: 1940112037	Approved by:	Revised:

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 3-1 Excavation Polygons And Depths

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx



AERIAL SOURCE: SNWA, 2024.

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 3-2 Excavation Polygons and Excavation Control Areas

RAMBOLL

Excavation Polygon Status and Excavation Control Areas
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
3-2

Drafter: JC	Date: 2025-09-26	Contract Number: 1940112037	Approved by:	Revised:

ECA #	ECA Description
B1	Unit Buildings 1-6 Including Soil Within 50 feet of Unit Buildings 1-6
B2	Portions of Polygons RZ-B-04C/05/09A/11/12/13 Extending into Avenue G
B3	Fire Hydrant
B4	Former Hazardous Waste Storage Area
B5	Sodium Chlorate Filter Cake Process Area
B6	Soils Beneath Approximately 6 Feet Deep in Polygons RZ-B-20 and RZ-B-21
B7	Soils Within Polygon RZ-B-22

B2 B2 B2 B2 B2 B3 B4 B5 B6 B7 B1

B-01 2' B-02 10' B-03 7' B-04A 0.33' B-04B 0.67' B-04C 0.33' B-04D 0.67' B-04E 0.33' B-05 5' B-06 1.67' B-07 9' B-07B 10' B-08 10' B-09 10' B-10 1' B-11 3' B-12 6' B-13 0.33' B-14 0.33' B-15 8' B-16 1' B-17 0.33' B-18 8' B-19 1.5' B-20 6' B-21 6' B-22 2' B-23 0.33' B-23A 0.33' B-23B 0.33'

UNIT 1 UNIT 2 UNIT 3 UNIT 4 UNIT 5 UNIT 6

N

0 80 160 Feet

Legend

- Excavation Control Area (ECA) B1
- Other Excavation Control Area (ECA)
- Polygon Excavation Completed
- Polygon Area Inaccessible, Excavation Not Performed
- NERT SIte Boundary

Notes:

The numbers under the polygon names are the planned excavation depths.

Excavation polygons B-15 and B-18 refer to the basements of Unit Buildings 1 and 2, respectively. The basements were used for disposal of demolition materials that contained asbestos. The basement of Unit Building 1 was abated in August and September 2009, removing 15,587 tons of soil and debris. The basement of Unit Building 2 was abated in November and December 2010, removing 18,507 tons of soil and debris.

Aerial Imagery Source: SNWA 2024

RAMBOLL

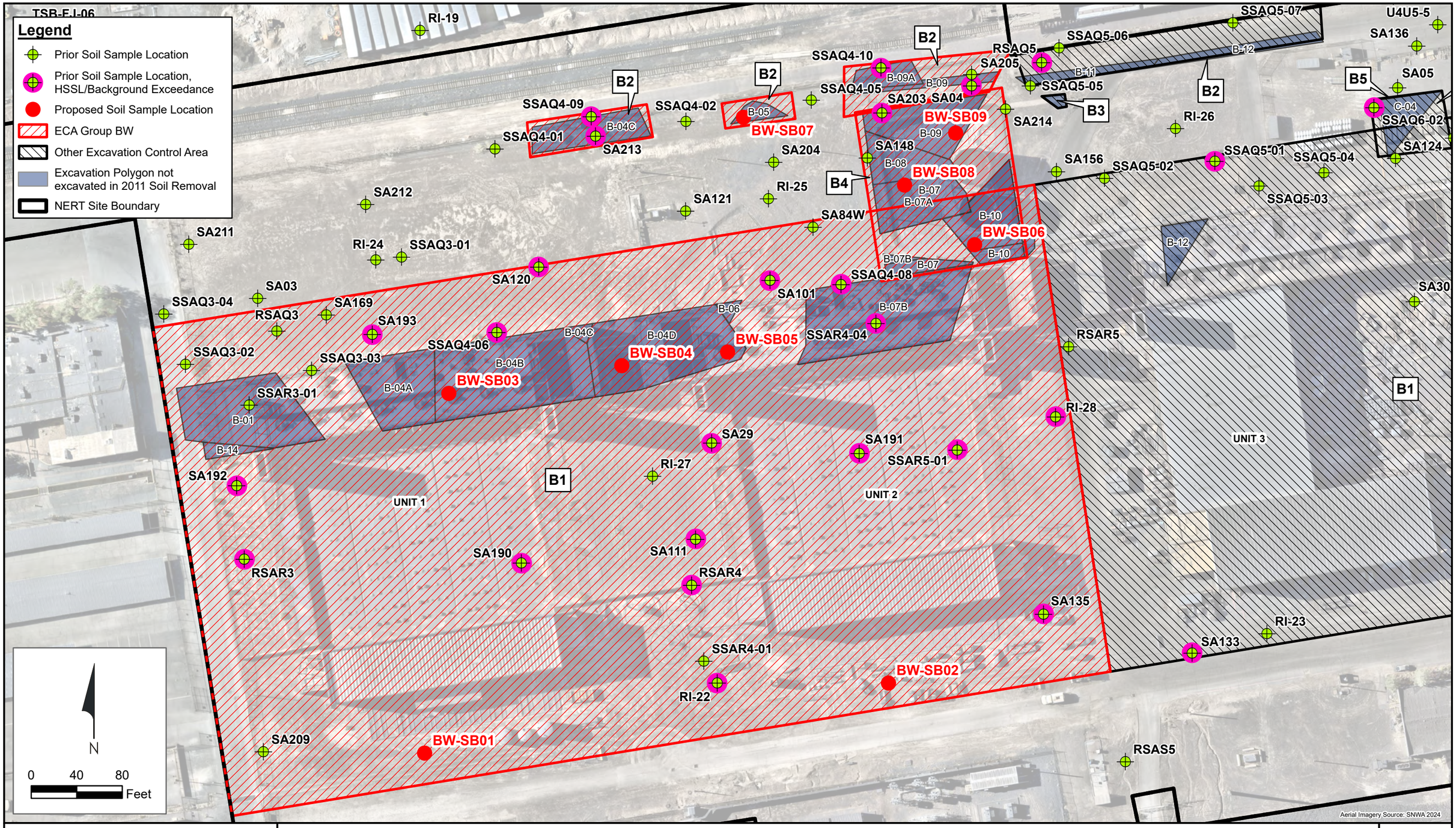
Excavation Control Areas and Excavation Polygons in RZ-B
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-1

Drafter: JC | Date: 2025-09-26 | Contract Number: 1940112037 | Approved: | Revised:

Last Saved By:

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-1



RAMBOLL

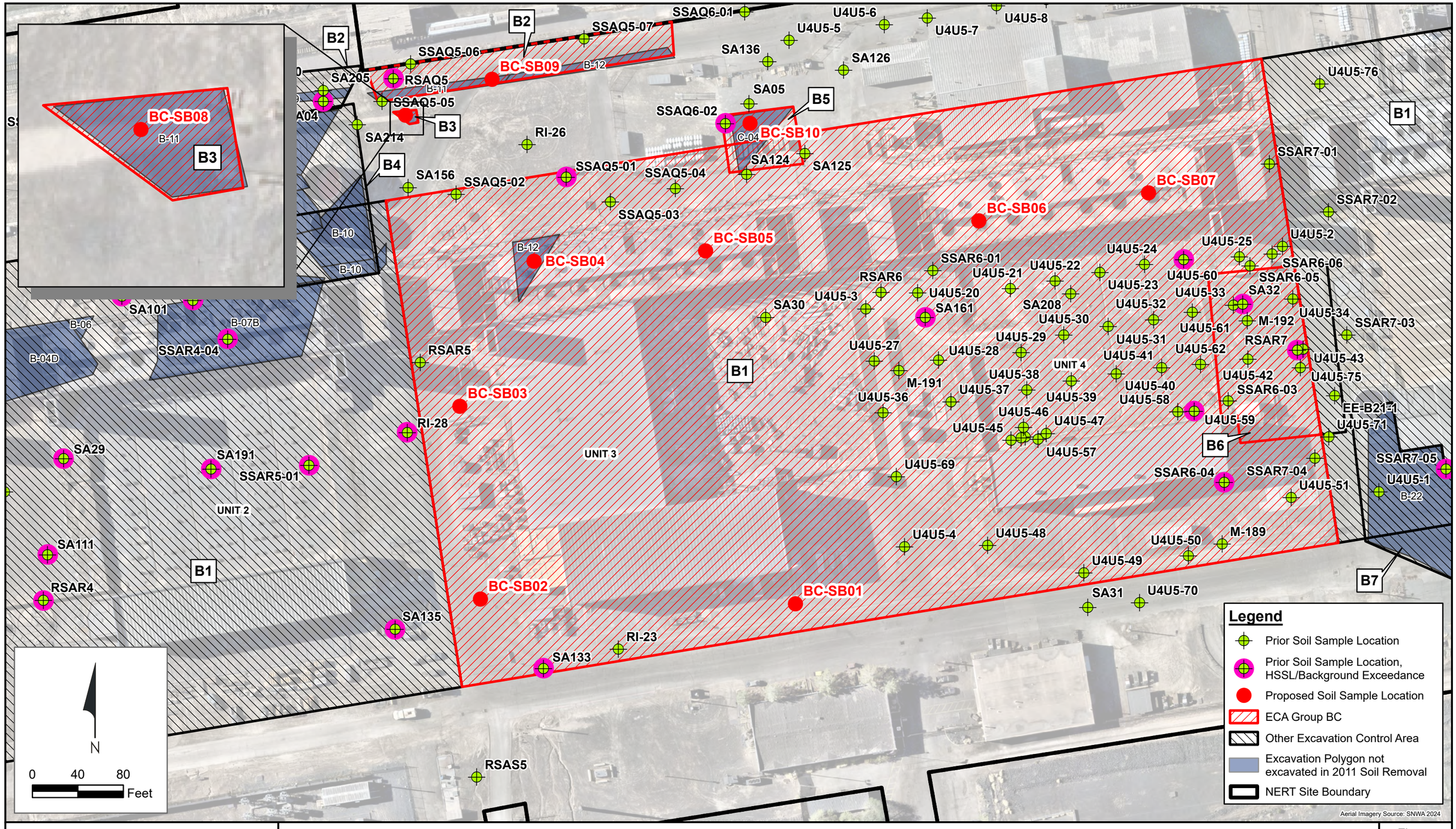
ECA Group BW
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-2

Drafter: JC | Date: 2025-09-26 | Contract Number: 1940112037 | Approved: | Revised:

Last Saved By:

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-2 ECA Group BW



RAMBOLL

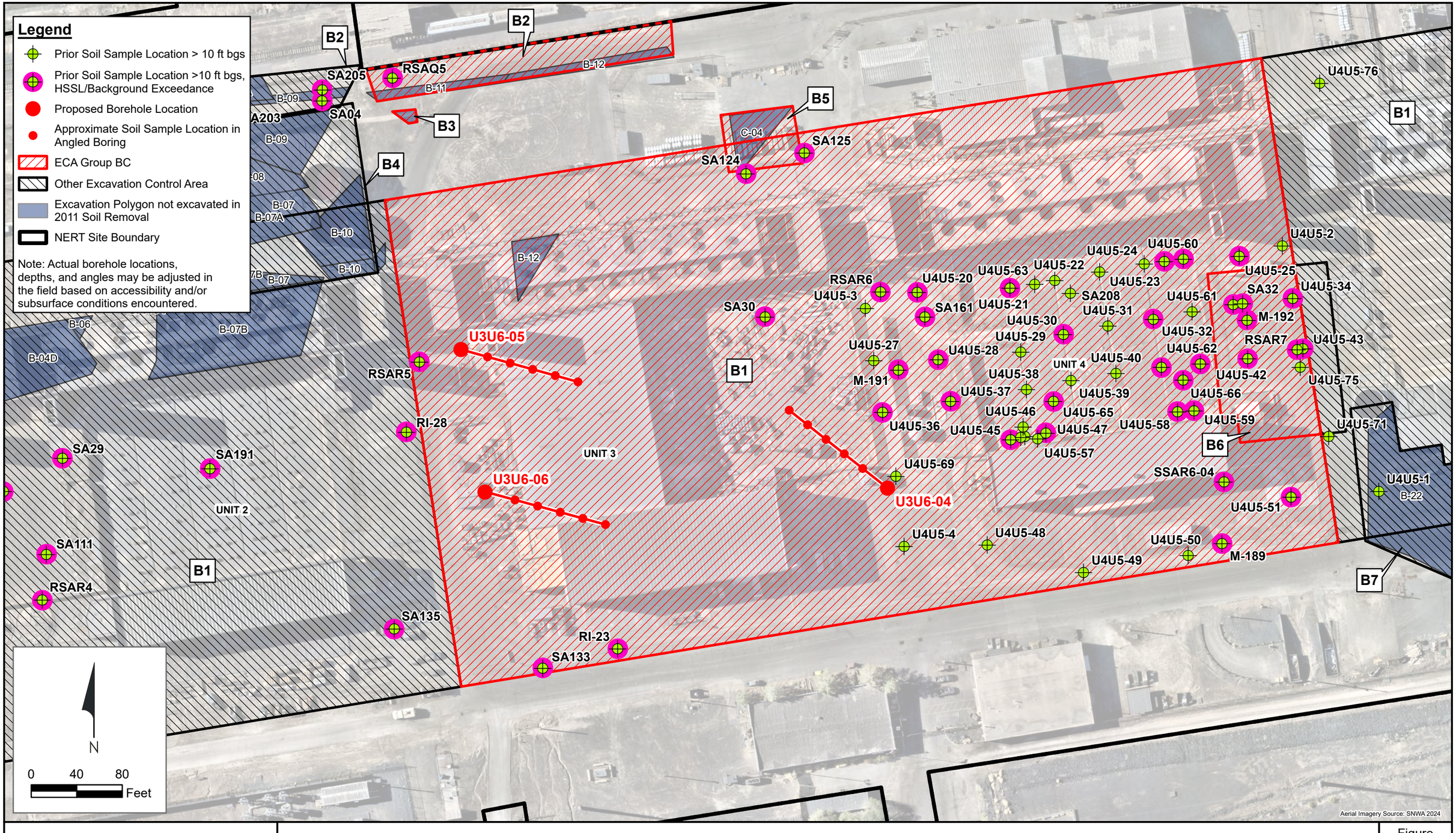
ECA Group BC
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-3a

Drafter: JC | Date: 2025-09-26 | Contract Number: 1940112037 | Approved: | Revised:

Last Saved By:

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-3a



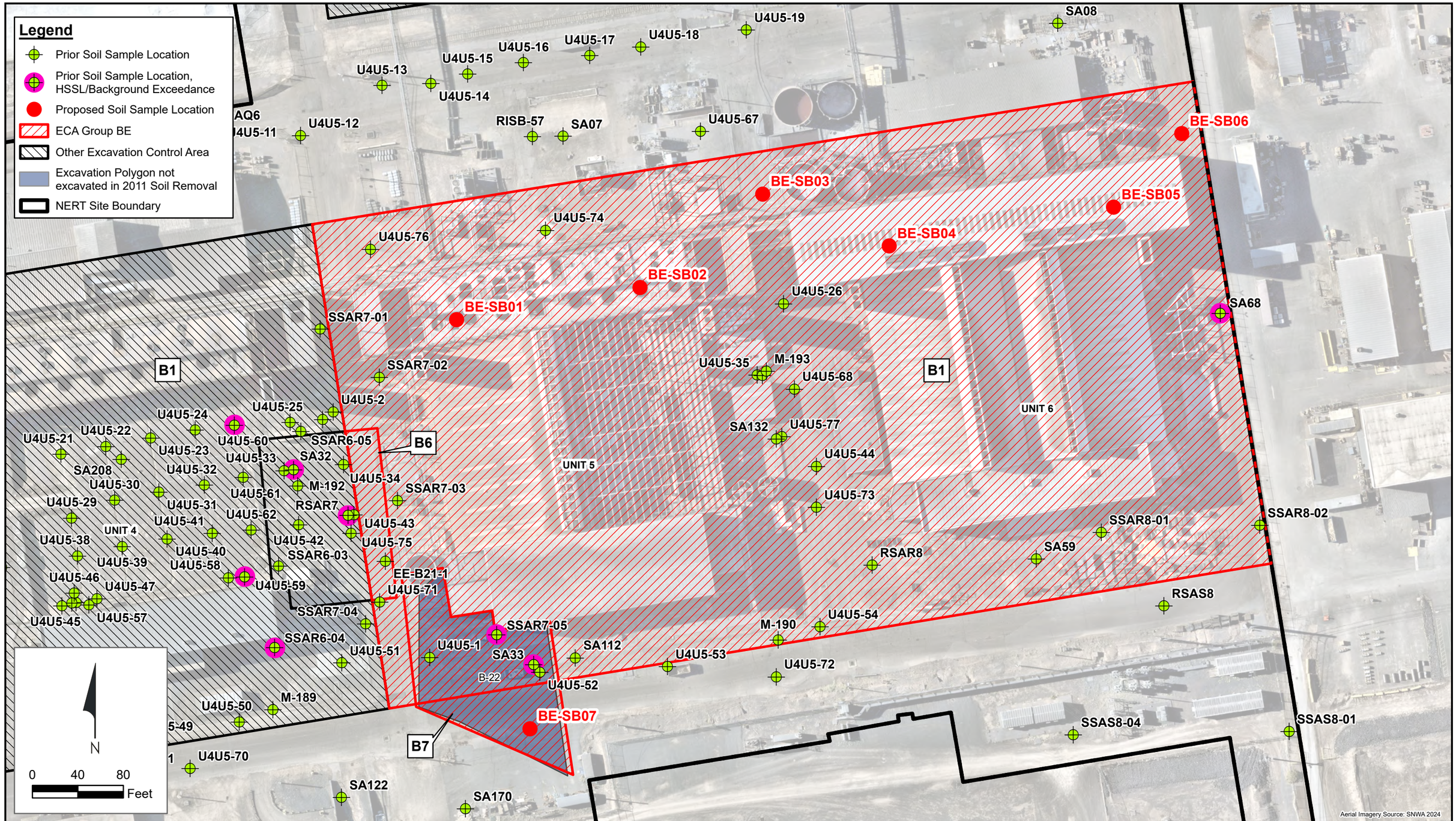
Unit Building 3 Sampling >10 Feet Below Ground Surface
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-3b

Drafter: JC	Date: 2025-09-30	Contract Number: 1940112037	Approved:	Revised:

Last Saved By:

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-3b Unit Building 3 Subsurface



RAMBOLL

ECA Group BE
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-4a

Drafter: JC	Date: 2025-09-26	Contract Number: 1940112037	Approved:	Revised:

Last Saved By:

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-4a ECA Group BE

Legend

- Prior Soil Sample Location >10 ft bgs
- Prior Soil Sample Location >10 ft bgs, HSSL/Background Exceedance
- Proposed Borehole Location
- Approximate Soil Sample Location in Angled Boring
- ECA Group BE
- Other Excavation Control Area
- Excavation Polygon not excavated in 2011 Soil Removal
- NERT SIte Boundary

Note: Actual borehole locations, depths, and angles may be adjusted in the field based on accessibility and/or subsurface conditions encountered.

U4U5-74
U4U5-76
U4U5-26
U3U6-02
SA68
M-193
U4U5-35
U4U5-68
B1
UNIT 6
U3U6-03
U4U5-2
U4U5-24
U4U5-60
U4U5-63
U4U5-22
U4U5-25
B6
U4U5-23
SA32
SA132
U4U5-77
U4U5-44
U4U5-21
SA208
U4U5-61
U4U5-31
U4U5-34
UNIT 5
U4U5-30
M-192
U4U5-29
U4U5-32
RSAR7
U4U5-43
U4U5-73
U3U6-01
U4U5-62
U4U5-40
UNIT 4
U4U5-38
U4U5-42
U4U5-75
U4U5-39
U4U5-66
RSAR8
SA59
U4U5-46
U4U5-65
U4U5-58
U4U5-59
U4U5-71
U4U5-47
U4U5-45
U4U5-57
U4U5-54
SSAR6-04
U4U5-1
SA33
SA112
U4U5-51
B-22
U4U5-52
U4U5-50
M-189
5-49
B7
N
0 40 80
Feet

Aerial Imagery Source: SNWA 2024

RAMBOLL

Unit Building 6 Sampling >10 Feet Below Ground Surface
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-4b

Drafter: JC | Date: 2025-09-30 | Contract Number: 1940112037 | Approved: | Revised:

Last Saved By:

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-4b Unit Building 6 Subsurface

ECA #	ECA Description
C1	Portions of RZ-C-01/01A Beneath 4th Street
C2	Portions of RZ-C-03/04/05A Beneath 5th Street
C3	Portions of RZ-C-06 Beneath Fire Hydrant, and Utilities along Avenue F
C4	Concrete Foundation
C5	Water, Fiber Optic, and Electric Utility Lines Through and Near RZ-C-11/13
C6	Discolored Soil at Former Pump House Yard
C7	Avenue F Utilities, Railroad line, and Roadway
C8	9th Street Utilities and Roadway
C9	Diesel Tank and Pipelines
C10	Areas with Discolored Soil
C11	Natural Gas Pipeline
C12	Steam Plant and Associated Features
C13	Steam Line
C14	Process Road
C15	Steam Plant Roadway
C16	BT Tank Area
C17	MN-1 Pond
C18	Leach Plant Equipment and Facilities
C19	Storm Water Conveyance Modification Discolored Soil

Legend

- Excavation Control Area (ECA)
- Polygon Excavation Completed
- Polygon Area Inaccessible, Excavation Not Performed
- NERT Site Boundary

Note:
The numbers under the polygon names are the planned excavation depths.

N

0 100 200 Feet

Aerial Imagery Source: SNWA 2024

RAMBOLL

Excavation Control Areas and Excavation Polygons in RZ-C
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-5

Drafter: JC | Date: 2025-09-26 | Contract Number: 1940112037 | Approved: | Revised:

Last Saved By:

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-5 Excavation Control Areas RZ-C

ECA #	ECA Description
E1	Portions of RZ-E-01 and RZ-E-03 Beneath 4th St
E2	EMD Process Water Lines

Legend

- Excavation Control Area (ECA)
- Polygon Excavation Completed (2019)
- Polygon Excavation Completed
- Polygon Area Inaccessible, Excavation Not Performed
- NERT SIte Boundary

Note:
The numbers under the polygon names are the planned excavation depths.

N

0 100 200 Feet

Aerial Imagery Source: SNWA 2024

RAMBOLL

Excavation Control Areas and Excavation Polygons in RZ-E
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-6

Drafter: JC | Date: 2025-09-26 | Contract Number: 1940112037 | Approved: | Revised:

Last Saved By:

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-6 Excavation Control Areas RZ-E

Legend

- Prior Soil Sample Location
- Prior Soil Sample Location, HSSL/Background Exceedance
- Proposed Soil Sample Location
- ECAs C1 and E1
- Excavation Polygon not excavated in 2011 Soil Removal
- NERT Site Boundary

E1
E-03
E-01
SSAM2-01
BDT-1-N-20
BDT-1-N-15
BDT-1-N-10
BDT-1-S-5
BDT-1-S-10
BDT-1-S-15
BDT-1-S-20
SA67
E1-SB02
E-03
E-01
E1-SB01
E1
Fourth Street
RSAN2
C1
C1-SB02
C-01A
SSAN2-03
SA56
C-05A
C1-SB01
SSAO2-01
SSAN2-01
SSAN2-02
EE-C01-1
C1
C-01A
SSAN2-03
CS-C01-2
SA56
C-05A
SSAO2-01
CS-C01-1
SA35
N
0 25 50
Feet
Aerial Imagery Source: SNWA 2024

Path: H:\LePetomaneNERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-7 ECAs C1 and E1

RAMBOLL

ECAs C1 and E1
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-7

Drafter: JC	Date: 2025-09-26	Contract Number: 1940112037	Approved:	Revised:

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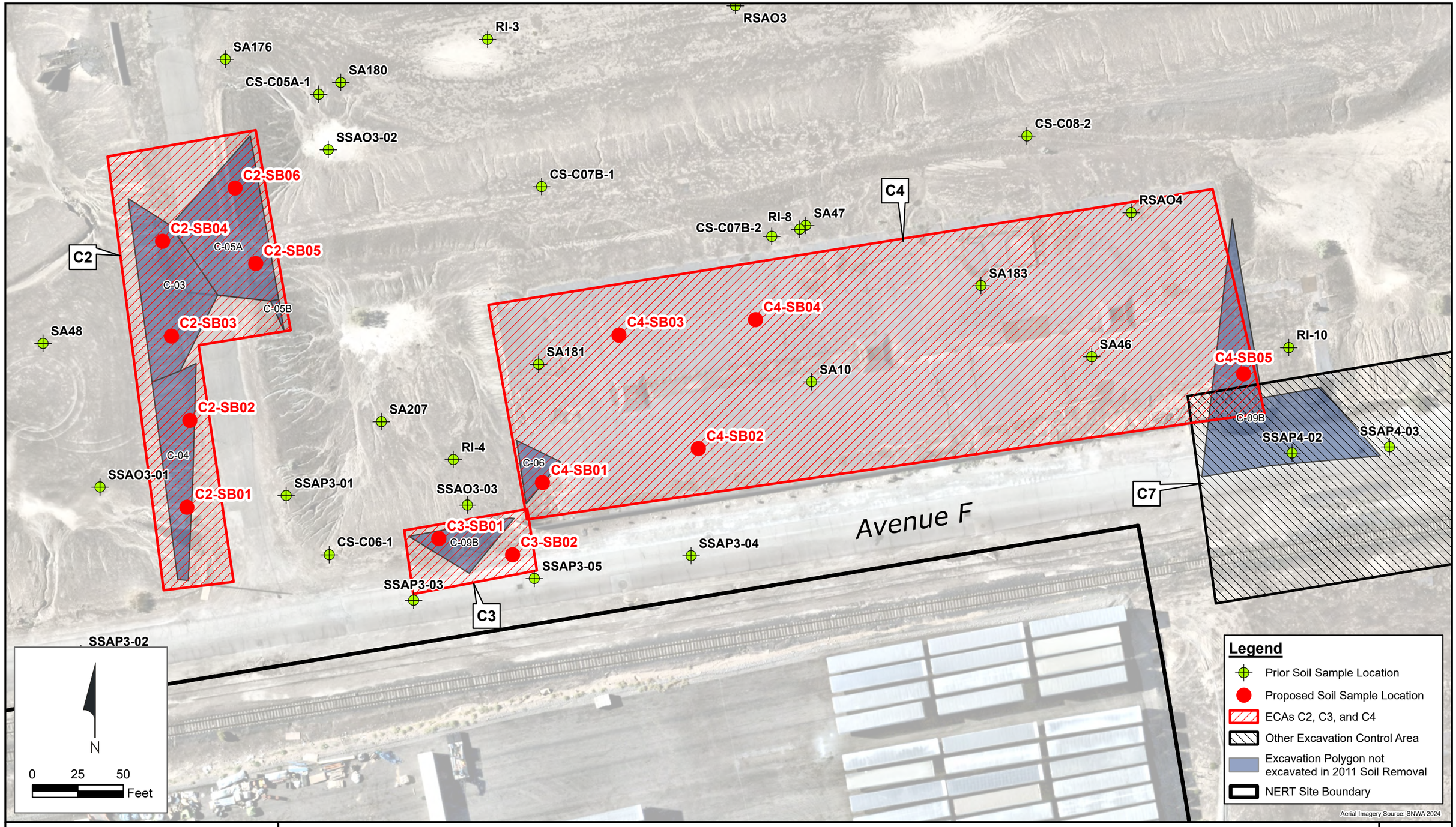

RAMBOLL

ECAs C2, C3, and C4
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-8

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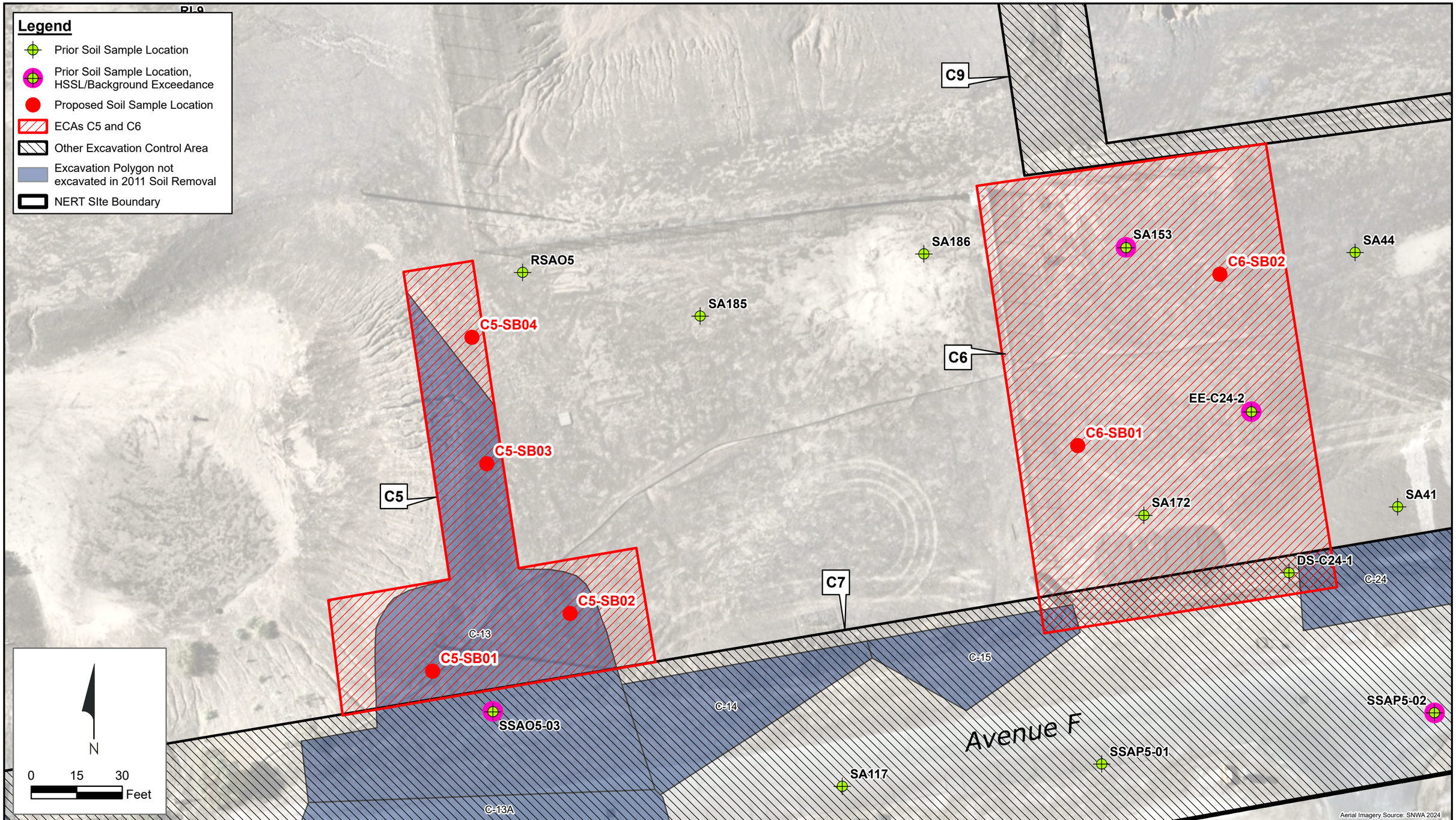
Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-8 ECAs C2, C3, and C4



RAMBOLL

ECAs C5 and C6
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-9

Drafter: JC | Date: 2025-09-26 | Contract Number: 1940112037 | Approved: | Revised:

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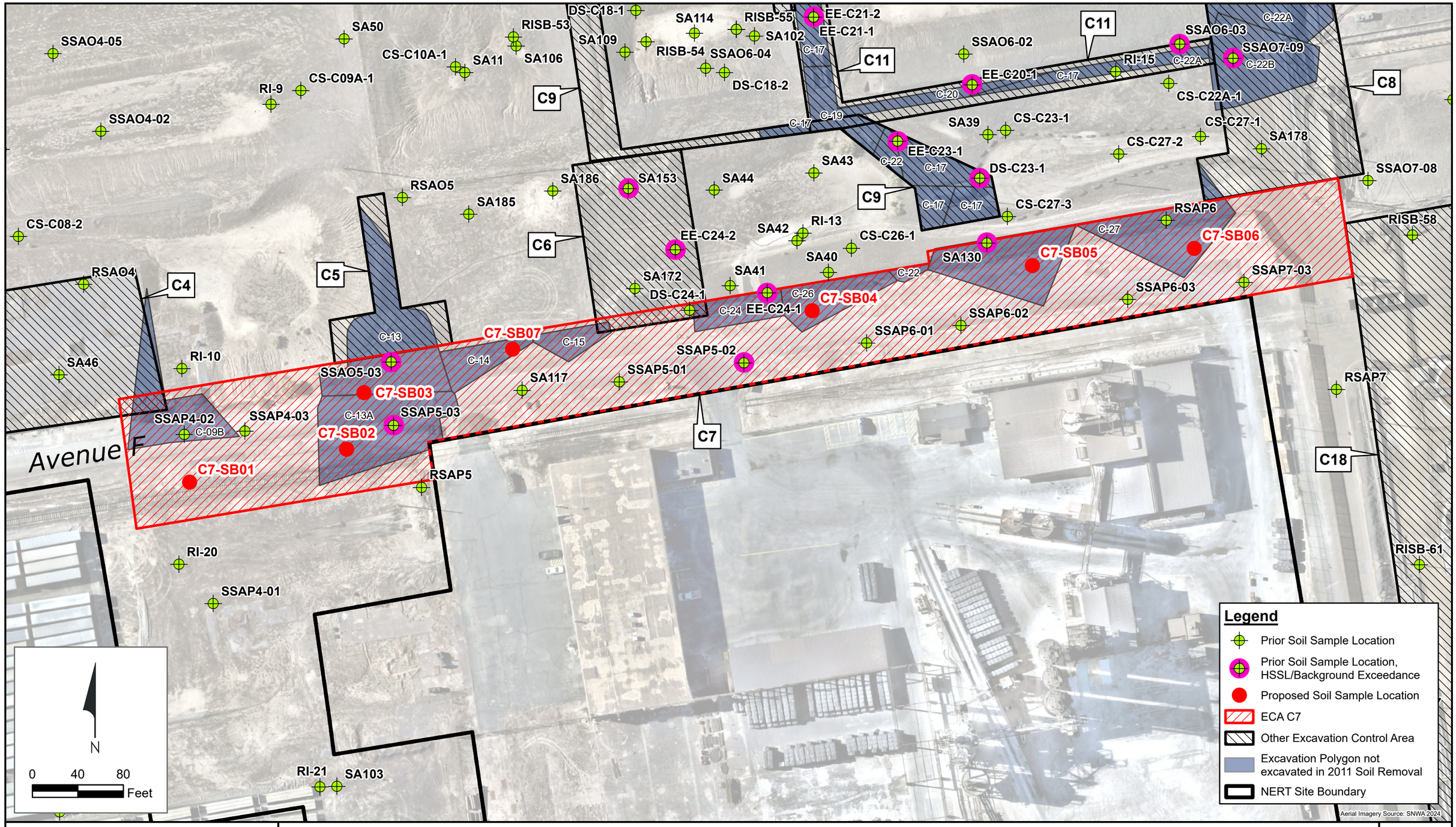
Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-9 ECA C5 and C6



RAMBOLL

ECA C7
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-10

Drafter: JC | Date: 2025-09-26 | Contract Number: 1940112037 | Approved: | Revised:

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Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-10 ECA C7

N

0 10 20
Feet

C8-SB06
SSAO7-03
SSAO7-06
C-22A
C8-SB05
C8-SB04
SSAO6-03
C-22A
SSAO7-09
C-22B
C8
C8-SB08
CS-C22A-1
C11
C8-SB03
C8-SB07
CS-C27-1
SA178
C8-SB02
SSAO7-08
C8-SB01
C7
RSAP6
C-27

Legend

- Prior Soil Sample Location
- Prior Soil Sample Location, HSSL/Background Exceedance
- Proposed Soil Sample Location
- ECA C8
- Other Excavation Control Area
- Excavation Polygon not excavated in 2011 Soil Removal

Aerial Imagery Source: SNWA 2024

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-11 ECA C8

RAMBOLL

ECA C8
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-11

Drafter: JC | Date: 2025-10-01 | Contract Number: 1940112037 | Approved: | Revised:

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N

0 25 50 Feet

C14
C15
C-42
SSAN6-03
RI-14
SSAN6-04
RI-11
C-16A
C-16
SSAN6-05
SSAN6-08
C12
SSAN6-06
SSAN5-04
C-17
SA12
SA53
SA200
C10
C11
SSAO5-02
C9-SB05
SSAO6-01
SSAO5-07
DS-C17-1
C-17
C9
EE-C18-1
DS-C18-1
EE-C21-1
EE-C21-2
RISB-55
SA114
SA102
RISB-53
SA106
RISB-54
RI-12
SA109
SSAO6-02
SSAO6-04
DS-C18-2
C-17
C-20
EE-C20-1
C9-SB04
C11
C-19
C9C11-SB01
C-17
C9-SB03
SA39
CS-C23-1
EE-C23-1
C-22
C9-SB02
C-17
SA43
DS-C23-1
SA186
SA153
SA44
C9
C-17
C-17
CS-C27-3
RI-13
SA42
C6
CS-C26-1
EE-C24-2
SA130
SA40
C-27
C-22
SA172
SA41
EE-C24-1
C-26
DS-C24-1
C-24
SSAP6-01
C-15
C-14
Avenue F
SSAP5-02
SSAP5-01
SA117
C7

Legend

- Prior Soil Sample Location
- Prior Soil Sample Location, HSSL/Background Exceedance
- Proposed Soil Sample Location
- ECA C9
- Other Excavation Control Area
- Excavation Polygon not excavated in 2011 Soil Removal
- NERT Site Boundary

Aerial Imagery Source: SNWA 2024

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-12 ECA C9

RAMBOLL

ECA C9
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-12

Drafter: JC | Date: 2025-09-26 | Contract Number: 1940112037 | Approved: | Revised:

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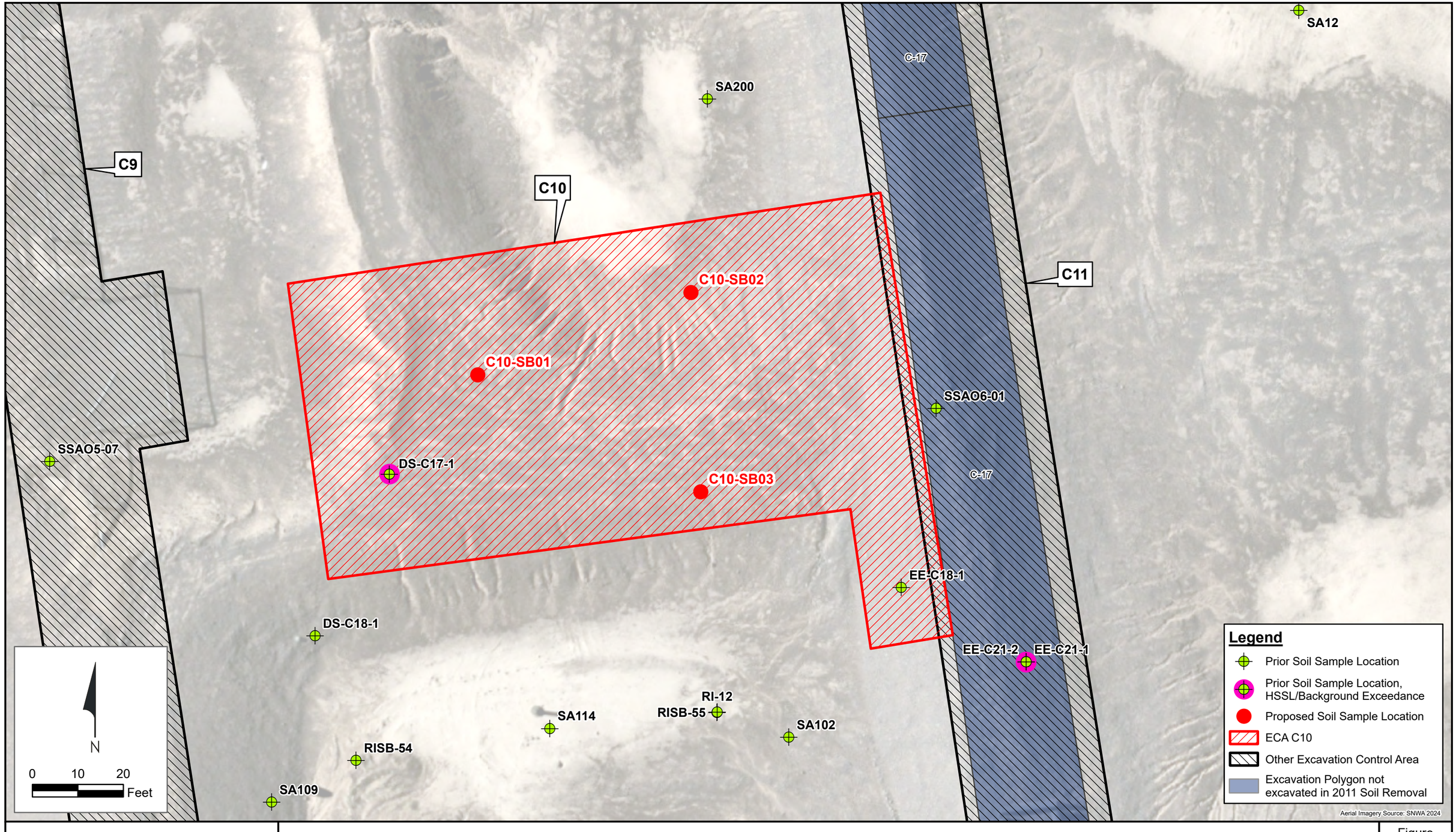


RAMBOLL

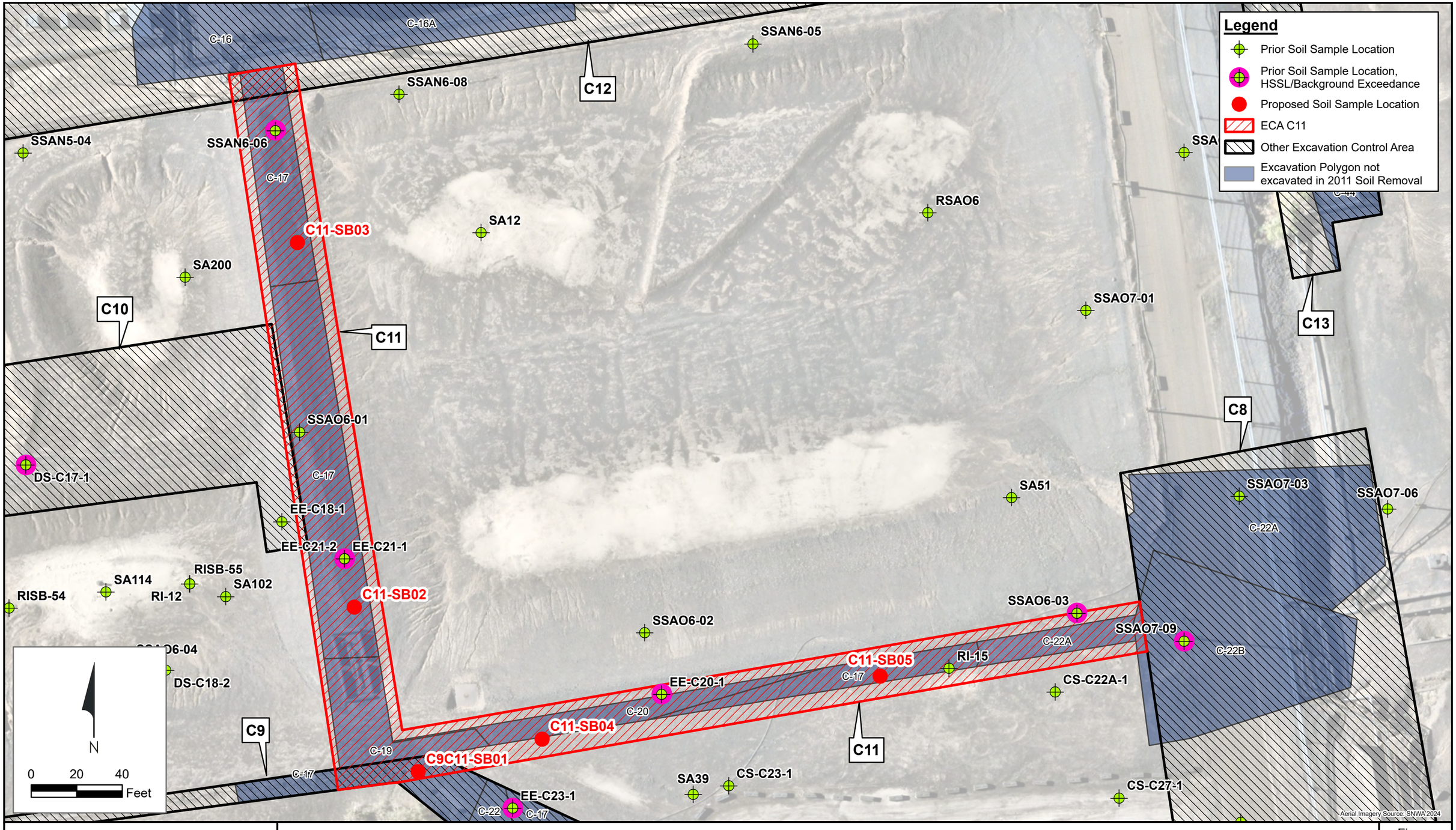
ECA C10
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-13

Drafter: JC	Date: 2025-09-26	Contract Number: 1940112037	Approved:	Revised:

Last Saved By:

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-13 ECA C10



RAMBOLL

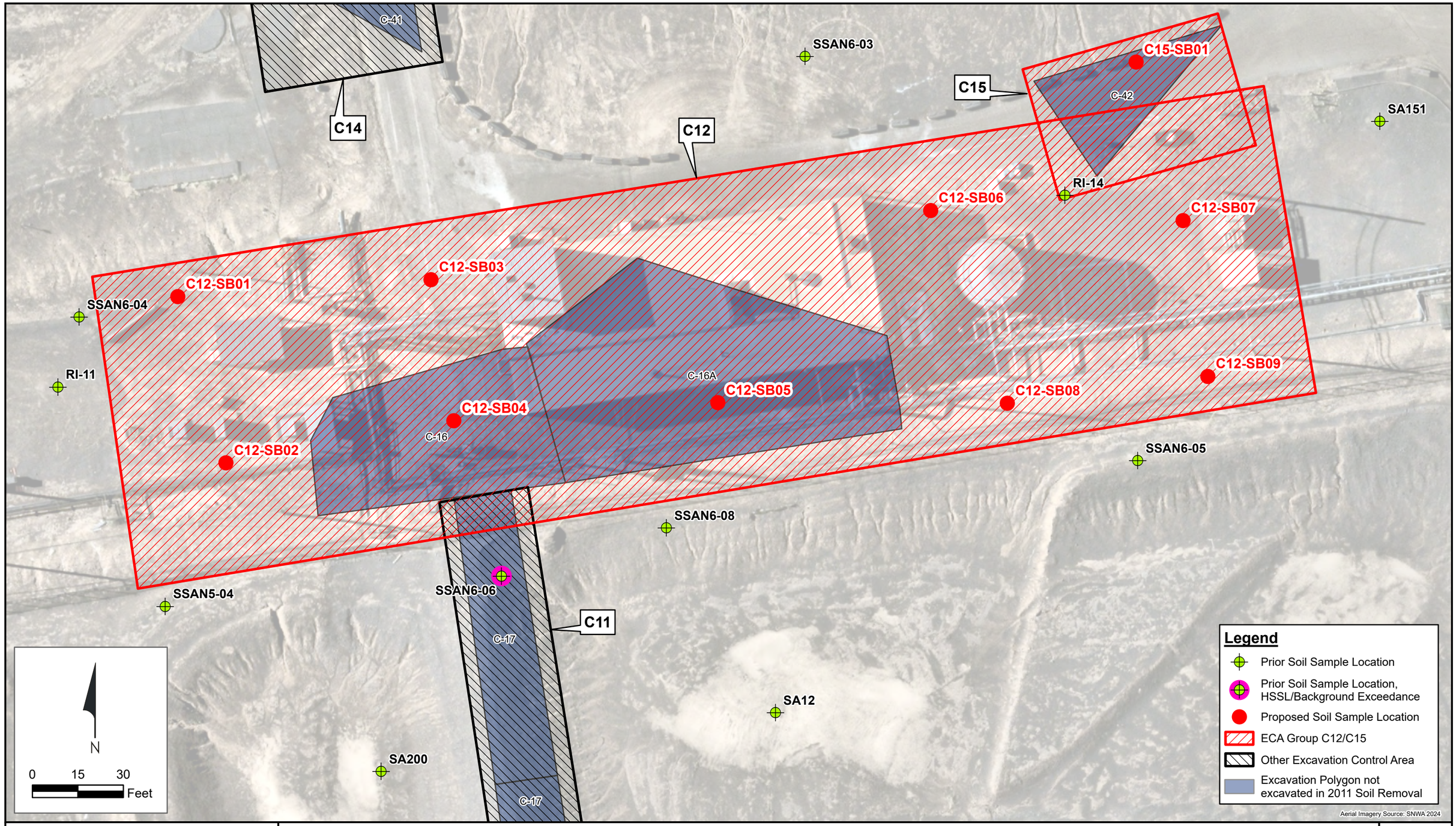
ECA C11
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-14

Drafter: JC | Date: 2025-09-26 | Contract Number: 1940112037 | Approved: | Revised:

Last Saved By:

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-14 ECA C11



RAMBOLL

ECA Group C12/C15
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-15

Drafter: JC | Date: 2025-09-29 | Contract Number: 1940112037 | Approved: | Revised:

Last Saved By:

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-15 ECA Group C12 C15

N

0 10 20
Feet

RI-17

SSAN7-01

SSAN7-06

EE-E14A-1

CS-C44-1

C13-SB01

SSAN7-03

C13-SB02

C-44

C13

SSAO7-02

C13-SB03

C-44

SSAO7-01

Legend

- Prior Soil Sample Location
- Prior Soil Sample Location, HSSL/Background Exceedance
- Proposed Soil Sample Location
- ECA C13
- Excavation Polygon not excavated in 2011 Soil Removal

Aerial Imagery Source: SNWA 2024

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-16 ECA C13

RAMBOLL

ECA C13
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-16

Drafter: JC | Date: 2025-09-26 | Contract Number: 1940112037 | Approved: | Revised:

Last Saved By:

N

0 50 100

Feet

SSAL5-03 SSAL6-02 SSAL5-07 SSAL5-05 SA167 D-28 SA72 SSAL5-04 SSAM5-01 D-29 RISB-05 RIDB-34 RIDB-36 RISB-04 RIDB-35 RISB-01 RISB-02 RISB-03 D8

RISB-17 RISB-16 SSAL7-03 RISB-18 RISB-15 RSAM6

SSAM7-01 RISB-09 RSAM7 E2-SB02 CS-D31A-1 SA144 SSAM7-08 SSAM7-02 E2 SA155 BDT-3-N-20 CS-E14C-1 E-12 BDT-3-N-5 EE-E14C-1 BDT-3-S-5 SA86 SSAM7-06 SSAM7-04 BDT-3-S-20 E-14C CS-E14C-2 SSAM7-07 E-14 DS-E14C-1 DS-E14C-2 SA62 EE-E14-1 SSAM7-03 SA92 E2-SB01 C17 C-38 RISB-37 CS-E14B-1 C14 E-14B SSAN7-02 SA158 RISB-36 E-13 E2 SA107 SSAN7-04 C-37 C14-SB03 RISB-35 RISB-34 RISB-33 C-36 SA154 RISB-31 C14-SB02 C-34 C-42 C-40A C14-SB04 C-41 C-40 C-28A C-28B C-28B C-39 SSAN5-02 SSAN5-03 SSAN5-05 SSAN4-01 C-39C C14-SB01 SA113 SA58 SA196 SA150 RSAN6 CS-C42-2 RSAN7 RISB-32 RISB-30 SA157 SSAN6-03 C15 C12 C-42 SA151 RI-17 RI-14 SSAN7-01 SSAN5-01 SSAN7-06 EE-E14A-1 SSAN6-04 SSAN7-03 CS-C44-1 RI-11 C-16A C-16 SSAN6-05 C13 SA87 RSAN5

SA70 BDT-2-N-20 SA129 BDT-2-N-5 SSAM5-03 SSAM5-04 SSAM6-02 E-08A C-30A E-08 EE-E08A-1 CS-C30-1 SSAM6-06 BDT-2-S-5 SSAM5-02 CS-E08A-1 C-28F C-30 SSAM5-05 SSAM6-05 C-28D C-29 SA94 SSAM4-02 SA104 RSAM5 C16

SA16 SA175 CS-E11-3 SA64 SA197 SA63 SSAM6-03 SSAM6-01 SA198 RI-16 SSAN6-07 SSAN6-01 SSAN6-02 SA105 SA60 SA65 SA15

SA179

Legend

- Prior Soil Sample Location
- Prior Soil Sample Location, HSSL/Background Exceedance
- Proposed Soil Sample Location
- ECA Group C14/E2
- Other Excavation Control Area
- Proposed Uncharacterized Area
- Excavation Polygon not excavated in 2011 Soil Removal

Aerial Imagery Source: SNWA 2024

RAMBOLL

ECA Group C14/E2
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-17

Drafter: JC | Date: 2025-09-26 | Contract Number: 1940112037 | Approved: | Revised:

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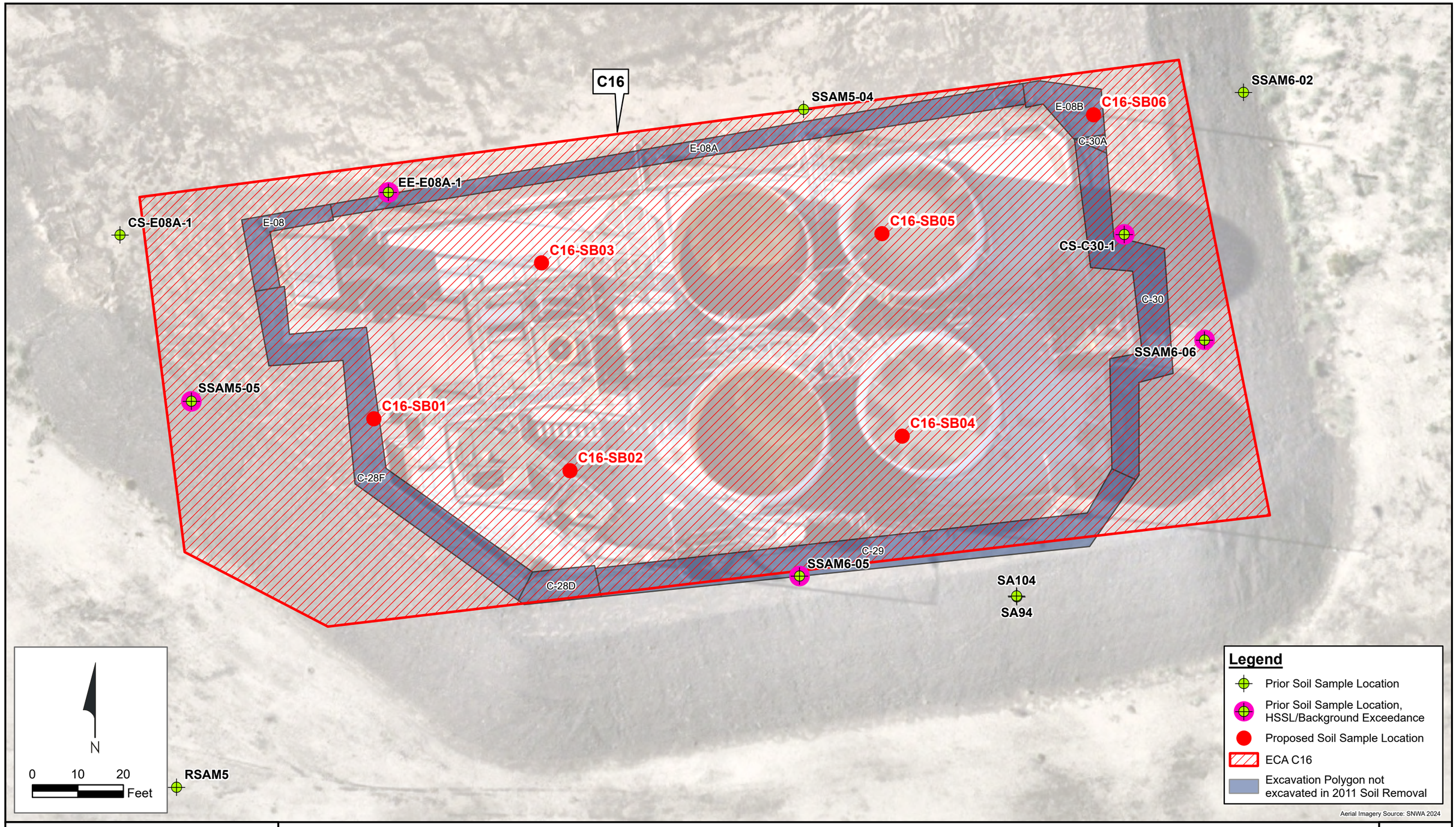
Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-17 ECA Group C14 E2



RAMBOLL

ECA C16
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-18

Drafter: JC | Date: 2025-09-29 | Contract Number: 1940112037-015 | Approved: | Revised:

Last Saved By:

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-18 ECA C16

N

0 25 50
Feet

SA145
SA62
C17
C19
C19-SB02
SA61
C17-SB05
C17-SB04
C19-SB01
C17-SB03
RSAN8
RISB-31
SSAN8-07
C17-SB06
SA160
C17-SB02
SSAN8-06
SSAN8-01
SSAN8-05
SA139
C17-SB01
SSAN8-04
SSAN8-03
SSAO8-10
SA143
SSAO8-14
SSAO8-07
SA142
SSAO8-13

Legend

- Prior Soil Sample Location
- Proposed Soil Sample Location
- ECA Group C17/C19
- Proposed Uncharacterized Area
- NERT Site Boundary

Aerial Imagery Source: SNWA 2024

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-19 ECA Group C17 C19

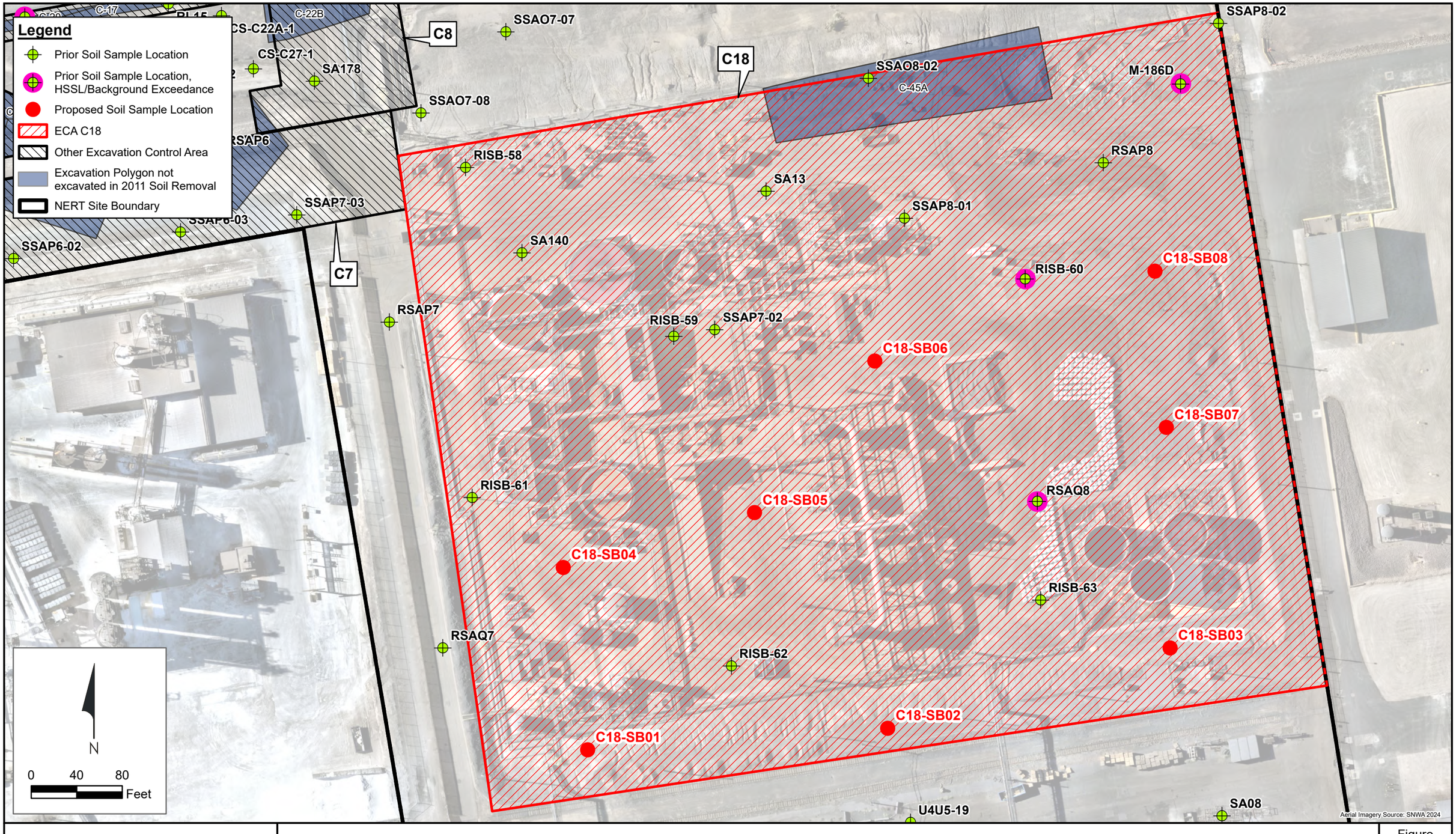
RAMBOLL

ECA Group C17/C19
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-19

Drafter: JC | Date: 2025-09-29 | Contract Number: 1940112037 | Approved: | Revised:

Last Saved By:



RAMBOLL

ECA C18
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-20

Drafter: JC	Date: 2025-09-26	Contract Number: 1940112037	Approved:	Revised:

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Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-20 ECA C18

ECA #	ECA Description
D1	NV Energy Transmission Line Towers
D2	Asphalt Pavement Area
D3	GW-11 and WC Ponds and Berms
D4	Groundwater Treatment System Equalization Tanks & Associated Piping
D5	Treatment Plant Chemical Storage Area
D6	Facility Roadway
D7	Asphalt Pavement, Office Trailers, Cr Treatment Plant, Quonset Hut, and Utilities
D8	AP-5 Pond and Associated Utilities
D9	Dioxin TEQ above site-specific screening criteria
D10	Groundwater Extraction Well and Related Piping

Legend

- Excavation Control Area (ECA)
- Polygon Excavation Completed (2019)
- Polygon Excavation Completed
- Polygon Area Inaccessible, Excavation Not Performed
- NERT SIte Boundary

Note:
The numbers under the polygon names are the planned excavation depths.

N

0 125 250 Feet

Aerial Imagery Source: SNWA 2024

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-21 Excavation Control Areas RZ-D

RAMBOLL

Excavation Control Areas and Excavation Polygons in RZ-D
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-21

Drafter: JC | Date: 2025-09-26 | Contract Number: 1940112037 | Approved: | Revised:

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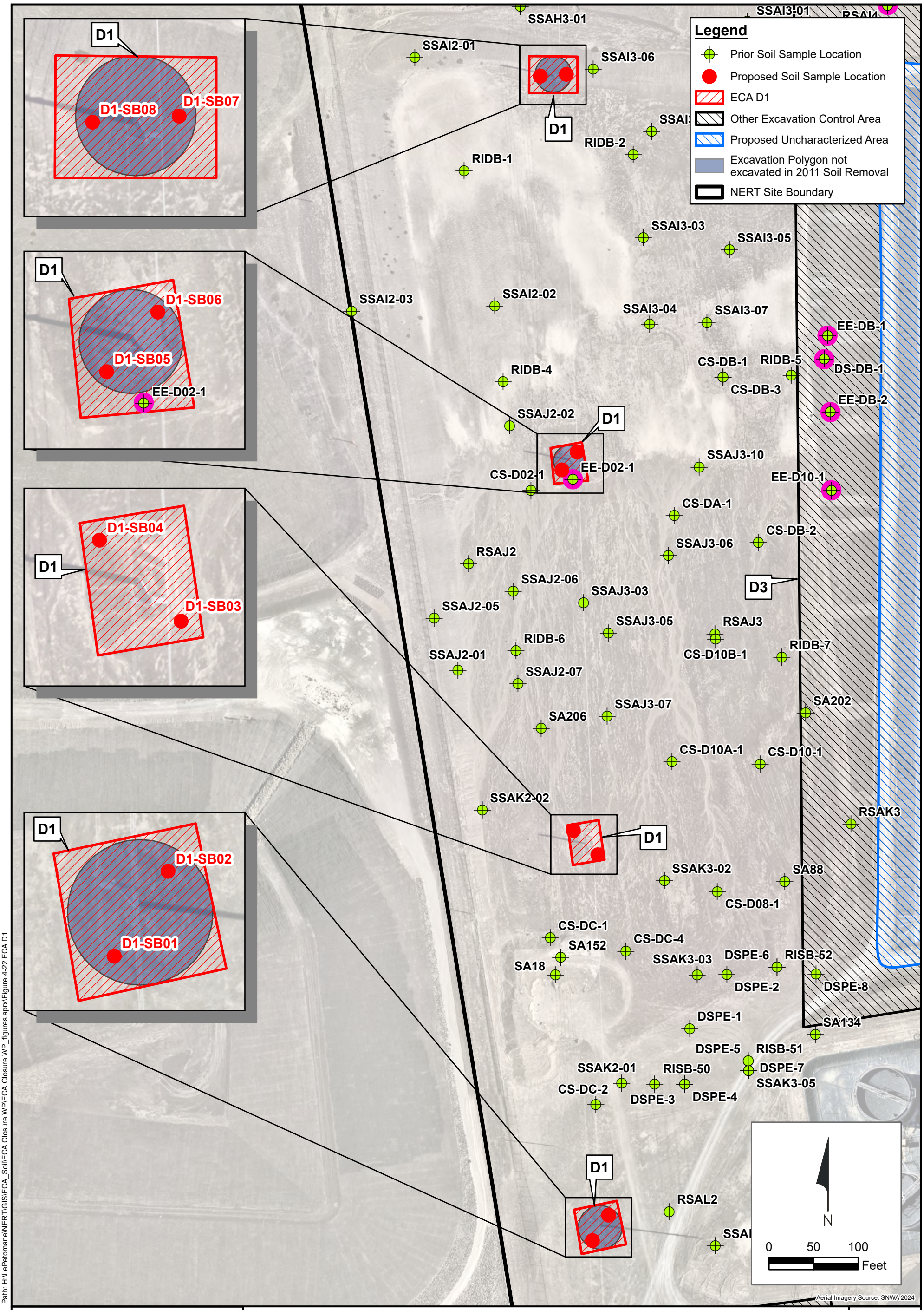

Path: H:\LePetomane\NERTGIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-22 ECA D1

RAMBOLL

ECA D1
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-22

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SSAL3-03

RSAL3

D2

D2-SB04

D2-SB03

SSAL3-05

D2-SB02

D2-SB01

SSAL3-01

Legend

- Prior Soil Sample Location
- Proposed Soil Sample Location
- ECA D2

N

0 10 20

Feet

Aerial Imagery Source: SNWA 2024

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-23 ECA D2

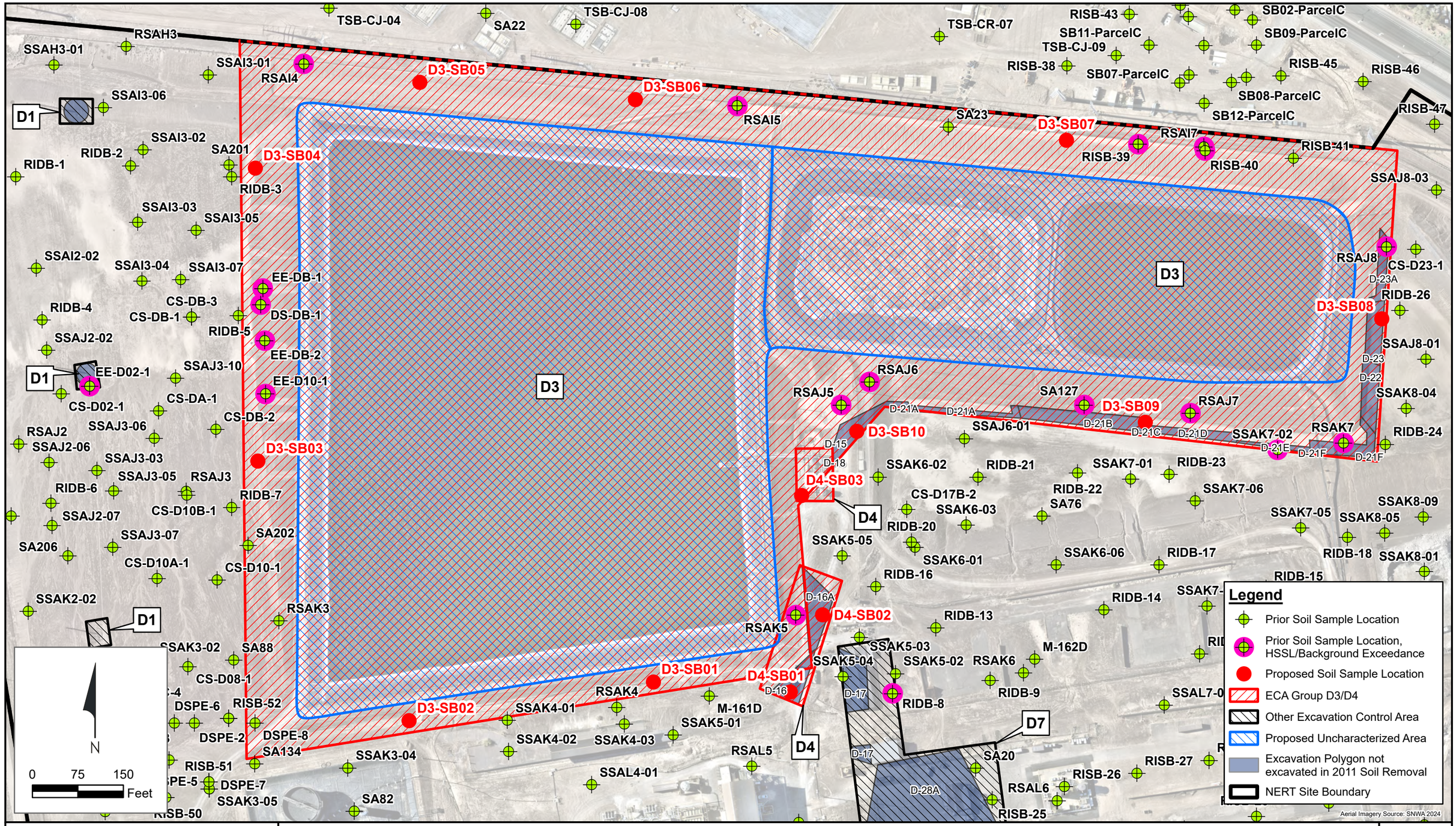
RAMBOLL

ECA D2
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-23

Drafter: JC | Date: 2025-09-26 | Contract Number: 1940112037 | Approved: | Revised:

Last Saved By:



RAMBOLL

ECA Group D3/D4
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-24

Drafter: JC	Date: 2025-09-26	Contract Number: 1940112037	Approved:	Revised:

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Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-24 ECA Group D3 D4

N

0 40 80

Feet

RIDB-20
SSAK6-01
SSAK5-05
RIDB-16
D-16A
RSAK5
RIDB-13
SSAK5-03
M-162D
SSAK5-04
SSAK5-02
RSAK6
RIDB-9
D-17
D-16
RIDB-8
D7-SB01
M-161D
RSAK4
SSAK4-03
D3
D4
SSAK5-01
D7-SB02
D-17
RSAL5
SA20
SSAL4-01
D7
RISB-25
D7-SB03
D-28A
SA74
D7-SB04
SSAL6-01
RISB-20
D6
SSAL5-02
SSAL5-07
SSAL4-02
SSAL5-01
D6-SB01
SA19
D-26
SSAL5-03
SA167
SSAL6-02
D5
SSAL5-05
D8-SB03
SA173
SSAL5-04
SA72
RISB-15
D5-SB02
SA179
D-28
D5-SB03
D-26
D5-SB01
SA123
SA189
SSAM5-01
RSAM6
SSAL4-03
RISB-05
RIDB-34
D8-SB02
D-29
D8
RISB-04
RIDB-36
RIDB-35
SSAM4-01
RISB-03
RISB-01
RISB-02
D8-SB01
SA70
SSAM4-03
BDT-2-N-20
SA129
SSAM5-04
SSAM6-02
BDT-2-N-5
SSAM5-03
E-08A
E-08B
C-30A
EE-E08A-1
E-08
BDT-2-S-5
CS-E08A-1
CS-C30-1
SSAM5-02
SSAM5-05
SSAM6-06
BDT-2-S-20
C-30
C-28F
SA104
C-29
C-28D
SSAM6-05
SA94
C16
SSAM4-02
RSAM5
SA65

Legend

- Prior Soil Sample Location
- Prior Soil Sample Location, HSSL/Background Exceedance
- Proposed Soil Sample Location
- ECA Group D5-D8
- Other Excavation Control Area
- Proposed Uncharacterized Area
- Excavation Polygon not excavated in 2011 Soil Removal

Aerial Imagery Source: SNWA 2024

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-25 ECA Group D5 to D8

RAMBOLL

ECA Group D5-D8
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-25

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N

0 10 20

Feet

D9-SB01

CS-D25A-1

D9

RSAK8

D9-SB02

CS-D25A-3

SSAL8-01

D10-SB01

EE-D25A-1

D10

D10-SB02

Legend

- Prior Soil Sample Location
- Prior Soil Sample Location, HSSL/Background Exceedance
- Proposed Soil Sample Location
- ECAs D9 and D10
- NERT Site Boundary

Aerial Imagery Source: SNWA 2024

Path: H:\LePetomane\NERT\GIS\ECA_Soil\ECA Closure WP\ECA Closure WP_figures.aprx\Figure 4-26 ECAs D9 and D10

RAMBOLL

ECAs D9 and D10
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
4-26

Drafter: JC | Date: 2025-09-26 | Contract Number: 1940112037 | Approved: | Revised:

Last Saved By:

APPENDIX A
ECA SOIL DATA SUMMARY

APPENDIX A: ECA SOIL DATA SUMMARY

TABLES

Tables A-1 **Soil Analytical Results, ECA Group BW**
Table A-1a ECA Group BW General Chemistry and Chromium (mg/kg)
Table A-1b ECA Group BW Other Metals (mg/kg)
Table A-1c ECA Group BW Radionuclides (pCi/g)
Table A-1d ECA Group BW VOCs (µg/kg)
Table A-1e ECA Group BW SVOCs (µg/kg)
Table A-1f ECA Group BW PAHs (µg/kg)
Table A-1g ECA Group BW PCBs (µg/kg)
Table A-1h ECA Group BW Dioxins-Furans (pg/g)
Table A-1i ECA Group BW Pesticides - OCPs (µg/kg)
Table A-1j ECA Group BW Pesticides - OPPs (µg/kg)
Table A-1k ECA Group BW Petroleum Indicators (mg/kg)
Table A-1l ECA Group BW Other Organics (µg/kg)
Table A-1m ECA Group BW Asbestos (s/samp)

Tables A-2 **Soil Analytical Results, ECA Group BC**
Table A-2a ECA Group BC General Chemistry and Chromium (mg/kg)
Table A-2b ECA Group BC Other Metals (mg/kg)
Table A-2c ECA Group BC Radionuclides (pCi/g)
Table A-2d ECA Group BC VOCs (µg/kg)
Table A-2e ECA Group BC SVOCs (µg/kg)
Table A-2f ECA Group BC PAHs (µg/kg)
Table A-2g ECA Group BC PCBs (µg/kg)
Table A-2h ECA Group BC Dioxins-Furans (pg/g)
Table A-2i ECA Group BC Pesticides - OCPs (µg/kg)
Table A-2j ECA Group BC Pesticides - OPPs (µg/kg)
Table A-2k ECA Group BC Petroleum Indicators (mg/kg)
Table A-2l ECA Group BC Asbestos (s/samp)

Tables A-3 **Soil Analytical Results, ECA Group BE**
Table A-3a ECA Group BE General Chemistry and Chromium (mg/kg)
Table A-3b ECA Group BE Other Metals (mg/kg)
Table A-3c ECA Group BE Radionuclides (pCi/g)
Table A-3d ECA Group BE VOCs (µg/kg)
Table A-3e ECA Group BE SVOCs (µg/kg)
Table A-3f ECA Group BE PAHs (µg/kg)
Table A-3g ECA Group BE PCBs (µg/kg)
Table A-3h ECA Group BE Dioxins-Furans (pg/g)
Table A-3i ECA Group BE Pesticides - OCPs (µg/kg)
Table A-3j ECA Group BE Pesticides - OPPs (µg/kg)
Table A-3k ECA Group BE Petroleum Indicators (mg/kg)
Table A-3l ECA Group BE Asbestos (s/samp)

Tables A-4 **Soil Analytical Results, ECA C1**
Table A-4a ECA C1 General Chemistry and Chromium (mg/kg)
Table A-4b ECA C1 Other Metals (mg/kg)
Table A-4c ECA C1 Radionuclides (pCi/g)
Table A-4d ECA C1 VOCs (µg/kg)
Table A-4e ECA C1 SVOCs (µg/kg)
Table A-4f ECA C1 PCBs (µg/kg)
Table A-4g ECA C1 Dioxins-Furans (pg/g)
Table A-4h ECA C1 Petroleum Indicators (mg/kg)

Tables A-5 **Soil Analytical Results, ECA C4**
Table A-5a ECA C4 General Chemistry and Chromium (mg/kg)
Table A-5b ECA C4 Other Metals (mg/kg)
Table A-5c ECA C4 Radionuclides (pCi/g)
Table A-5d ECA C4 VOCs (µg/kg)
Table A-5e ECA C4 SVOCs (µg/kg)
Table A-5f ECA C4 PCBs (µg/kg)
Table A-5g ECA C4 Dioxins-Furans (pg/g)
Table A-5h ECA C4 Pesticides - OCPs (µg/kg)
Table A-5i ECA C4 Pesticides - OPPs (µg/kg)
Table A-5j ECA C4 Petroleum Indicators (mg/kg)
Table A-5k ECA C4 Asbestos (s/samp)

Tables A-6 **Soil Analytical Results, ECA C6**
Table A-6a ECA C6 General Chemistry and Chromium (mg/kg)
Table A-6b ECA C6 Other Metals (mg/kg)
Table A-6c ECA C6 Radionuclides (pCi/g)
Table A-6d ECA C6 VOCs (µg/kg)
Table A-6e ECA C6 SVOCs (µg/kg)
Table A-6f ECA C6 PAHs (µg/kg)
Table A-6g ECA C6 Dioxins-Furans (pg/g)
Table A-6h ECA C6 Petroleum Indicators (mg/kg)
Table A-6i ECA C6 Asbestos (s/samp)

Tables A-7 **Soil Analytical Results, ECA C7**
Table A-7a ECA C7 General Chemistry and Chromium (mg/kg)
Table A-7b ECA C7 Other Metals (mg/kg)
Table A-7c ECA C7 Radionuclides (pCi/g)
Table A-7d ECA C7 VOCs (µg/kg)
Table A-7e ECA C7 SVOCs (µg/kg)
Table A-7f ECA C7 PAHs (µg/kg)
Table A-7g ECA C7 Dioxins-Furans (pg/g)
Table A-7h ECA C7 Pesticides - OCPs (µg/kg)
Table A-7i ECA C7 Pesticides - OPPs (µg/kg)
Table A-7j ECA C7 Petroleum Indicators (mg/kg)
Table A-7k ECA C7 Other Organics (µg/kg)
Table A-7l ECA C7 Asbestos (s/samp)

Tables A-8 **Soil Analytical Results, ECA C8**
Table A-8a ECA C8 General Chemistry and Chromium (mg/kg)
Table A-8b ECA C8 Other Metals (mg/kg)
Table A-8c ECA C8 Radionuclides (pCi/g)
Table A-8d ECA C8 VOCs (µg/kg)
Table A-8e ECA C8 SVOCs (µg/kg)
Table A-8f ECA C8 Dioxins-Furans (pg/g)
Table A-8g ECA C8 Petroleum Indicators (mg/kg)
Table A-8h ECA C8 Asbestos (s/samp)

Tables A-9 **Soil Analytical Results, ECA C9**
Table A-9a ECA C9 General Chemistry and Chromium (mg/kg)
Table A-9b ECA C9 Other Metals (mg/kg)
Table A-9c ECA C9 Radionuclides (pCi/g)
Table A-9d ECA C9 VOCs (µg/kg)
Table A-9e ECA C9 SVOCs (µg/kg)
Table A-9f ECA C9 PAHs (µg/kg)
Table A-9g ECA C9 Dioxins-Furans (pg/g)
Table A-9h ECA C9 Petroleum Indicators (mg/kg)
Table A-9i ECA C9 Asbestos (s/samp)

Tables A-10 **Soil Analytical Results, ECA C10**
Table A-10a ECA C10 General Chemistry and Chromium (mg/kg)
Table A-10b ECA C10 Other Metals (mg/kg)
Table A-10c ECA C10 SVOCs (µg/kg)
Table A-10d ECA C10 PAHs (µg/kg)
Table A-10e ECA C10 Dioxins-Furans (pg/g)

Tables A-11 **Soil Analytical Results, ECA C11**
Table A-11a ECA C11 General Chemistry and Chromium (mg/kg)
Table A-11b ECA C11 Other Metals (mg/kg)
Table A-11c ECA C11 Radionuclides (pCi/g)
Table A-11d ECA C11 SVOCs (µg/kg)
Table A-11e ECA C11 PAHs (µg/kg)
Table A-11f ECA C11 PCBs (µg/kg)
Table A-11g ECA C11 Dioxins-Furans (pg/g)
Table A-11h ECA C11 Pesticides - OCPs (µg/kg)
Table A-11i ECA C11 Asbestos (s/samp)

Tables A-12 **Soil Analytical Results, ECA Group C12/C15**
Table A-12a ECA Group C12/C15 General Chemistry and Chromium (mg/kg)
Table A-12b ECA Group C12/C15 Other Metals (mg/kg)
Table A-12c ECA Group C12/C15 Radionuclides (pCi/g)
Table A-12d ECA Group C12/C15 VOCs (µg/kg)
Table A-12e ECA Group C12/C15 SVOCs (µg/kg)
Table A-12f ECA Group C12/C15 PAHs (µg/kg)
Table A-12g ECA Group C12/C15 PCBs (µg/kg)
Table A-12h ECA Group C12/C15 Dioxins-Furans (pg/g)
Table A-12i ECA Group C12/C15 Pesticides - OCPs (µg/kg)

Tables A-13 **Soil Analytical Results, ECA C13**
Table A-13a ECA C13 Other Metals (mg/kg)
Table A-13b ECA C13 VOCs (µg/kg)
Table A-13c ECA C13 SVOCs (µg/kg)
Table A-13d ECA C13 Dioxins-Furans (pg/g)

Tables A-14 **Soil Analytical Results, ECA Group C14/E2**
Table A-14a ECA Group C14/E2 General Chemistry and Chromium (mg/kg)
Table A-14b ECA Group C14/E2 Other Metals (mg/kg)
Table A-14c ECA Group C14/E2 Radionuclides (pCi/g)
Table A-14d ECA Group C14/E2 VOCs (µg/kg)
Table A-14e ECA Group C14/E2 SVOCs (µg/kg)
Table A-14f ECA Group C14/E2 PCBs (µg/kg)
Table A-14g ECA Group C14/E2 Dioxins-Furans (pg/g)
Table A-14h ECA Group C14/E2 Pesticides - OCPs (µg/kg)
Table A-14i ECA Group C14/E2 Pesticides - OPPs (µg/kg)
Table A-14j ECA Group C14/E2 Petroleum Indicators (mg/kg)
Table A-14k ECA Group C14/E2 Other Organics (µg/kg)
Table A-14l ECA Group C14/E2 Asbestos (s/samp)

Tables A-15 **Soil Analytical Results, ECA C16**
Table A-15a ECA C16 General Chemistry and Chromium (mg/kg)
Table A-15b ECA C16 Other Metals (mg/kg)
Table A-15c ECA C16 Dioxins-Furans (pg/g)
Table A-15d ECA C16 Pesticides - OCPs (µg/kg)
Table A-15e ECA C16 Asbestos (s/samp)

Tables A-16 **Soil Analytical Results, ECA Group C17/C19**
Table A-16a ECA Group C17/C19 General Chemistry and Chromium (mg/kg)
Table A-16b ECA Group C17/C19 Other Metals (mg/kg)
Table A-16c ECA Group C17/C19 Radionuclides (pCi/g)
Table A-16d ECA Group C17/C19 VOCs (µg/kg)
Table A-16e ECA Group C17/C19 SVOCs (µg/kg)
Table A-16f ECA Group C17/C19 Dioxins-Furans (pg/g)
Table A-16g ECA Group C17/C19 Pesticides - OCPs (µg/kg)
Table A-16h ECA Group C17/C19 Petroleum Indicators (mg/kg)
Table A-16i ECA Group C17/C19 Asbestos (s/samp)

Tables A-17 **Soil Analytical Results, ECA C18**
Table A-17a ECA C18 General Chemistry and Chromium (mg/kg)
Table A-17b ECA C18 Other Metals (mg/kg)
Table A-17c ECA C18 Radionuclides (pCi/g)
Table A-17d ECA C18 VOCs (µg/kg)
Table A-17e ECA C18 SVOCs (µg/kg)
Table A-17f ECA C18 PAHs (µg/kg)
Table A-17g ECA C18 PCBs (µg/kg)
Table A-17h ECA C18 Dioxins-Furans (pg/g)
Table A-17i ECA C18 Pesticides - OCPs (µg/kg)
Table A-17j ECA C18 Pesticides - OPPs (µg/kg)
Table A-17k ECA C18 Petroleum Indicators (mg/kg)
Table A-17l ECA C18 Asbestos (s/samp)

Tables A-18 **Soil Analytical Results, ECA D1**
Table A-18a ECA D1 General Chemistry and Chromium (mg/kg)
Table A-18b ECA D1 Other Metals (mg/kg)
Table A-18c ECA D1 SVOCs (µg/kg)
Table A-18d ECA D1 Dioxins-Furans (pg/g)

Tables A-19 **Soil Analytical Results, ECA D2**
Table A-19a ECA D2 Dioxins-Furans (pg/g)
Table A-19b ECA D2 Pesticides - OCPs (µg/kg)

Tables A-20 **Soil Analytical Results, ECA Group D3/D4**
Table A-20a ECA Group D3/D4 General Chemistry and Chromium (mg/kg)
Table A-20b ECA Group D3/D4 Other Metals (mg/kg)
Table A-20c ECA Group D3/D4 Radionuclides (pCi/g)
Table A-20d ECA Group D3/D4 VOCs (µg/kg)
Table A-20e ECA Group D3/D4 SVOCs (µg/kg)
Table A-20f ECA Group D3/D4 PAHs (µg/kg)
Table A-20g ECA Group D3/D4 PCBs (µg/kg)
Table A-20h ECA Group D3/D4 Dioxins-Furans (pg/g)
Table A-20i ECA Group D3/D4 Pesticides - OCPs (µg/kg)
Table A-20j ECA Group D3/D4 Pesticides - OPPs (µg/kg)
Table A-20k ECA Group D3/D4 Petroleum Indicators (mg/kg)
Table A-20l ECA Group D3/D4 Asbestos (s/samp)

Tables A-21 **Soil Analytical Results, ECA Group D5-D8**
Table A-21a ECA Group D5-D8 General Chemistry and Chromium (mg/kg)
Table A-21b ECA Group D5-D8 Other Metals (mg/kg)
Table A-21c ECA Group D5-D8 Radionuclides (pCi/g)
Table A-21d ECA Group D5-D8 VOCs (µg/kg)
Table A-21e ECA Group D5-D8 SVOCs (µg/kg)
Table A-21f ECA Group D5-D8 PAHs (µg/kg)
Table A-21g ECA Group D5-D8 PCBs (µg/kg)
Table A-21h ECA Group D5-D8 Dioxins-Furans (pg/g)
Table A-21i ECA Group D5-D8 Pesticides - OCPs (µg/kg)
Table A-21j ECA Group D5-D8 Pesticides - OPPs (µg/kg)
Table A-21k ECA Group D5-D8 Asbestos (s/samp)

Tables A-22 **Soil Analytical Results, ECA D10**

Table A-22a ECA D10 Other Metals (mg/kg)
Table A-22b ECA D10 Dioxins-Furans (pg/g)

TABLES

Table A-1a. SOIL ANALYTICAL RESULTS, ECA GROUP BW
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)													
				Ammonia	Bromide	Carbonate as CO_3	Chlorate	Chloride	Chromium (total)	Chromium VI	Cyanide (total)	Nitrate (as NO_3)	Nitrate Nitrite as N	Nitrite	Perchlorate	ortho-Phosphate	Sulfate
			HSSL:	27,900	--	--	38,900	--	100,000	564	164	100,000	--	120,000	908	--	--
Phase A	SA-4	10 - 11.5	11/14/2006	6.4 UJ	<2.7	--	<5.3	**4.4**	**7.2**	<0.21	--	**1.5 J+**	--	**0.34**	**0.496**	**3.1 J**	**24.9**
Phase B	RSAQ3	9.5 - 11	9/30/2009	<0.097	<0.2	<3	**1.42**	**98.4 J+**	**7.77**	<0.19	<0.42	**17 J+**	--	<0.08	**13.5**	--	**1,020**
	RSAR3	1 - 2.5	10/01/2009	<0.097	<0.2	**24**	**0.128 J**	**17.8 J+**	**6.33**	<0.20	<0.5	**9 J+**	--	<0.08	**1.06**	--	**145**
	RSAR4	0.5 - 2	9/30/2009	<0.097	<0.2	**17 J**	**4.3**	**94.3 J+**	**5.44**	<0.19	<0.42	**7.6 J+**	--	<0.08	**4.65**	--	**37.0 J+**
		10 - 11.5	9/30/2009	<0.097	<0.2	**22**	**1.03 J-**	**12.4 J+**	**7.16**	<0.19	**0.47 J**	**5 J+**	--	<0.08	**1.06**	--	**24.7 J+**
			9/30/2009 (FD)	<0.097	<0.2	**21**	**1.0 J+**	**11.5 J+**	**6.49**	<0.19	**0.90**	**4.7 J+**	--	<0.08	**1.13**	--	**33.4 J+**
	SA-29	0.5 - 2	9/28/2009	<0.097	<0.2	**60**	**0.183 J**	**15.8 J+**	**7.31**	<0.19	<0.42	**7.4 J+**	--	<0.08	**1.12 J-**	--	**57.6 J**
		10 - 11.5	9/28/2009	<0.097	<0.2	**9 J**	**0.436 J+**	**364 J+**	**9.31**	<0.19	<0.42	**11 J+**	--	<0.08	**12.9 J-**	--	**30.2 J**
	SA-84	10 - 11.5	9/24/2009	<0.097	<0.2	**10 J**	**223 J-**	**265 J**	**7.68 J**	<0.19	<0.5	**20 J+**	--	**0.26**	**14.9 J-**	--	**214 J**
			9/24/2009 (FD)	<0.097	<0.2	**14 J**	**218 J-**	**259 J**	**7.62 J**	<0.19	<0.42	**20 J+**	--	**0.15**	**15.8 J-**	--	**224 J**
	SA-101	0 - 1.5	9/25/2009	<0.097	<0.2	**33**	**8.37 J-**	**90.6 J**	**7.25 J**	<0.19	<0.42	**24 J+**	--	**0.1 J**	**3.17 J-**	--	**65.6 J**
		9.5 - 11	9/25/2009	**0.23 J**	<0.2	**9 J**	**3.05 J**	**42.1 J**	**7.11 J**	<0.19	<0.42	**23 J+**	--	<0.08	**0.717 J-**	--	**49.2 J**
	SA-110	10 - 11.5	9/29/2009	<0.097	<0.2	**28**	**1.73**	**25.9 J+**	**8.55**	<0.19	<0.42	**9.1 J+**	--	**0.44**	**0.291 J**	--	**97.3 J**
	SA-111	1.5 - 3.5	10/05/2009	<0.097	<0.2	**120**	**0.519**	**29.8 J+**	**8.88**	**0.28 J**	<0.42	**5.9 J+**	--	<0.08	**0.956**	--	**50.5 J**
		10 - 12	10/05/2009	<0.097	<0.2	**11 J**	**11.2**	**199 J+**	**9.22**	<0.20	<0.5	**7.8 J+**	--	**0.18**	**5.38**	--	**93.4 J**
	SA-120	0 - 1.5	9/28/2009	<0.097	<0.2	**11 J**	**2.08**	**37.4 J+**	**8.34**	<0.19	<0.42	**14 J+**	--	<0.08	**5.64 J-**	--	**172 J**
		9.5 - 11	9/28/2009	<0.097	<0.2	**13 J**	**1.78**	**16.5 J+**	**7.85**	<0.19	<0.42	**12 J+**	--	<0.08	**0.866 J-**	--	**174 J**
	SA-135	1 - 2.5	9/08/2009	<0.097	<0.2	**120**	**44.6**	**289 J+**	**9.41**	<0.19	<0.42	**17 J+**	--	<0.08	**7.76**	--	**168**
	SA-148	9.5 - 11	9/23/2009	<0.097	<0.2	**9 J**	**36.8 J+**	**300 J**	**8.3 J**	<0.19	<0.5	**20 J+**	--	**0.23**	**45.1**	--	**46.0**
	SA-169	9.5 - 11.5	10/02/2009	**3.5 J+**	<0.2	**121**	**4.78**	**689 J+**	**13**	**0.26 J**	<0.42	**81 J+**	--	**0.31**	**365**	--	**1,140 J**
	SA-190	0 - 1.5	9/30/2009	<0.097	<0.2	**9 J**	**1.45**	**22.3 J+**	**10.9**	**0.59**	**0.86**	**38 J+**	--	<0.08	**2.33**	--	**189 J+**
		9.5 - 11	9/30/2009	<0.097	<0.2	**22 J**	**4.15**	**172 J+**	**6.95**	<0.19	<0.42	**40 J+**	--	<0.08	**2.66**	--	**152 J+**
	SA-191	0.5 - 2	9/29/2009	<0.097	<0.2	**5 J**	**3.63**	**283 J+**	**8.8**	<0.18	<0.42	**69 J+**	--	<0.08	**5.03 J**	--	**582 J-**
		10 - 11.5	9/29/2009	<0.097	**2.4**	**7 J**	**3.78**	**395**	**8.9**	<0.19	<0.42	**17 J+**	--	<0.08	**3.88 J**	--	**153 J**
	SA-192	1 - 2.5	10/07/2009	<0.097	<0.2	**21**	<0.043	**10.0 J+**	**8.1**	<0.19	<0.42	**6.6 J+**	--	<0.08	**0.481**	--	**64.6 J**
	SA-193	0 - 1	9/29/2009	<0.097	<0.2	<3	<0.043	**9.0 J+**	**7.47**	<0.19	<0.42	**12 J+**	--	<0.08	**0.975 J-**	--	**1,780 J-**
		1.5 - 3	9/29/2009	<0.097	<0.2	<3	<0.043	**40.1 J+**	**7.89**	<0.19	<0.5	**26 J+**	--	<0.08	**3.68 J**	--	**4,410 J-**
		9 - 10.5	9/29/2009	<0.097	<0.2	**11 J**	<0.044	**8.5 J+**	**7.1**	<0.19	<0.42	**7.7 J+**	--	<0.08	**1.43 J-**	--	**399 J-**
			9/29/2009 (FD)	<0.097	<0.2	**12 J**	<0.043	**8.6 J+**	**8.15**	<0.19	<0.42	**7.9 J+**	--	<0.08	**0.939 J-**	--	**356 J-**
	SA-205	1 - 2.5	9/24/2009	<0.097	<0.2	**22**	**0.345 J-**	**5.0 J**	**7.64 J**	<0.20	<0.42	**8.2 J+**	--	**0.09 J**	**0.27 J-**	--	**89.4 J**
	SA-209	0.5 - 2	9/28/2009	<0.097	<0.2	<3	**5.98**	**515**	**8.16**	<0.19	<0.42	**81 J+**	--	<0.08	**9.51 J-**	--	**411 J-**
		10 - 11.5	9/28/2009	<0.097	<0.2	**20 J**	**1.0 J+**	**98.4 J+**	**11.5**	<0.19	<0.42	**17 J+**	--	<0.08	**1.43 J-**	--	**108 J**
			9/28/2009 (FD)	<0.097	<0.2	**24**	**0.937 J+**	**79.1 J+**	**8.66**	<0.19	<0.42	**14 J+**	--	<0.08	**1.49 J-**	--	**94.0 J**
	SA-213	1 - 2.5	9/29/2009	<0.097	<0.2	**13 J**	**0.060 J**	**4.8 J+**	**7.19**	<0.20	<1	**4.6 J+**	--	<0.08	0.045 UJ	--	**77.2 J**
Pre-Excavation	SSAR4-04	0 - 1	6/24/2010	--	--	--	--	--	--	--	--	--	--	--	**850**	--	--
			6/24/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--	**1,100**	--	--
		2 - 3	6/24/2010	--	--	--	--	--	--	--	--	--	--	--	**1,100**	--	--
		4 - 5	6/24/2010	--	--	--	--	--	--	--	--	--	--	--	**1,200**	--	--
		6 - 7	6/24/2010	--	--	--	--	--	--	--	--	--	--	--	**1,400**	--	--
		8 - 9	6/24/2010	--	--	--	--	--	--	--	--	--	--	--	**1,500**	--	--
		9 - 10	6/24/2010	--	--	--	--	--	--	--	--	--	--	--	**1,200**	--	--
Phase 2 RI	RI-22	1 - 1.5	5/04/2017	--	--	--	**470**	--	**25**	<0.16	--	**220**	**49**	<1.2	**58**	--	--
		5 - 5.5	5/04/2017	--	--	--	**22**	--	**24**	<0.16	--	**19**	**4.3**	<1.2	**3.3**	--	--
		10 - 10.5	5/04/2017	--	--	--	**2.4**	--	**23**	<0.16	--	**8.4**	**1.9**	<1.2	**0.48**	--	--
	RI-27	1 - 1.5	5/19/2017	--	--	--	**5.7**	--	**16**	0.16 UJ	--	**26**	**5.9**	<1.2	**14**	--	--
		5 - 5.5	5/19/2017	--	--	--	**18**	--	**22**	0.17 UJ	--	**46**	**14**	**3.5**	**53**	--	--
		10 - 10.5	5/19/2017	--	--	--	**59**	--	**20**	0.16 UJ	--	**42**	**13**	**3.4**	**67**	--	--
	RI-28	1 - 1.5	6/14/2017	--	--	--	**0.43**	--	**21**	0.16 UJ	--	<3.8	<1.2	<1.2	**0.025 J-**	--	--
		5 - 5.5	6/14/2017	--	--	--	**0.26**	--	**19**	<0.16	--	<3.7	<1.2	<1.2	<0.010	--	--
		10 - 10.5	6/14/2017	--	--	--	**0.67**	--	**22**	<0.16	--	<3.8	<1.2	<1.2	**0.035 J-**	--	--

Table A-1a. SOIL ANALYTICAL RESULTS, ECA GROUP BW
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)													
				Ammonia	Bromide	Carbonate as CO_3	Chlorate	Chloride	Chromium (total)	Chromium VI	Cyanide (total)	Nitrate (as NO_3)	Nitrate Nitrite as N	Nitrite	Perchlorate	ortho-Phosphate	Sulfate
			HSSL:	27,900	--	--	38,900	--	100,000	564	164	100,000	--	120,000	908	--	--

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-1b. SOIL ANALYTICAL RESULTS, ECA GROUP BW
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)																		
				Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Niobium	Phosphorus (total)	Platinum
			HSSL:	100,000	3,450	7.2	100,000	6,130	100,000	8,180	--	385	51,900	100,000	800	100,000	100,000	3.13	6,490	50,300	130	100,000	5,190
Phase A	SA-4	10 - 11.5	11/14/2006	**6,040**	**0.14 J-**	**11.3**	**151 J+**	**0.36**	**4.7 J**	**0.088**	**25,300**	**3.8 J-**	**8.4 J-**	**8,350**	**6.3**	**5,530 J-**	**176 J**	**0.014 J-**	**0.42 J**	**9.3 J-**	--	--	**0.012 J**
Phase B	RSAQ3	9.5 - 11	9/30/2009	**8,750 J**	**1.4 J**	**2.49 J**	**200**	**0.463**	**10 J**	**0.1**	**17,100**	**7**	**17.1**	**15,200**	**9.7 J**	**8,730**	**414**	**0.021**	**0.63**	**15.7**	--	**639**	**0.009 J**
	RSAR3	1 - 2.5	10/01/2009	**7,800 J**	**1.3 J**	**2.3 J**	**157**	**0.357**	**7.7 J**	**0.17**	**38,800**	**6.6**	**16.7**	**13,200**	**11.5 J**	**7,860**	**357**	**0.026**	**0.49**	**13.1**	--	**787**	**0.006 J**
	RSAR4	0.5 - 2	9/30/2009	**8,480 J**	**1.6 J**	**2.29 J**	**173**	**0.353**	**11.9**	**0.15**	**20,600**	**6.8**	**17.1**	**13,800**	**11.3 J**	**8,680**	**336**	**0.02**	**0.45**	**14.5**	--	**837**	**0.008 J**
		10 - 11.5	9/30/2009	**7,290 J**	**0.9 J**	**2.9 J**	**118**	**0.431**	**10.3 J**	**0.1**	**25,300**	**7.7**	**16.8**	**13,400**	**7.5 J**	**9,500**	**344**	**0.01 J**	**0.33**	**13.7**	--	**901**	**0.009 J**
			9/30/2009 (FD)	**7,680 J**	**2.2 J-**	**3.11 J**	**117**	**0.388**	**11.3**	**0.12**	**32,800**	**6.4**	**18.2**	**13,600**	**7.6 J**	**9,610**	**310**	**0.01 J**	**0.51**	**14.3**	--	**886**	**0.009 J**
	SA-29	0.5 - 2	9/28/2009	**7,400**	**1.5 J**	**1.89**	**189 J**	**0.451**	**13.5**	**0.16**	**25,400**	**6.2**	**15.4**	**13,700**	**37.2 J**	**7,760**	**360**	**0.019**	**0.35**	**13.9**	--	**872 J**	**0.009 J**
		10 - 11.5	9/28/2009	**8,410**	**1.1 J**	**2.98**	**172 J**	**0.449**	**8.7 J**	**0.18**	**38,100**	**6.5**	**16.8**	**13,600**	**9.4 J**	**10,300**	**289**	**0.011 J**	**0.53**	**15.5**	--	**619 J**	**0.01 J**
	SA-84	10 - 11.5	9/24/2009	**7,260**	**1.4 J**	**3.81**	**150 J**	**0.512 J**	**40.7**	**0.12**	**26,700 J**	**6.4**	**15.9**	**12,400 J**	**8**	**9,200**	**320 J**	**0.008 J**	**0.35**	**14.1 J**	--	**565**	**0.01 J**
			9/24/2009 (FD)	**9,690**	**1.6 J**	**3.77**	**209 J**	**0.462 J**	**54.7**	**0.19**	**18,800 J**	**7.5**	**18.8**	**15,900 J**	**9.1**	**9,550**	**349 J**	**0.01 J**	**0.43**	**16.2 J**	--	**536**	**0.01 J**
	SA-101	0 - 1.5	9/25/2009	**8,890**	**1.5 J**	**2.17**	**164 J**	**0.445 J**	**11.7**	**0.19**	**25,300 J**	**7.5**	**19.9**	**15,900 J**	**15.5**	**9,120**	**397 J**	**0.012 J**	**0.43**	**16.3 J**	--	**915**	**0.009 J**
		9.5 - 11	9/25/2009	**8,560**	**1.3 J**	**2.47**	**181 J**	**0.468 J**	**9.3 J**	**0.19**	**37,700 J**	**6.6**	**16.8**	**13,500 J**	**8.2**	**9,950**	**303 J**	**0.012 J**	**0.36**	**14.4 J**	--	**643**	**0.01 J**
	SA-110	10 - 11.5	9/29/2009	**8,900**	**0.9 J-**	**2.82**	**162**	**0.425 J**	**9.3 J**	<0.04	**38,400**	**6.3**	**17.7**	**13,800**	**6.6**	**13,800**	**261 J+**	**0.006 J**	**0.36**	**14.6**	--	**719**	**0.01 J**
	SA-111	1.5 - 3.5	10/05/2009	**9,510**	**1.2 J**	**2.73**	**191**	**0.508 J**	**10.8**	**0.15**	**22,900**	**7.9**	**18.1 J**	**18,100**	**9.4 J**	**8,560**	**359**	**0.01 J**	**0.58**	**16.8 J**	--	**707**	**0.008 J**
		10 - 12	10/05/2009	**8,920**	**0.6 J**	**3.2**	**160**	**0.474 J**	**12.5**	**0.15**	**35,800**	**7.8**	**25.4 J**	**14,500**	**19.6 J**	**10,700**	**369**	**0.01 J**	**0.51**	**15.2 J**	--	**822**	**0.007 J**
	SA-120	0 - 1.5	9/28/2009	**9,450**	**1.4 J**	**2.55**	**234 J**	**0.461**	**22.6**	**0.25**	**38,200**	**7.7**	**19.7**	**16,200**	**10.3 J**	**9,640**	**332**	**0.049**	**0.35**	**17**	--	**663 J**	**0.011 J**
		9.5 - 11	9/28/2009	**8,440**	**1.3 J**	**2.74**	**192 J**	**0.494**	**10.4**	**0.1**	**10,500**	**6.3**	**15.5**	**14,000**	**9 J**	**7,170**	**291**	**0.009 J**	**0.45**	**14**	--	**585 J**	**0.01 J**
	SA-135	1 - 2.5	9/08/2009	**8,240**	<0.5	**2.61**	**171**	**0.506**	**5 J**	**0.44**	**24,600**	**7**	**18.6**	**13,700**	**12.3**	**8,350**	**351**	**0.014 J**	**0.32**	**14.6**	--	**934**	**0.01 J**
	SA-148	9.5 - 11	9/23/2009	**8,850**	0.5 UJ	**2.71**	**203**	**0.556**	**9.1 J**	<0.04	**31,800**	**6.9**	**18.3 J**	**14,700**	**8.2**	**9,110 J**	**320**	**0.013 J**	**0.46**	**11.8**	--	**712**	**0.011 J**
	SA-169	9.5 - 11.5	10/02/2009	**8,710**	**1.9 J**	**4.15**	**166**	**0.442 J**	**12.1**	**0.3**	**41,400**	**7.1**	**20.7 J**	**18,800**	**19.7 J**	**9,680**	**455**	**1.99**	**0.9**	**16.8 J**	--	**859**	**0.011 J**
	SA-190	0 - 1.5	9/30/2009	**9,130 J**	**1.7 J**	**3.69 J**	**229**	**0.414**	**11.6**	**0.62**	**30,700**	**8.1**	**47.1**	**19,100**	**77.2 J**	**12,200**	**662**	**0.055**	**6.35**	**16.1**	--	**1,240**	**0.019 J**
		9.5 - 11	9/30/2009	**8,700 J**	**1.2 J**	**3.8 J**	**190**	**0.393**	**16.3**	**0.13**	**30,700**	**6.5**	**16.6**	**14,700**	**7.4 J**	**11,100**	**278**	**0.007 J**	**0.47**	**15.3**	--	**826**	**0.008 J**
	SA-191	0.5 - 2	9/29/2009	**9,520**	**1.4 J-**	**2.24**	**192**	**0.44 J**	**10.4**	**0.06 J**	**26,700**	**7.6**	**19.1**	**15,400**	**10**	**10,400**	**474 J+**	**0.053**	**0.63**	**16**	--	**902**	**0.01 J**
		10 - 11.5	9/29/2009	**9,440**	**0.9 J-**	**3.15**	**170**	**0.462 J**	**8.3 J**	<0.04	**30,300**	**7.5**	**17.8**	**14,000**	**8.8**	**11,400**	**370 J+**	**0.01 J**	**0.62**	**15.2**	--	**652**	**0.011 J**
	SA-192	1 - 2.5	10/07/2009	**9,630**	**0.8 J-**	**2.09**	**221**	**0.53**	**5.7 J**	<0.04	**27,400**	**9.8**	**24.8**	**16,800**	**12.1**	**9,190**	**502**	**0.014 J**	**0.42**	**16.7**	--	**912**	**0.008 J**
	SA-193	0 - 1	9/29/2009	**7,150**	**1 J-**	**3.93**	**139**	**0.331 J**	**7.8 J**	**0.15**	**39,800**	**5.8**	**20.1**	**12,200**	**25.2**	**13,000**	**410 J+**	**0.138**	**0.51**	**12.7**	--	**910**	**0.009 J**
		1.5 - 3	9/29/2009	**6,560**	0.5 UJ	**2.95**	**115**	**0.372 J**	**6.8 J**	<0.04	**51,200**	**5.6**	**14.3**	**11,100**	**8.6**	**14,600**	**259 J+**	**0.02**	**0.65**	**12.1**	--	**719**	**0.009 J**
		9 - 10.5	9/29/2009	**8,450**	**0.7 J-**	**2.29**	**179**	**0.411 J**	**9.4 J**	**0.14**	**44,100 J**	**6.4**	**16.7**	**12,500**	**9.3**	**8,890**	**316 J+**	**0.018**	**0.51**	**13.7**	--	**824**	**0.008 J**
			9/29/2009 (FD)	**8,590**	**1.4 J-**	**2.52**	**175**	**0.441 J**	**10.1 J**	<0.04	**14,700 J**	**6.8**	**17.3**	**14,100**	**8.9**	**8,310**	**307 J+**	**0.01 J**	**0.51**	**14.5**	--	**895**	**0.009 J**
	SA-205	1 - 2.5	9/24/2009	**7,480**	**1.1 J**	**2.41**	**148 J**	**0.404 J**	**7.9 J**	**0.15**	**21,400 J**	**6.4**	**15.7**	**12,200 J**	**10.2**	**9,450**	**305 J**	**0.013 J**	**0.35**	**13.4 J**	--	**769**	**0.008 J**
	SA-209	0.5 - 2	9/28/2009	**8,810**	**1.6 J**	**2.75**	**179 J**	**0.49**	**8.9 J**	**0.17**	**26,000**	**7.4**	**18.4**	**15,900**	**9.3 J**	**9,290**	**352**	**0.012 J**	**0.37**	**16.2**	--	**743 J**	**0.012 J**
		10 - 11.5	9/28/2009	**7,550**	**1.6 J**	**3.65**	**171 J**	**0.585**	**8 J**	**0.14**	**33,800**	**7.2**	**19.5**	**13,500**	**8 J**	**9,190**	**363**	**0.013 J**	**0.6**	**15.2**	--	**1,040 J**	**0.015 J**
			9/28/2009 (FD)	**7,980**	**1.7 J**	**2.67**	**165 J**	**0.422**	**8.2 J**	**0.16**	**23,200**	**7.5**	**18**	**14,000**	**7.8 J**	**9,840**	**318**	**0.011 J**	**0.68**	**15.5**	--	**1,020 J**	**0.01 J**
	SA-213	1 - 2.5	9/29/2009	**8,420**	**0.8 J-**	**2.46**	**137**	**0.444 J**	**7.4 J**	<0.04	**23,500**	**7.1**	**16.9**	**13,900**	**10**	**9,250**	**320 J+**	**0.013 J**	**0.43**	**14.7**	--	**821**	**0.013 J**
Pre-Excavation	RSAQ3	1.5 - 2.5	4/28/2010	--	--	**3.7**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2.5 - 3.5	4/06/2010	--	--	**3.2**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			4/06/2010 (FD)	--	--	**3.4**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		4.5 - 5.5	4/06/2010	--	--	**4.3**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SA-4	4 - 5	4/13/2010	--	--	**21**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6 - 7	4/13/2010	--	--	**11**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8 - 9	4/13/2010	--	--	**14**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SA84W	9.5	4/07/2010	--	--	**6.4**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SA-203	5 - 5.5	4/07/2010	--	--	**11**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6.5 - 7.5	4/07/2010	--	--	**8.9**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8.5 - 9.5	4/07/2010	--	--	**8.7**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAQ3-02	0	9/08/2010	--	--	**3.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			9/08/2010 (FD)	--	--	**3.4**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAQ3-03	0	8/09/2010	--	--	**4.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2.5 - 3.5	8/09/2010	--	--	**3.6**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		7.5 - 8.5	8/09/2010	--	--	**3.3**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table A-1b. SOIL ANALYTICAL RESULTS, ECA GROUP BW
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)																		
				Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Niobium	Phosphorus (total)	Platinum
			HSSL:	100,000	3,450	7.2	100,000	6,130	100,000	8,180	--	385	51,900	100,000	800	100,000	100,000	3.13	6,490	50,300	130	100,000	5,190
Pre-Excavation	SSAQ4-08	1.5 - 2.5	8/09/2010	--	--	**5.0**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5.5 - 6.5	8/09/2010	--	--	**45 J-**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6.5 - 7.5	8/09/2010	--	--	**15**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			8/09/2010 (FD)	--	--	**14**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAQ4-10	0.5 - 1.5	8/09/2010	--	--	**10**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		1.5 - 2.5	8/09/2010	--	--	**10**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2.5 - 3.5	8/09/2010	--	--	**8.3**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3.5 - 4.5	8/09/2010	--	--	**3.9**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		4.5 - 5.5	8/09/2010	--	--	**5.3**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9.5 - 10.5	8/09/2010	--	--	**3.8**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAR3-01	1 - 2	5/25/2010	--	--	**4.8**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5 - 6	5/25/2010	--	--	**5.0**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAR4-04	0 - 1	6/24/2010	--	--	**2.5 J**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			6/24/2010 (FD)	--	--	**3.3 J**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2 - 3	6/24/2010	--	--	**3.2**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		4 - 5	6/24/2010	--	--	**3.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6 - 7	6/24/2010	--	--	**3.0**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8 - 9	6/24/2010	--	--	**3.0**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phase 2 RI	RI-22	1 - 1.5	5/04/2017	--	0.50 UJ	**260**	**210 J**	--	**20**	<0.26	--	**8.8**	**24**	**25,000 J**	**35 J**	**13,000 J**	**460 J**	**0.085 J**	<1.0	**21**	<3.0	**1,200 J**	--
		5 - 5.5	5/04/2017	--	0.51 UJ	**19**	**230 J**	--	**15**	<0.27	--	**8.8**	**21**	**24,000 J**	**11 J**	**11,000 J**	**500 J**	**0.037 J**	<1.1	**19**	<3.1	**1,100 J**	--
		10 - 10.5	5/04/2017	--	0.52 UJ	**6.2**	**180 J**	--	**17**	<0.27	--	**8.9**	**22**	**24,000 J**	**8.9 J**	**12,000 J**	**450 J**	**0.21 J**	<1.1	**21**	<3.1	**1,100 J**	--
	RI-27	1 - 1.5	5/19/2017	--	0.52 UJ	**5.3**	**110**	--	**12**	<0.27	--	**6.5**	**18**	**17,000**	**21**	**31,000**	**290**	<0.013	<1.1	**16**	<3.1	**920**	--
		5 - 5.5	5/19/2017	--	0.50 UJ	**5.0**	**160**	--	**12**	<0.27	--	**8.7**	**22**	**23,000**	**8.5**	**12,000**	**350**	<0.013	<1.1	**20**	<3.0	**1,000**	--
		10 - 10.5	5/19/2017	--	0.50 UJ	**4.7**	**160**	--	**11**	<0.27	--	**8.7**	**21**	**21,000**	**14**	**14,000**	**420**	**0.013 J**	<1.1	**19**	<3.0	**1,000**	--
	RI-28	1 - 1.5	6/14/2017	--	**0.49 J-**	**5.5**	**130**	--	**8.3**	**0.32 J**	--	**9.1**	**32**	**19,000**	**110**	**10,000**	**890**	**0.035**	<1.1	**17**	<2.9	**930**	--
		5 - 5.5	6/14/2017	--	0.50 UJ	**3.6**	**140**	--	**8.8**	<0.26	--	**8.8**	**19**	**17,000**	**11**	**7,100**	**580**	<0.013	<1.1	**17**	<3.0	**1,100**	--
		10 - 10.5	6/14/2017	--	0.52 UJ	**5.2**	**200**	--	**12**	<0.27	--	**9.9**	**22**	**18,000**	**20**	**11,000**	**910**	<0.013	**1.7 J**	**19**	<3.1	**1,200**	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-1b. SOIL ANALYTICAL RESULTS, ECA GROUP BW
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)												
				Potassium	Selenium	Silver	Sodium	Strontium	Thallium	Tin	Titanium	Tungsten	Uranium (total)	Vanadium	Zinc	Zirconium
			HSSL:	--	6,490	100,000	--	100,000	13	100,000	100,000	1,040	3,830	100,000	100,000	104
Phase A	SA-4	10 - 11.5	11/14/2006	**2,480 J-**	**0.12 J**	**0.11 J**	**823 J-**	**187 J+**	<0.074	**0.42**	**429**	**0.23 J**	**0.85**	**22.2 J-**	**20.1 J-**	--
Phase B	RSAQ3	9.5 - 11	9/30/2009	**2,320**	<0.7	<0.2	**682**	**223**	**0.096 J**	**4.3 J**	**683 J**	**0.18**	**0.924**	**42.8**	**31.2**	--
	RSAR3	1 - 2.5	10/01/2009	**4,240**	<0.7	<0.2	**211**	**102**	**0.077 J**	**4.3 J**	**592 J**	**0.12**	**0.666**	**35.9**	**29.4**	--
	RSAR4	0.5 - 2	9/30/2009	**3,740**	<0.7	<0.2	**370**	**187**	**0.063 J**	**4.7 J**	**604 J**	**0.099 J**	**0.793**	**38**	**31**	--
		10 - 11.5	9/30/2009	**1,400**	<0.7	<0.2	**618**	**219**	**0.079 J**	**4.4 J**	**595 J**	**0.12**	**1.76**	**38.1**	**28.7**	--
			9/30/2009 (FD)	**1,530**	<0.7	<0.2	**628**	**216**	**0.081 J**	**4.3 J**	**660 J**	**0.11**	**1.63**	**37.7**	**28.6**	--
	SA-29	0.5 - 2	9/28/2009	**3,180**	0.7 UJ	<0.2	**1,150 J**	**93.1**	**0.098**	**3.7 J**	**700**	**0.17 J-**	**0.785**	**37**	**31**	--
		10 - 11.5	9/28/2009	**1,770**	**0.9 J-**	<0.2	**722 J**	**258**	**0.107**	**4.4 J**	**637**	**0.23 J-**	**1.45**	**40.2**	**31.3**	--
	SA-84	10 - 11.5	9/24/2009	**2,000**	0.7 UJ	<0.2	**623 J**	**178 J**	**0.091**	**4.3 J**	**543 J**	**0.18 J-**	**1.08**	**33.1**	**29.6**	--
			9/24/2009 (FD)	**2,590**	0.8 UJ	<0.2	**794 J**	**223 J**	**0.091**	**4.5 J**	**764 J**	**0.14 J-**	**1.01**	**46**	**33.7**	--
	SA-101	0 - 1.5	9/25/2009	**2,180**	0.7 UJ	<0.2	**521 J**	**201 J**	**0.083**	**4.3 J**	**784 J**	**0.17 J-**	**0.849**	**45**	**36.3**	--
		9.5 - 11	9/25/2009	**2,150**	0.7 UJ	<0.2	**550 J**	**278 J**	**0.097**	**4.5 J**	**610 J**	**0.17 J-**	**1**	**36.4**	**31.3**	--
	SA-110	10 - 11.5	9/29/2009	**1,830**	0.7 UJ	<0.2	**857**	**261**	**0.085**	**4.3 J**	**657**	**0.15 J-**	**1.12**	**40.8**	**30.5**	--
	SA-111	1.5 - 3.5	10/05/2009	**3,380**	<0.7	<0.2	**1,870**	**201**	**0.118 J**	**4.4 J**	**1,060**	**0.18 J**	**1.07**	**59.3**	**37.8**	--
		10 - 12	10/05/2009	**1,820**	<0.7	<0.2	**796**	**242**	**0.093 J**	**4.4 J**	**772**	**0.21 J**	**1.23**	**49**	**31.7**	--
	SA-120	0 - 1.5	9/28/2009	**2,500**	0.7 UJ	<0.2	**363 J**	**198**	**0.093**	**4.2 J**	**832**	**0.15 J-**	**0.821**	**46.6**	**36.1**	--
		9.5 - 11	9/28/2009	**2,540**	0.7 UJ	<0.2	**667 J**	**213**	**0.101**	**4.2 J**	**624**	**0.15 J-**	**1.11**	**39.2**	**33.6**	--
	SA-135	1 - 2.5	9/08/2009	**2,340**	<0.7	<0.2	**3,100**	**158**	**0.147**	**5.1 J**	**637**	**0.12**	**1.2**	**42.4**	**32.1**	--
	SA-148	9.5 - 11	9/23/2009	**2,870**	<0.7	<0.2	**717**	**263**	**0.093 J**	**3.4 J**	**785**	**0.15**	**0.897**	**44.7**	**33.6**	--
	SA-169	9.5 - 11.5	10/02/2009	**2,380**	<0.7	**0.3 J**	**1,450**	**213**	**0.187 J**	**4.8 J**	**882**	**0.39 J**	**1.1**	**54.3**	**66.6**	--
	SA-190	0 - 1.5	9/30/2009	**2,060**	<0.7	<0.2	**703**	**219**	**0.113 J**	**7.8 J**	**696 J**	**0.28**	**0.763**	**41.9**	**64.4**	--
		9.5 - 11	9/30/2009	**1,860**	<0.8	<0.2	**1,120**	**224**	**0.067 J**	**4.5 J**	**666 J**	**0.11**	**1.47**	**39.5**	**31.5**	--
	SA-191	0.5 - 2	9/29/2009	**2,380**	0.7 UJ	<0.2	**544**	**196**	**0.114**	**3.8 J**	**756**	**0.19 J-**	**0.818**	**39.1**	**34.2**	--
		10 - 11.5	9/29/2009	**1,660**	0.7 UJ	<0.2	**955**	**315**	**0.086**	**3.8 J**	**595**	**0.14 J-**	**1.9**	**38**	**32**	--
	SA-192	1 - 2.5	10/07/2009	**2,960**	<0.7	<0.2	**700**	**192**	**0.122**	**4.1 J**	**856**	**0.2 J-**	**0.857**	**48.3**	**36.1**	--
	SA-193	0 - 1	9/29/2009	**2,130**	0.7 UJ	<0.2	**300**	**186**	**0.07**	**3.3 J**	**617**	**0.16 J-**	**0.766**	**31.8**	**47.6**	--
		1.5 - 3	9/29/2009	**1,650**	0.7 UJ	<0.2	**478**	**202**	**0.102**	**5.4 J**	**450**	**0.22 J-**	**0.887**	**28**	**30**	--
		9 - 10.5	9/29/2009	**2,450**	0.7 UJ	<0.2	**667**	**249**	**0.079**	**4.1 J**	**547**	**0.15 J-**	**0.79**	**35.3**	**33.3**	--
			9/29/2009 (FD)	**2,480**	0.7 UJ	<0.2	**638**	**194**	**0.086**	**4 J**	**664**	**0.14 J-**	**0.84**	**38.3**	**31.8**	--
	SA-205	1 - 2.5	9/24/2009	**2,310**	0.8 UJ	<0.2	**621 J**	**162 J**	**0.078**	**4.3 J**	**561 J**	**0.17 J-**	**0.731**	**32.2**	**30.7**	--
	SA-209	0.5 - 2	9/28/2009	**2,170**	0.7 UJ	<0.2	**919 J**	**205**	**0.092**	**3.8 J**	**800**	**0.16 J-**	**0.967**	**46.4**	**35.6**	--
		10 - 11.5	9/28/2009	**1,710**	0.7 UJ	<0.2	**771 J**	**211**	**0.089**	**4 J**	**636**	**0.23 J-**	**1.77**	**38.8**	**31.4**	--
			9/28/2009 (FD)	**1,810**	0.7 UJ	<0.2	**846 J**	**210**	**0.072**	**4.1 J**	**676**	**0.17 J-**	**1.2**	**40.2**	**34.1**	--
	SA-213	1 - 2.5	9/29/2009	**2,200**	0.7 UJ	<0.2	**528**	**182**	**0.234**	**4 J**	**655**	**0.16 J-**	**0.81**	**37.1**	**32.7**	--
Pre-Excavation	RSAQ3	1.5 - 2.5	4/28/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
		2.5 - 3.5	4/06/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
			4/06/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--
		4.5 - 5.5	4/06/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
	SA-4	4 - 5	4/13/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
		6 - 7	4/13/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
		8 - 9	4/13/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
	SA84W	9.5	4/07/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
	SA-203	5 - 5.5	4/07/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
		6.5 - 7.5	4/07/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
		8.5 - 9.5	4/07/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAQ3-02	0	9/08/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
			9/08/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAQ3-03	0	8/09/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
		2.5 - 3.5	8/09/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
		7.5 - 8.5	8/09/2010	--	--	--	--	--	--	--	--	--	--	--	--	--

Table A-1b. SOIL ANALYTICAL RESULTS, ECA GROUP BW
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)													
				Potassium	Selenium	Silver	Sodium	Strontium	Thallium	Tin	Titanium	Tungsten	Uranium (total)	Vanadium	Zinc	Zirconium
			HSSL:	--	6,490	100,000	--	100,000	13	100,000	100,000	1,040	3,830	100,000	100,000	104
Pre-Excavation	SSAQ4-08	1.5 - 2.5	8/09/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
		5.5 - 6.5	8/09/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
		6.5 - 7.5	8/09/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
			8/09/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAQ4-10	0.5 - 1.5	8/09/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
		1.5 - 2.5	8/09/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
		2.5 - 3.5	8/09/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
		3.5 - 4.5	8/09/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
		4.5 - 5.5	8/09/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
		9.5 - 10.5	8/09/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAR3-01	1 - 2	5/25/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
		5 - 6	5/25/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAR4-04	0 - 1	6/24/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
			6/24/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--
		2 - 3	6/24/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
		4 - 5	6/24/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
		6 - 7	6/24/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
		8 - 9	6/24/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
Phase 2 RI	RI-22	1 - 1.5	5/04/2017	--	--	<0.78	--	**290 J**	<0.50	--	--	2.6 UJ	--	**75 J**	--	**26**
		5 - 5.5	5/04/2017	--	--	<0.81	--	**270 J**	<0.51	--	--	2.7 UJ	--	**74 J**	--	**27**
		10 - 10.5	5/04/2017	--	--	<0.80	--	**350 J**	<0.52	--	--	2.7 UJ	--	**77 J**	--	**28**
	RI-27	1 - 1.5	5/19/2017	--	--	<0.80	--	**180 J**	<0.52	--	--	2.7 UJ	--	**56**	--	**18**
		5 - 5.5	5/19/2017	--	--	<0.82	--	**270 J**	<0.50	--	--	2.7 UJ	--	**74**	--	**25**
		10 - 10.5	5/19/2017	--	--	<0.82	--	**240 J**	<0.50	--	--	2.7 UJ	--	**65**	--	**19**
	RI-28	1 - 1.5	6/14/2017	--	--	<0.83	--	**110**	<0.48	--	--	<2.8	--	**46**	--	**20**
		5 - 5.5	6/14/2017	--	--	<0.79	--	**210**	<0.50	--	--	<2.6	--	**62**	--	**24**
		10 - 10.5	6/14/2017	--	--	<0.82	--	**270**	<0.52	--	--	<2.7	--	**60**	--	**27**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-1c. SOIL ANALYTICAL RESULTS, ECA GROUP BW
Radionuclides (pCi/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Radionuclides (pCi/g)							
				Radium-226	Radium-228	Thorium-228	Thorium-230	Thorium-232	Uranium-234	Uranium-235	Uranium-238
			HSSL:	0.023	0.046	0.026	14	13	18	0.33	1.5
Phase A	SA-4	10 - 11.5	11/14/2006	**1.13 J**	**1.81**	--	--	--	--	--	--
Phase B	RSAQ3	9.5 - 11	9/30/2009	**0.740 J**	**1.40**	**1.52**	**1.02**	**1.26**	**1.22**	**0.0763 J**	**1.01**
	RSAR3	1 - 2.5	10/01/2009	**0.751**	**1.23**	**1.45**	**0.793 J**	**1.18**	**0.876**	**0.0281 U**	**0.812**
	RSAR4	0.5 - 2	9/30/2009	**0.693**	**1.24**	**1.89**	**1.17 J**	**1.48**	**1.02**	**0.033**	**1.02**
		10 - 11.5	9/30/2009	**0.787**	**1.24**	**1.38**	**1.71 J**	**1.32**	**1.84**	**0.114 J**	**1.36**
			9/30/2009 (FD)	**1.02**	**0.987**	**1.55**	**1.61 J**	**1.43**	**1.93**	**0.0723 J**	**1.54**
	SA-29	0.5 - 2	9/28/2009	**0.554**	**1.34**	**1.46**	**0.689**	**1.17**	**0.781**	**0.0342**	**0.883**
		10 - 11.5	9/28/2009	**0.553**	**1.28**	**1.26**	**0.867**	**1.16**	**1.27**	**0.0714**	**0.962**
	SA-84	10 - 11.5	9/24/2009	**0.715**	**0.943 J**	**1.75**	**1.29**	**1.29**	**1.04**	**0.0601**	**1.05**
			9/24/2009 (FD)	**0.640**	**2.01 J**	**1.44**	**1.06**	**1.47**	**1.26**	**0.0348 U**	**1.16**
	SA-101	0 - 1.5	9/25/2009	**0.617**	**1.01**	**1.38**	**0.884**	**1.18**	**0.887**	**0.0395 U**	**0.842**
		9.5 - 11	9/25/2009	**0.418**	**0.813**	**1.54**	**1.12**	**1.25**	**1.09**	**0.0451**	**0.944**
	SA-110	10 - 11.5	9/29/2009	**0.742**	**0.959**	**1.53**	**1.11**	**1.27**	**0.954**	**0.100**	**0.926**
	SA-111	1.5 - 3.5	10/05/2009	**0.718**	**1.08**	**1.72**	**1.02**	**1.43**	**1.05**	**0.0715 UJ**	**1.07**
		10 - 12	10/05/2009	**0.464 J**	**1.27**	**1.38**	**1.07**	**1.30**	**1.12**	**0.0491 J**	**1.19**
	SA-120	0 - 1.5	9/28/2009	**0.344**	**1.61**	**1.76**	**0.879**	**1.54**	**0.825**	**0.0887**	**0.909**
		9.5 - 11	9/28/2009	**0.680**	**0.684**	**1.61**	**1.08**	**1.37**	**1.41**	**0.0741 U**	**1.16**
	SA-135	1 - 2.5	9/08/2009	**1.42**	**0.753**	**1.40**	**1.06**	**1.21**	**1.35**	**0.0742 U**	**1.17**
	SA-148	9.5 - 11	9/23/2009	**0.474 J**	**0.582**	**1.67**	**1.02**	**1.36**	**0.948**	**0.0455 U**	**0.863**
	SA-169	9.5 - 11.5	10/02/2009	**0.719**	**1.22**	**0.937**	**0.881 J**	**1.15**	**0.922**	**0.0468 U**	**0.807**
	SA-190	0 - 1.5	9/30/2009	**1.16 J**	**1.21**	**1.27**	**0.757**	**1.19**	**0.769**	**0.0646 J**	**0.763**
		9.5 - 11	9/30/2009	**1.18 J**	**1.29**	**1.18**	**1.12**	**1.29**	**1.48**	**0.0548 J**	**1.20**
	SA-191	0.5 - 2	9/29/2009	**1.30 J**	**1.19**	**1.82**	**0.935**	**1.41**	**0.975**	**0.134 J**	**0.903**
		10 - 11.5	9/29/2009	**0.905 J**	**0.898**	**1.58**	**1.24**	**1.22**	**1.70**	**0.0721 J**	**1.20**
	SA-192	1 - 2.5	10/07/2009	**0.695**	**1.17 J**	**1.62 J**	**1.04 J**	**1.58 J**	**0.879**	**0.0636**	**0.840**
	SA-193	0 - 1	9/29/2009	**0.768 J**	**1.74**	**1.22**	**0.645**	**1.19**	**0.793**	**0.00843 UJ**	**0.883**
		1.5 - 3	9/29/2009	**0.584 J**	**1.32**	**1.03**	**0.722**	**1.14**	**1.06**	**0.0554 J**	**0.886**
		9 - 10.5	9/29/2009	**1.04 J**	**1.86**	**1.37**	**0.936**	**1.35**	**1.00**	**0.0754 J**	**0.918**
			9/29/2009 (FD)	**1.43 J**	**1.65**	**1.42**	**1.17**	**1.28**	**1.05**	**0.0904 J**	**0.961**
	SA-205	1 - 2.5	9/24/2009	**0.352**	**0.915**	**1.48**	**0.925**	**1.25**	**0.937**	**0.0496 U**	**0.920**
	SA-209	0.5 - 2	9/28/2009	**0.562**	**1.36**	**1.26**	**0.927**	**1.26**	**1.09**	**0.0487**	**0.912**
		10 - 11.5	9/28/2009	**0.984**	**1.44**	**1.51**	**1.03**	**1.40**	**1.25**	**0.081**	**1.09**
			9/28/2009 (FD)	**0.816**	**1.35**	**1.40**	**0.994**	**1.29**	**1.20**	**0.0634**	**1.01**
	SA-213	1 - 2.5	9/29/2009	**0.588**	**0.968**	**1.58**	**0.824**	**1.38**	**0.992**	**0.0616 U**	**1.14**
Phase 2 RI	RI-22	1 - 1.5	5/04/2017	**1.01**	**1.00**	**1.55**	**1.25**	**1.79**	--	--	--
		5 - 5.5	5/04/2017	**0.910**	**0.980**	**1.85**	**1.07**	**1.71**	--	--	--
		10 - 10.5	5/04/2017	**1.74**	**1.06**	**1.80**	**1.66**	**1.94**	--	--	--
	RI-27	1 - 1.5	5/19/2017	**1.10**	**0.711**	**1.86**	**1.39**	**1.32**	--	--	--
		5 - 5.5	5/19/2017	**0.863**	**1.44**	**1.67**	**0.947 J**	**1.66**	--	--	--
		10 - 10.5	5/19/2017	**0.865**	**1.06**	**2.13**	**1.16**	**1.63**	--	--	--
	RI-28	1 - 1.5	6/14/2017	**0.738**	**0.910**	**1.62**	**0.993**	**1.27**	--	--	--
		5 - 5.5	6/14/2017	**0.927**	**1.18**	**1.79**	**1.09**	**1.85**	--	--	--
		10 - 10.5	6/14/2017	**0.711**	**1.40**	**1.72**	**1.59**	**1.93**	--	--	--

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
pCi/g: picocuries per gram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: result above minimum detectable activity
Value: result below minimum detectable activity
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-1d. SOIL ANALYTICAL RESULTS, ECA GROUP BW
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Acetone	t-Amyl methyl ether	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene
			HSSL:	100,000,000	--	5,310	679,000	628,000	1,300	95,300	30,300	28,400,000	108,000	145,000	183,000	2,960	1,370,000	2,120,000	1,390	464,000	907,000	26,000,000	10,400,000
Phase A	SA-4	10 - 11.5	11/14/2006	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<11	<5.3	<5.3	<5.3	<5.3	<5.3	5.3 UJ	<5.3	5.3 UJ	<5.3	<5.3	<5.3
Phase B	RSAQ3	9.5 - 11	9/30/2009	**6.4 J**	<0.11	<0.42	<0.38	<0.38	<0.47	<0.39	<0.72	<0.70	<0.70	<0.60	<0.51	<0.42	<0.44	<0.44	<0.40	<0.52	<0.56	<0.50	<0.46
	RSAR3	1 - 2.5	10/01/2009	**13 J**	<0.12	<0.48	<0.43	<0.43	<0.54	<0.44	<0.82	<0.79	<0.79	<0.68	<0.58	<0.47	<0.50	<0.50	<0.45	<0.60	<0.64	<0.57	<0.52
	RSAR4	0.5 - 2	9/30/2009	**31**	<0.11	<0.45	<0.40	<0.40	<0.50	<0.41	<0.76	**0.95 J**	<0.74	<0.64	<0.54	<0.44	<0.47	<0.47	<0.42	<0.56	<0.60	<0.53	<0.49
		10 - 11.5	9/30/2009	**21 J+**	<0.15	<0.59	<0.53	<0.53	<0.66	<0.54	<1.0	<0.98	<0.98	<0.83	<0.71	<0.58	<0.62	<0.62	<0.55	<0.73	<0.78	<0.69	<0.64
			9/30/2009 (FD)	**2.3 J**	<0.13	<0.54	<0.48	<0.48	<0.60	<0.49	<0.91	<0.89	<0.89	<0.76	<0.64	<0.53	<0.56	<0.56	<0.50	<0.67	<0.71	<0.63	<0.59
	SA-29	0.5 - 2	9/28/2009	**5.0 J**	<0.13	<0.51	<0.46	<0.46	<0.57	<0.47	<0.86	<0.84	<0.84	<0.72	<0.61	<0.50	<0.53	<0.53	<0.48	<0.63	<0.68	<0.60	<0.55
		10 - 11.5	9/28/2009	**11 J**	<0.12	<0.49	<0.44	<0.44	<0.55	<0.45	<0.83	<0.81	<0.81	<0.69	<0.59	<0.48	<0.51	<0.51	<0.46	<0.61	<0.65	<0.58	<0.54
	SA-84	10 - 11.5	9/24/2009	<1.8	<0.13	<0.54	<0.48	<0.48	<0.60	<0.49	<0.91	<0.89	<0.89	<0.76	0.64 UJ	<0.53	<0.56	<0.56	<0.50	<0.67	<0.71	<0.63	<0.59
			9/24/2009 (FD)	<1.9	<0.14	<0.56	<0.50	<0.50	<0.62	<0.51	<0.95	**1.5 J**	<0.93	<0.79	0.67 UJ	<0.55	<0.59	<0.59	<0.53	<0.70	<0.74	<0.66	<0.61
	SA-101	0 - 1.5	9/25/2009	**4.7 J**	<0.12	<0.48	<0.43	<0.43	<0.54	<0.44	<0.82	**1.0 J**	<0.80	<0.68	0.58 UJ	<0.47	<0.50	<0.50	<0.45	<0.60	<0.64	<0.57	<0.53
		9.5 - 11	9/25/2009	<2.7	<0.20	<0.81	<0.72	<0.72	<0.90	<0.74	<1.4	<1.4	<1.4	<1.2	0.97 UJ	<0.79	<0.84	<0.84	<0.76	<1.0	<1.1	<0.95	<0.88
	SA-110	10 - 11.5	9/29/2009	<1.8	<0.13	<0.53	<0.47	<0.47	<0.59	<0.49	<0.90	<0.88	<0.88	<0.75	<0.64	<0.52	<0.56	<0.56	<0.50	<0.66	<0.70	<0.62	<0.58
	SA-111	1.5 - 3.5	10/05/2009	**8.1 J**	<0.12	<0.47	<0.42	<0.42	<0.52	<0.43	0.79 UJ	**1.1 J**	<0.77	<0.66	<0.56	0.46 UJ	<0.49	<0.49	<0.44	<0.58	<0.62	<0.55	<0.51
		10 - 12	10/05/2009	<1.4	<0.11	<0.42	<0.38	<0.38	<0.47	<0.39	0.72 UJ	**1.1 J**	<0.70	<0.60	<0.51	0.42 UJ	<0.44	<0.44	<0.40	<0.53	<0.56	<0.50	<0.46
	SA-120	0 - 1.5	9/28/2009	**6.5 J**	<0.11	<0.45	<0.40	<0.40	<0.49	<0.41	<0.75	<0.73	<0.73	<0.63	<0.53	<0.44	<0.47	<0.47	<0.42	<0.55	<0.59	<0.52	<0.48
		9.5 - 11	9/28/2009	**13 J**	<0.12	<0.48	<0.43	<0.43	<0.53	<0.44	<0.81	**1.7 J**	<0.79	<0.68	<0.57	<0.47	<0.50	<0.50	<0.45	<0.60	<0.64	<0.56	<0.52
	SA-135	1 - 2.5	9/08/2009	**8.0 J**	<0.12	<0.50	<0.44	<0.44	<0.55	<0.45	<0.84	**1.0 J**	<0.82	<0.70	<0.59	<0.49	<0.52	<0.52	<0.46	<0.61	<0.66	<0.58	<0.54
	SA-148	9.5 - 11	9/23/2009	<1.5	<0.11	<0.46	<0.41	<0.41	<0.51	<0.42	<0.77	<0.75	<0.75	<0.65	<0.55	<0.45	<0.48	<0.48	<0.43	<0.57	<0.61	<0.54	<0.50
	SA-169	9.5 - 11.5	10/02/2009	**45 J-**	0.13 UJ	**14 J-**	0.47 UJ	0.47 UJ	0.59 UJ	0.49 UJ	0.90 UJ	**9.0 J-**	0.87 UJ	0.75 UJ	0.63 UJ	0.52 UJ	0.55 UJ	0.55 UJ	**2.6 J-**	0.66 UJ	0.70 UJ	0.62 UJ	0.58 UJ
	SA-190	0 - 1.5	9/30/2009	**9.4 J**	<0.13	<0.51	<0.45	<0.45	<0.56	<0.47	<0.86	**1.0 J**	<0.84	<0.72	<0.61	<0.50	<0.53	<0.53	<0.48	<0.63	<0.67	<0.60	<0.55
		9.5 - 11	9/30/2009	**11 J**	<0.14	<0.59	<0.52	<0.52	<0.65	<0.54	<0.99	<0.97	<0.97	<0.83	<0.70	<0.57	<0.61	<0.61	**0.62 J**	<0.73	<0.78	<0.69	<0.64
	SA-191	0.5 - 2	9/29/2009	**22 J+**	<0.11	<0.46	<0.41	<0.41	<0.51	<0.42	<0.78	**1.5 J**	<0.76	<0.65	0.55 UJ	<0.45	<0.48	<0.48	<0.43	<0.57	<0.61	<0.54	<0.50
		10 - 11.5	9/29/2009	<1.8	<0.13	<0.55	<0.49	<0.49	<0.60	<0.50	<0.92	<0.90	<0.90	<0.77	0.65 UJ	<0.53	<0.57	<0.57	<0.51	<0.67	<0.72	<0.64	<0.59
	SA-192	1 - 2.5	10/07/2009	**17 J**	<0.16	<0.65	<0.58	<0.58	<0.72	<0.59	<1.1	<1.1	<1.1	<0.91	<0.77	<0.63	<0.68	<0.68	<0.61	<0.80	<0.86	<0.76	<0.70
	SA-193	0 - 1	9/29/2009	**22 J+**	<0.16	<0.64	<0.57	<0.57	<0.71	<0.59	<1.1	<1.1	<1.1	<0.91	0.77 UJ	<0.63	<0.67	<0.67	<0.60	<0.80	<0.85	<0.75	<0.70
		1.5 - 3	9/29/2009	<1.6	<0.12	<0.47	<0.42	<0.42	<0.52	<0.43	<0.79	<0.77	<0.77	<0.66	0.56 UJ	<0.46	<0.49	<0.49	<0.44	<0.58	<0.62	<0.55	<0.51
		9 - 10.5	9/29/2009	**9.3 J**	<0.12	<0.49	<0.44	<0.44	<0.54	<0.45	<0.83	**1.0 J**	<0.81	<0.69	0.59 UJ	<0.48	<0.51	<0.51	<0.46	<0.61	<0.65	<0.57	<0.53
			9/29/2009 (FD)	**2.6 J**	<0.11	<0.43	<0.39	<0.39	<0.48	<0.40	<0.73	**1.1 J**	<0.71	<0.61	0.52 UJ	<0.42	<0.45	<0.45	<0.41	<0.54	<0.57	<0.51	<0.47
	SA-205	1 - 2.5	9/24/2009	**5.1 J**	<0.12	<0.50	<0.45	<0.45	<0.56	<0.46	<0.85	<0.83	<0.83	<0.71	0.60 UJ	<0.49	<0.53	<0.53	<0.47	<0.62	<0.67	<0.59	<0.55
	SA-209	0.5 - 2	9/28/2009	**8.6 J**	<0.12	<0.48	<0.43	<0.43	<0.53	<0.44	<0.81	**1.4 J**	<0.79	<0.67	<0.57	<0.47	<0.50	<0.50	<0.45	<0.59	<0.63	<0.56	<0.52
		10 - 11.5	9/28/2009	**11 J+**	<0.12	<0.47	<0.42	<0.42	<0.52	<0.43	<0.79	<0.77	<0.77	<0.66	<0.56	<0.46	<0.49	<0.49	<0.44	<0.58	<0.62	<0.55	<0.51
			9/28/2009 (FD)	**11 J**	<0.12	<0.49	<0.44	<0.44	<0.55	<0.45	<0.83	**1.6 J**	<0.81	<0.69	<0.59	<0.48	<0.51	<0.51	<0.46	<0.61	<0.65	<0.58	<0.54
	SA-213	1 - 2.5	9/29/2009	<1.6	<0.12	<0.48	<0.43	<0.43	<0.53	<0.44	<0.81	**0.93 J**	<0.79	<0.67	<0.57	<0.47	<0.50	<0.50	<0.45	<0.59	<0.63	<0.56	<0.52
Phase 2 RI	RI-22	1 - 1.5	5/04/2017	**26**	<0.98	<0.49	<0.98	<0.98	<0.49	<0.98	<0.98	<4.9	<0.98	<0.98	<0.98	<0.49	<0.49	<0.98	<0.49	<0.98	<0.98	<0.98	<0.49
		5 - 5.5	5/04/2017	<7.7	<1.1	<0.57	<1.1	<1.1	<0.57	<1.1	<1.1	<5.7	<1.1	<1.1	<1.1	<0.57	<0.57	<1.1	<0.57	<1.1	<1.1	<1.1	<0.57
		10 - 10.5	5/04/2017	<8.1	<1.0	<0.51	<1.0	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<1.0	<1.0	<0.51	<0.51	<1.0	<0.51	<1.0	<1.0	<1.0	<0.51
	RI-27	1 - 1.5	5/19/2017	<7.8	<0.97	<0.49	<0.97	<0.97	<0.49	<0.97	<0.97	<4.9	<0.97	<0.97	<0.97	<0.49	<0.49	<0.97	<0.49	<0.97	<0.97	<0.97	<0.49
		5 - 5.5	5/19/2017	<7.8	<0.98	<0.49	<0.98	<0.98	<0.49	<0.98	<0.98	<4.9	<0.98	<0.98	<0.98	<0.49	<0.49	<0.98	<0.49	<0.98	<0.98	<0.98	<0.49
		10 - 10.5	5/19/2017	<7.8	<0.98	<0.49	<0.98	<0.98	<0.49	<0.98	<0.98	<4.9	<0.98	<0.98	<0.98	<0.49	<0.49	<0.98	<0.49	<0.98	<0.98	<0.98	<0.49
	RI-28	1 - 1.5	6/14/2017	<8.0	<1.0	<0.50	<1.0	<1.0	<0.50	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<0.50
		5 - 5.5	6/14/2017	<8.2	<1.0	<0.51	<1.0	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<1.0	<1.0	<0.51	<0.51	<1.0	<0.51	<1.0	<1.0	<1.0	<0.51
		10 - 10.5	6/14/2017	<8.7	<1.1	<0.55	<1.1	<1.1	<0.55	<1.1	<1.1	<5.5	<1.1	<1.1	<1.1	<0.55	<0.55	<1.1	<0.55	<1.1	<1.1	<1.1	<0.55

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-1d. SOIL ANALYTICAL RESULTS, ECA GROUP BW
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane	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
			HSSL:	147,000	64.9	43,300	168	98,900	376,000	373,000	11,500	368,000	15,800	2,100	20,000	400,000	304,000	11,700	26,000,000	--	--	--	--
Phase A	SA-4	10 - 11.5	11/14/2006	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	5.3 UJ	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
Phase B	RSAQ3	9.5 - 11	9/30/2009	<0.59	<0.63	<0.31	<0.28	<0.31	<0.36	<0.48	<0.64	<0.48	<0.42	<0.32	<0.34	<0.29	<0.48	<0.36	<0.33	<0.31	<0.37	<0.32	<0.34
	RSAR3	1 - 2.5	10/01/2009	<0.67	<0.72	<0.35	<0.32	<0.35	<0.41	<0.55	<0.73	<0.55	<0.48	<0.37	<0.39	<0.33	<0.55	<0.41	<0.38	<0.35	<0.42	<0.36	<0.39
	RSAR4	0.5 - 2	9/30/2009	<0.63	<0.67	<0.33	<0.30	<0.33	<0.38	<0.51	<0.68	<0.51	<0.45	<0.34	<0.36	<0.31	<0.51	<0.38	<0.35	<0.33	<0.39	<0.33	<0.36
		10 - 11.5	9/30/2009	<0.82	<0.89	<0.43	<0.39	<0.43	<0.50	<0.67	<0.90	<0.67	<0.59	<0.45	<0.48	<0.40	<0.67	<0.50	<0.46	<0.43	<0.52	<0.44	<0.48
			9/30/2009 (FD)	<0.75	<0.81	<0.39	<0.35	<0.39	<0.46	<0.61	<0.82	<0.61	<0.54	<0.41	<0.43	<0.36	<0.61	<0.46	<0.42	<0.39	<0.47	<0.40	<0.43
	SA-29	0.5 - 2	9/28/2009	<0.71	<0.76	<0.37	<0.33	<0.37	<0.43	<0.58	<0.77	<0.58	<0.51	<0.39	<0.41	<0.35	<0.58	<0.43	<0.40	<0.37	<0.44	<0.38	<0.41
		10 - 11.5	9/28/2009	<0.68	<0.74	<0.36	<0.32	<0.36	<0.42	<0.56	<0.75	<0.56	<0.49	<0.38	<0.40	<0.33	<0.56	<0.42	<0.39	<0.36	<0.43	<0.37	<0.40
	SA-84	10 - 11.5	9/24/2009	<0.75	0.81 UJ	<0.39	<0.35	<0.39	<0.46	<0.61	<0.82	<0.61	<0.54	<0.41	<0.43	<0.36	<0.61	<0.46	<0.42	<0.39	<0.47	<0.40	<0.43
			9/24/2009 (FD)	<0.78	0.84 UJ	<0.40	<0.37	<0.40	<0.48	<0.64	<0.85	<0.64	<0.56	<0.43	<0.45	<0.38	<0.64	<0.48	<0.44	<0.40	<0.49	<0.42	<0.45
	SA-101	0 - 1.5	9/25/2009	<0.67	0.72 UJ	<0.35	<0.32	<0.35	<0.41	<0.55	<0.73	<0.55	<0.48	<0.37	<0.39	<0.33	<0.55	<0.41	<0.38	<0.35	<0.42	<0.36	<0.39
		9.5 - 11	9/25/2009	<1.2	1.3 UJ	<0.58	<0.53	<0.58	<0.69	<0.91	<1.3	<0.91	<0.81	<0.62	<0.65	<0.55	<0.91	<0.69	<0.63	<0.58	<0.70	<0.60	<0.65
	SA-110	10 - 11.5	9/29/2009	<0.74	<0.80	<0.38	<0.35	<0.38	<0.45	<0.60	<0.81	<0.60	<0.53	<0.41	<0.43	<0.36	<0.60	<0.45	<0.42	<0.38	<0.46	<0.39	<0.43
	SA-111	1.5 - 3.5	10/05/2009	<0.65	<0.70	<0.34	<0.31	<0.34	<0.40	<0.53	<0.71	<0.53	<0.47	<0.36	<0.38	<0.32	<0.53	<0.40	<0.37	<0.34	<0.41	<0.35	<0.38
		10 - 12	10/05/2009	<0.59	<0.63	<0.31	<0.28	<0.31	<0.36	<0.48	<0.64	**0.58 J**	<0.42	<0.32	<0.34	<0.29	<0.48	<0.36	<0.33	<0.31	<0.37	<0.32	<0.34
	SA-120	0 - 1.5	9/28/2009	<0.62	<0.67	<0.32	<0.29	<0.32	<0.38	<0.50	<0.68	<0.50	<0.45	<0.34	<0.36	<0.30	<0.50	<0.38	<0.35	<0.32	<0.39	<0.33	<0.36
		9.5 - 11	9/28/2009	<0.67	<0.72	<0.35	<0.32	<0.35	<0.41	<0.54	<0.73	<0.54	<0.48	<0.37	<0.39	<0.33	<0.54	<0.41	<0.38	<0.35	<0.42	<0.36	<0.39
	SA-135	1 - 2.5	9/08/2009	<0.69	<0.74	<0.36	<0.33	<0.36	<0.42	<0.56	<0.75	<0.56	<0.50	<0.38	<0.40	<0.34	<0.56	<0.42	<0.39	<0.36	<0.43	<0.37	<0.40
	SA-148	9.5 - 11	9/23/2009	<0.64	<0.68	<0.33	<0.30	<0.33	<0.39	<0.52	<0.69	<0.52	<0.46	<0.35	<0.37	<0.31	<0.52	<0.39	<0.36	<0.33	<0.40	<0.34	<0.37
	SA-169	9.5 - 11.5	10/02/2009	0.74 UJ	0.79 UJ	0.38 UJ	0.35 UJ	0.38 UJ	0.45 UJ	0.60 UJ	0.81 UJ	0.60 UJ	0.53 UJ	0.41 UJ	0.43 UJ	0.36 UJ	0.60 UJ	0.45 UJ	0.42 UJ	0.38 UJ	0.46 UJ	0.39 UJ	0.43 UJ
	SA-190	0 - 1.5	9/30/2009	<0.71	<0.76	<0.37	<0.33	<0.37	<0.43	<0.58	<0.77	<0.58	<0.51	<0.39	<0.41	<0.35	<0.58	<0.43	<0.40	<0.37	<0.44	<0.38	<0.41
		9.5 - 11	9/30/2009	<0.82	<0.88	<0.42	<0.38	<0.42	<0.50	<0.66	<0.89	<0.66	<0.59	<0.45	<0.47	<0.40	<0.66	<0.50	<0.46	<0.42	<0.51	<0.44	<0.47
	SA-191	0.5 - 2	9/29/2009	<0.64	0.69 UJ	<0.33	<0.30	<0.33	<0.39	<0.52	<0.70	<0.52	<0.46	<0.35	<0.37	<0.31	<0.52	<0.39	<0.36	<0.33	<0.40	<0.34	<0.37
		10 - 11.5	9/29/2009	<0.76	0.82 UJ	<0.39	<0.36	<0.39	<0.46	<0.62	<0.83	<0.62	<0.55	<0.42	<0.44	<0.37	<0.62	<0.46	<0.43	<0.39	<0.48	<0.40	<0.44
	SA-192	1 - 2.5	10/07/2009	<0.90	<0.97	<0.47	<0.42	<0.47	<0.55	<0.73	<0.98	0.73 UJ	<0.65	<0.49	<0.52	<0.44	<0.73	<0.55	<0.51	<0.47	<0.56	<0.48	<0.52
	SA-193	0 - 1	9/29/2009	<0.89	0.96 UJ	<0.46	<0.42	<0.46	<0.55	<0.73	<0.98	<0.73	<0.64	<0.49	<0.52	<0.43	<0.73	<0.55	<0.50	<0.46	<0.56	<0.48	<0.52
		1.5 - 3	9/29/2009	<0.65	0.70 UJ	<0.34	<0.31	<0.34	<0.40	<0.53	<0.71	<0.53	<0.47	<0.36	<0.38	<0.32	<0.53	<0.40	<0.37	<0.34	<0.41	<0.35	<0.38
		9 - 10.5	9/29/2009	<0.68	0.73 UJ	<0.35	<0.32	<0.35	<0.42	<0.55	<0.74	<0.55	<0.49	<0.37	<0.40	<0.33	<0.55	<0.42	<0.38	<0.35	<0.43	<0.36	<0.40
			9/29/2009 (FD)	<0.60	0.65 UJ	<0.31	<0.28	<0.31	<0.37	<0.49	<0.66	<0.49	<0.43	<0.33	<0.35	<0.29	<0.49	<0.37	<0.34	<0.31	<0.38	<0.32	<0.35
	SA-205	1 - 2.5	9/24/2009	<0.70	0.75 UJ	<0.36	<0.33	<0.36	<0.43	<0.57	<0.77	<0.57	<0.50	<0.39	<0.41	<0.34	<0.57	<0.43	<0.40	<0.36	<0.44	<0.37	<0.41
	SA-209	0.5 - 2	9/28/2009	<0.66	<0.71	<0.34	<0.31	<0.34	<0.41	<0.54	<0.73	<0.54	<0.48	<0.37	<0.39	<0.32	<0.54	<0.41	<0.38	<0.34	<0.42	<0.35	<0.39
		10 - 11.5	9/28/2009	<0.65	<0.70	<0.34	<0.31	<0.34	<0.40	<0.53	<0.71	<0.53	<0.47	<0.36	<0.38	<0.32	<0.53	<0.40	<0.37	<0.34	<0.41	<0.35	<0.38
			9/28/2009 (FD)	<0.68	<0.74	<0.36	<0.32	<0.36	<0.42	<0.56	<0.75	<0.56	<0.49	<0.38	<0.40	<0.33	<0.56	<0.42	<0.39	<0.36	<0.43	<0.37	<0.40
	SA-213	1 - 2.5	9/29/2009	<0.66	<0.71	<0.34	<0.31	<0.34	<0.41	<0.54	<0.72	<0.54	<0.48	<0.36	<0.38	<0.32	<0.54	<0.41	<0.37	<0.34	<0.42	<0.35	<0.38
Phase 2 RI	RI-22	1 - 1.5	5/04/2017	<0.49	<2.0	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	0.98 UJ	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.98	<0.49	<0.49	<0.49
		5 - 5.5	5/04/2017	<0.57	<2.3	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	1.1 UJ	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<1.1	<0.57	<0.57	<0.57
		10 - 10.5	5/04/2017	<0.51	<2.0	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	1.0 UJ	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<1.0	<0.51	<0.51	<0.51
	RI-27	1 - 1.5	5/19/2017	<0.49	<1.9	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.97	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.97	<0.49	<0.49	<0.49
		5 - 5.5	5/19/2017	<0.49	<2.0	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.98	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.98	<0.49	<0.49	<0.49
		10 - 10.5	5/19/2017	<0.49	<2.0	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.98	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.98	<0.49	<0.49	<0.49
	RI-28	1 - 1.5	6/14/2017	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50
		5 - 5.5	6/14/2017	<0.51	<2.0	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<1.0	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<1.0	<0.51	<0.51	<0.51
		10 - 10.5	6/14/2017	<0.55	<2.2	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<1.1	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<1.1	<0.55	<0.55	<0.55

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-1d. SOIL ANALYTICAL RESULTS, ECA GROUP BW
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Diisopropyl ether	Ethyl benzene	Ethyl tert-butyl ether	Hexachlorobutadiene	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	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
			HSSL:	2,260,000	26,600	560,000	5,610	1,490,000	217,000	1,130,000	11,300	3,360,000	264,000	867,000	9,070	2,910	107,000	818,000	151,000	125,000	640,000	5,280	6,310
Phase A	SA-4	10 - 11.5	11/14/2006	<5.3	<5.3	<5.3	<5.3	11 UJ	<5.3	5.3 UJ	<5.3	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
Phase B	RSAQ3	9.5 - 11	9/30/2009	<0.22	<0.81	<0.22	<0.69	<0.65	<0.29	<0.35	<0.83	<0.60	<0.47	<0.42	<0.26	<0.37	<0.45	**0.37 J**	<0.66	<0.82	<0.20	<0.53	<0.37
	RSAR3	1 - 2.5	10/01/2009	<0.25	<0.92	<0.25	<0.78	<0.74	<0.33	<0.40	<0.95	<0.68	<0.54	<0.47	<0.30	<0.42	<0.51	**0.45 J**	<0.75	<0.93	<0.22	<0.61	<0.42
	RSAR4	0.5 - 2	9/30/2009	<0.24	<0.86	<0.24	<0.73	<0.69	<0.31	<0.37	<0.89	<0.64	<0.50	<0.44	<0.28	<0.39	<0.48	<0.32	<0.70	<0.87	<0.21	<0.57	<0.39
		10 - 11.5	9/30/2009	<0.31	<1.2	<0.31	<0.96	<0.91	<0.40	<0.49	<1.2	<0.83	<0.66	<0.58	<0.36	<0.52	<0.63	<0.41	<0.92	<1.2	<0.27	<0.75	<0.52
			9/30/2009 (FD)	<0.28	<1.1	<0.28	<0.88	<0.83	<0.36	<0.45	<1.1	<0.76	<0.60	<0.53	<0.33	<0.47	<0.57	<0.38	<0.84	<1.1	<0.25	<0.68	<0.47
	SA-29	0.5 - 2	9/28/2009	<0.27	<0.97	<0.27	<0.83	<0.79	<0.35	<0.42	<1.1	<0.72	<0.57	<0.50	<0.31	<0.44	<0.54	**0.37 J**	<0.80	<0.98	<0.24	<0.64	<0.44
		10 - 11.5	9/28/2009	<0.26	<0.94	<0.26	<0.80	<0.76	<0.33	**0.44 J**	<0.97	<0.69	<0.55	<0.48	<0.30	<0.43	<0.52	**0.83 J**	<0.77	<0.95	<0.23	<0.62	<0.43
	SA-84	10 - 11.5	9/24/2009	<0.28	<1.1	<0.28	0.88 UJ	<0.83	<0.36	<0.45	1.1 UJ	<0.76	<0.60	<0.53	<0.33	<0.47	<0.57	<0.38	<0.84	<1.1	<0.25	<0.68	<0.47
			9/24/2009 (FD)	<0.30	<1.1	<0.30	0.91 UJ	<0.87	<0.38	<0.47	1.2 UJ	<0.79	<0.62	<0.55	<0.34	<0.49	<0.60	<0.39	<0.88	<1.1	<0.26	<0.71	<0.49
	SA-101	0 - 1.5	9/25/2009	<0.25	<0.92	<0.25	0.79 UJ	<0.74	<0.33	**0.48 J**	0.95 UJ	<0.68	<0.54	<0.47	<0.30	<0.42	<0.52	**0.51 J**	<0.75	<0.93	<0.22	<0.61	<0.42
		9.5 - 11	9/25/2009	<0.42	<1.6	<0.42	1.4 UJ	<1.3	<0.55	<0.67	1.6 UJ	<1.2	<0.90	<0.79	<0.49	<0.70	<0.86	<0.56	<1.3	<1.6	<0.37	<1.1	<0.70
	SA-110	10 - 11.5	9/29/2009	<0.28	<1.1	<0.28	<0.86	<0.82	<0.36	<0.44	<1.1	<0.75	<0.59	<0.52	<0.33	<0.46	<0.57	<0.37	<0.83	<1.1	<0.25	<0.67	<0.46
	SA-111	1.5 - 3.5	10/05/2009	<0.25	<0.89	<0.25	<0.76	<0.72	<0.32	<0.39	<0.92	<0.66	<0.52	<0.46	<0.29	<0.41	<0.50	<0.33	<0.73	<0.90	<0.22	<0.59	<0.41
		10 - 12	10/05/2009	<0.22	<0.81	<0.22	<0.69	<0.65	<0.29	<0.35	<0.84	<0.60	<0.47	<0.42	<0.26	<0.37	<0.45	<0.30	<0.66	<0.82	<0.20	<0.53	<0.37
	SA-120	0 - 1.5	9/28/2009	<0.24	<0.85	<0.24	<0.72	<0.69	<0.30	<0.37	<0.88	<0.63	<0.49	<0.44	<0.27	<0.39	<0.47	**0.40 J**	<0.70	<0.86	<0.21	<0.56	<0.39
		9.5 - 11	9/28/2009	<0.25	<0.92	<0.25	<0.78	<0.74	<0.33	<0.40	<0.95	<0.68	<0.53	<0.47	<0.30	<0.42	<0.51	**0.86 J**	<0.75	<0.93	<0.22	<0.61	<0.42
	SA-135	1 - 2.5	9/08/2009	<0.26	<0.94	<0.26	<0.81	<0.76	<0.34	<0.41	<0.98	<0.70	<0.55	<0.49	<0.30	<0.43	<0.53	**2.4 J**	<0.77	<0.95	<0.23	<0.62	<0.43
	SA-148	9.5 - 11	9/23/2009	<0.24	<0.87	<0.24	<0.74	<0.70	<0.31	<0.38	<0.90	<0.65	<0.51	<0.45	<0.28	<0.40	<0.49	<0.32	<0.71	<0.88	<0.21	<0.58	<0.40
	SA-169	9.5 - 11.5	10/02/2009	0.28 UJ	1.1 UJ	0.28 UJ	0.86 UJ	0.82 UJ	0.36 UJ	0.44 UJ	1.1 UJ	**1.8 J-**	0.59 UJ	0.52 UJ	0.33 UJ	0.46 UJ	0.57 UJ	**2.4 J-**	0.83 UJ	1.1 UJ	0.25 UJ	0.67 UJ	0.46 UJ
	SA-190	0 - 1.5	9/30/2009	<0.27	<0.97	<0.27	<0.83	<0.78	<0.35	<0.42	<1.0	<0.72	<0.56	<0.50	<0.31	<0.44	<0.54	<0.36	<0.79	<0.98	<0.24	<0.64	<0.44
		9.5 - 11	9/30/2009	<0.31	<1.2	<0.31	<0.95	<0.90	<0.40	<0.49	<1.2	<0.83	<0.65	<0.57	<0.36	<0.51	<0.63	**0.44 J**	<0.92	<1.2	<0.27	<0.74	<0.51
	SA-191	0.5 - 2	9/29/2009	<0.24	<0.88	<0.24	0.75 UJ	<0.71	<0.31	<0.38	<0.91	<0.65	<0.51	<0.45	0.28 UJ	<0.40	<0.49	**0.43 J**	<0.72	<0.89	<0.21	<0.58	<0.40
		10 - 11.5	9/29/2009	<0.29	<1.1	<0.29	0.89 UJ	<0.84	<0.37	<0.45	<1.1	<0.77	<0.60	<0.53	0.33 UJ	<0.48	<0.58	<0.38	<0.85	<1.1	<0.25	<0.69	<0.48
	SA-192	1 - 2.5	10/07/2009	<0.34	<1.3	<0.34	<1.1	<1.0	<0.44	<0.54	<1.3	<0.91	<0.72	<0.63	<0.40	<0.56	<0.69	<0.45	<1.1	<1.3	<0.30	<0.82	<0.56
	SA-193	0 - 1	9/29/2009	<0.34	<1.3	<0.34	1.1 UJ	<0.99	<0.43	<0.53	<1.3	<0.91	<0.71	<0.63	0.39 UJ	<0.56	<0.68	<0.50	<1.0	<1.3	<0.30	<0.81	<0.56
		1.5 - 3	9/29/2009	<0.25	<0.90	<0.25	0.76 UJ	<0.72	<0.32	<0.39	<0.93	<0.66	<0.52	<0.46	0.29 UJ	<0.41	<0.50	**0.45 J**	<0.73	<0.91	<0.22	<0.59	<0.41
		9 - 10.5	9/29/2009	<0.26	<0.93	<0.26	0.80 UJ	<0.75	<0.33	<0.41	<0.96	<0.69	<0.54	<0.48	0.30 UJ	<0.43	<0.52	**0.45 J**	<0.76	<0.94	<0.23	<0.62	<0.43
			9/29/2009 (FD)	<0.23	<0.82	<0.23	0.70 UJ	<0.67	<0.29	<0.36	<0.85	<0.61	<0.48	<0.42	0.27 UJ	<0.38	<0.46	<0.30	<0.68	<0.83	<0.20	<0.55	<0.38
	SA-205	1 - 2.5	9/24/2009	<0.27	<0.96	<0.27	0.82 UJ	<0.78	<0.34	<0.42	<0.99	<0.71	<0.56	<0.49	<0.31	<0.44	<0.54	**0.38 J**	<0.79	<0.97	<0.23	<0.63	<0.44
	SA-209	0.5 - 2	9/28/2009	<0.25	<0.91	<0.25	<0.78	<0.74	<0.32	<0.40	<0.94	<0.67	<0.53	<0.47	<0.29	<0.42	<0.51	**0.86 J**	<0.75	<0.92	<0.22	<0.60	<0.42
		10 - 11.5	9/28/2009	<0.25	<0.89	<0.25	<0.76	<0.72	<0.32	**0.45 J**	<0.92	<0.66	<0.52	<0.46	<0.29	<0.41	<0.50	**0.70 J**	<0.73	<0.90	<0.22	<0.59	<0.41
			9/28/2009 (FD)	<0.26	<0.94	<0.26	<0.80	<0.76	<0.33	<0.41	<0.97	<0.69	<0.55	<0.48	<0.30	<0.43	<0.52	**0.89 J**	<0.77	<0.95	<0.23	<0.62	<0.43
	SA-213	1 - 2.5	9/29/2009	<0.25	<0.91	<0.25	<0.77	<0.73	<0.32	<0.40	<0.94	<0.67	<0.53	<0.47	<0.29	<0.42	<0.51	**0.52 J**	<0.74	<0.92	<0.22	<0.60	<0.42
Phase 2 RI	RI-22	1 - 1.5	5/04/2017	<0.98	**1.0**	<0.98	<0.98	<4.9	<0.98	<4.9	<0.98	<2.5	<0.49	<0.49	<0.98	<0.98	<0.49	<0.49	<0.98	<0.98	<0.49	<0.49	<0.49
		5 - 5.5	5/04/2017	<1.1	<0.57	<1.1	<1.1	<5.7	<1.1	<5.7	<1.1	<2.8	<0.57	<0.57	<1.1	<1.1	<0.57	<0.57	<1.1	<1.1	<0.57	<0.57	<0.57
		10 - 10.5	5/04/2017	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<5.1	<1.0	<2.5	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<0.51
	RI-27	1 - 1.5	5/19/2017	<0.97	<0.49	<0.97	<0.97	<4.9	<0.97	<4.9	<0.97	<2.4	<0.49	<0.49	<0.97	<0.97	<0.49	<0.49	<0.97	<0.97	<0.49	<0.49	<0.49
		5 - 5.5	5/19/2017	<0.98	<0.49	<0.98	<0.98	<4.9	<0.98	<4.9	<0.98	<2.5	<0.49	<0.49	<0.98	<0.98	<0.49	<0.49	<0.98	<0.98	<0.49	<0.49	<0.49
		10 - 10.5	5/19/2017	<0.98	<0.49	<0.98	<0.98	<4.9	<0.98	<4.9	<0.98	<2.4	<0.49	<0.49	<0.98	<0.98	<0.49	<0.49	<0.98	<0.98	<0.49	<0.49	<0.49
	RI-28	1 - 1.5	6/14/2017	<1.0	<0.50	<1.0	<1.0	<5.0	<1.0	<5.0	<1.0	<2.5	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50
		5 - 5.5	6/14/2017	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<5.1	<1.0	<2.5	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<0.51
		10 - 10.5	6/14/2017	<1.1	<0.55	<1.1	<1.1	<5.5	<1.1	<5.5	<1.1	<2.7	<0.55	<0.55	<1.1	<1.1	<0.55	<0.55	<1.1	<1.1	<0.55	<0.55	<0.55

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-1d. SOIL ANALYTICAL RESULTS, ECA GROUP BW
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)								
				Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	Xylenes (total)	tert Butyl alcohol
			HSSL:	1,230,000	121	219,000	182,000	1,870	--	434,000	260,000	7,270,000
Phase A	SA-4	10 - 11.5	11/14/2006	5.3 UJ	<5.3	<5.3	<5.3	<5.3	--	--	<11	5.3 UJ
Phase B	RSAQ3	9.5 - 11	9/30/2009	<0.31	<0.49	<0.57	<0.48	<0.43	<0.85	<0.58	--	<6.4
	RSAR3	1 - 2.5	10/01/2009	<0.35	<0.56	<0.65	<0.55	<0.49	<0.97	<0.66	--	<7.3
	RSAR4	0.5 - 2	9/30/2009	<0.33	<0.52	<0.61	<0.51	<0.46	<0.91	<0.62	--	<6.8
		10 - 11.5	9/30/2009	<0.43	<0.68	<0.80	<0.67	<0.61	<1.2	<0.81	--	<9.0
			9/30/2009 (FD)	<0.39	<0.62	<0.72	<0.61	<0.55	<1.1	<0.74	--	<8.2
	SA-29	0.5 - 2	9/28/2009	<0.37	<0.59	<0.69	<0.58	<0.52	<1.1	<0.70	--	<7.7
		10 - 11.5	9/28/2009	<0.36	<0.57	<0.66	<0.56	<0.50	<0.99	<0.67	--	<7.5
	SA-84	10 - 11.5	9/24/2009	<0.39	0.62 UJ	<0.72	<0.61	<0.55	<1.1	<0.74	--	<8.2
			9/24/2009 (FD)	<0.40	0.65 UJ	<0.76	<0.64	<0.57	<1.2	<0.77	--	<8.5
	SA-101	0 - 1.5	9/25/2009	<0.35	0.56 UJ	<0.65	<0.55	<0.49	<0.97	<0.66	--	<7.3
		9.5 - 11	9/25/2009	<0.58	0.93 UJ	<1.1	<0.91	<0.83	<1.7	<1.2	--	<13
	SA-110	10 - 11.5	9/29/2009	**0.86 J**	<0.61	<0.72	<0.60	<0.54	<1.1	<0.73	--	<8.1
	SA-111	1.5 - 3.5	10/05/2009	<0.34	<0.54	<0.63	<0.53	<0.48	<0.94	<0.64	--	<7.1
		10 - 12	10/05/2009	<0.31	<0.49	<0.57	<0.48	<0.43	<0.85	<0.58	--	<6.4
	SA-120	0 - 1.5	9/28/2009	<0.32	<0.51	<0.60	<0.50	<0.46	<0.90	<0.61	--	<6.8
		9.5 - 11	9/28/2009	<0.35	<0.55	<0.65	<0.54	<0.49	<0.97	<0.66	--	<7.3
	SA-135	1 - 2.5	9/08/2009	<0.36	<0.57	<0.67	<0.56	<0.51	<1.0	<0.68	--	<7.5
	SA-148	9.5 - 11	9/23/2009	<0.33	<0.53	<0.62	<0.52	<0.47	<0.92	<0.63	--	<6.9
	SA-169	9.5 - 11.5	10/02/2009	0.38 UJ	0.61 UJ	0.71 UJ	0.60 UJ	0.54 UJ	**5.3 J-**	0.73 UJ	--	8.1 UJ
	SA-190	0 - 1.5	9/30/2009	<0.37	<0.59	<0.69	<0.58	<0.52	<1.1	<0.70	--	<7.7
		9.5 - 11	9/30/2009	<0.42	<0.68	<0.79	<0.66	<0.60	<1.2	<0.80	--	<8.9
	SA-191	0.5 - 2	9/29/2009	<0.33	<0.53	<0.62	<0.52	<0.47	<0.93	<0.63	--	<7.0
		10 - 11.5	9/29/2009	<0.39	<0.63	<0.73	<0.62	<0.56	<1.1	<0.75	--	<8.3
	SA-192	1 - 2.5	10/07/2009	<0.47	<0.75	<0.87	<0.73	<0.66	<1.4	<0.89	--	<9.8
	SA-193	0 - 1	9/29/2009	<0.46	<0.74	<0.86	<0.73	<0.66	<1.3	<0.88	--	<9.8
		1.5 - 3	9/29/2009	<0.34	<0.54	<0.63	<0.53	<0.48	<0.95	<0.64	--	<7.1
		9 - 10.5	9/29/2009	<0.35	<0.56	<0.66	<0.55	<0.50	<0.99	<0.67	--	<7.4
			9/29/2009 (FD)	<0.31	<0.50	<0.58	<0.49	<0.44	<0.87	<0.59	--	<6.6
	SA-205	1 - 2.5	9/24/2009	<0.36	0.58 UJ	<0.68	<0.57	<0.52	<1.1	<0.69	--	<7.7
	SA-209	0.5 - 2	9/28/2009	<0.34	<0.55	<0.64	<0.54	<0.49	<0.96	<0.65	--	<7.3
		10 - 11.5	9/28/2009	<0.34	<0.54	<0.63	<0.53	<0.48	<0.94	<0.64	--	<7.1
			9/28/2009 (FD)	<0.36	<0.57	<0.66	<0.56	<0.50	<0.99	<0.67	--	<7.5
	SA-213	1 - 2.5	9/29/2009	<0.34	<0.55	<0.64	<0.54	<0.49	<0.96	<0.65	--	<7.2
Phase 2 RI	RI-22	1 - 1.5	5/04/2017	<0.98	<0.98	<0.98	<0.98	<0.98	**4.6**	**1.7**	--	<9.8
		5 - 5.5	5/04/2017	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.57	--	<11
		10 - 10.5	5/04/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.51	--	<10
	RI-27	1 - 1.5	5/19/2017	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.49	--	<9.7
		5 - 5.5	5/19/2017	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.49	--	<9.8
		10 - 10.5	5/19/2017	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.49	--	<9.8
	RI-28	1 - 1.5	6/14/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	--	<10
		5 - 5.5	6/14/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.51	--	<10
		10 - 10.5	6/14/2017	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.55	--	<11

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-1e. SOIL ANALYTICAL RESULTS, ECA GROUP BW
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Acenaphthene	Acenaphthylene	Aniline	Anthracene	Benzidine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	Benzyl alcohol	4-Bromophenyl-phenyl ether	Butylbenzylphthalate	4-Chloroaniline	2-Chloronaphthalene	2-Chlorophenol	4-Chlorophenyl-phenyl ether	Chrysene	Di-n-butylphthalate
			HSSL:	118,000	44,000	619,000	4,260	15.3	9,980	3,500	35,000	25,100,000	350,000	100,000,000	91,200,000	--	1,860,000	17,600	175,000	6,490,000	--	3,500,000	91,200,000
Phase A	SA-4	10 - 11.5	11/14/2006	<350	<350	--	<350	--	<350	<350	<350	<350	<350	--	--	--	<350	--	--	--	--	<350	<350
Phase B	RSAQ3	9.5 - 11	9/30/2009	<1.1	<0.78	--	<1.3	--	<0.60	<0.71	<1.2	<1.3	<0.87	--	--	--	<2.5	--	--	--	--	<1.1	<35
	RSAR3	1 - 2.5	10/01/2009	<1.1	<0.79	--	<1.3	--	<0.62	<0.72	<1.2	<1.3	<0.89	--	--	--	<2.5	--	--	--	--	<1.1	<36
	RSAR4	0.5 - 2	9/30/2009	<1.1	<0.77	--	<1.3	--	**12**	**14**	**16**	**13**	**15**	--	--	--	<2.5	--	--	--	--	**18**	**77 J**
		10 - 11.5	9/30/2009	<1.1	<0.78	--	<1.3	--	<0.60	<0.71	<1.2	<1.3	<0.87	--	--	--	<2.5	--	--	--	--	<1.1	**50 J**
			9/30/2009 (FD)	<1.1	<0.78	--	<1.3	--	<0.60	<0.71	<1.2	<1.3	<0.87	--	--	--	<2.5	--	--	--	--	<1.1	**43 J**
	SA-29	0.5 - 2	9/28/2009	<1.1	<0.77	--	<1.3	--	**3.9 J**	**4.2 J**	**7.8**	**6.3 J**	**6.7 J**	--	--	--	<2.4	--	--	--	--	**5.6 J**	<34
		10 - 11.5	9/28/2009	<2.1	<1.6	--	<2.5	--	**15**	**16**	**21**	**19**	**17**	--	--	--	<4.9	--	--	--	--	**21**	<69
	SA-84	10 - 11.5	9/24/2009	<1.1	<0.78	--	<1.3	--	<0.60	<0.71	<1.2	<1.3	<0.87	--	--	--	<2.5	--	--	--	--	<1.1	**46 J**
			9/24/2009 (FD)	<1.1	<0.78	--	<1.3	--	<0.61	<0.71	<1.2	<1.3	<0.88	--	--	--	<2.5	--	--	--	--	<1.1	**78 J**
	SA-101	0 - 1.5	9/25/2009	<1.1	<0.79	--	<1.3	--	**7.6**	**11**	**16**	**11**	**10**	--	--	--	<2.5	--	--	--	--	**11**	**53 J**
		9.5 - 11	9/25/2009	<2.2	<1.6	--	<2.6	--	<1.3	<1.5	<2.4	<2.6	<1.8	--	--	--	<5.0	--	--	--	--	<2.1	**600**
	SA-110	10 - 11.5	9/29/2009	<1.1	<0.78	--	<1.3	--	<0.61	<0.71	<1.2	<1.3	<0.88	--	--	--	<2.5	--	--	--	--	<1.1	**47 J**
	SA-111	1.5 - 3.5	10/05/2009	<1.1	<0.78	--	<1.3	--	**7.9**	**6.8 J**	**10**	**6.1 J**	**5.7 J**	--	--	--	<2.5	--	--	--	--	**11**	**67 J**
		10 - 12	10/05/2009	<1.1	**2.9 J**	--	**4.3 J**	--	**60**	**54**	**83**	**53**	**61**	--	--	--	<2.5	--	--	--	--	**90**	**110 J**
	SA-120	0 - 1.5	9/28/2009	<1.1	<0.78	--	<1.3	--	**4.0 J**	**4.3 J**	**5.4 J**	**4.3 J**	**5.0 J**	--	--	--	<2.5	--	--	--	--	**5.7 J**	<35
		9.5 - 11	9/28/2009	<1.1	<0.77	--	<1.3	--	<0.60	<0.70	<1.2	<1.3	<0.87	--	--	--	<2.5	--	--	--	--	<1.1	<35
	SA-135	1 - 2.5	9/08/2009	<3.2	<2.4	--	<3.7	--	<1.8	<2.1	<3.5	<3.8	<2.6	--	--	--	<7.3	--	--	--	--	**12 J**	<110
	SA-148	9.5 - 11	9/23/2009	<1.1	<0.78	--	<1.3	--	**3.2 J**	<0.71	<1.2	**3.2 J**	<0.87	--	--	--	<2.5	--	--	--	--	**6.8 J**	**41 J**
	SA-169	9.5 - 11.5	10/02/2009	<22	<16	--	<25	--	**94 J**	<15	<24	**72 J**	<18	--	--	--	<49	--	--	--	--	**210**	<700
	SA-190	0 - 1.5	9/30/2009	<11	**52 J**	--	**80**	--	**270**	**230**	**290**	**330**	**260**	--	--	--	<24	--	--	--	--	**360**	<340
		9.5 - 11	9/30/2009	<1.1	<0.78	--	<1.3	--	<0.61	<0.71	<1.2	<1.3	<0.88	--	--	--	<2.5	--	--	--	--	<1.1	**47 J**
	SA-191	0.5 - 2	9/29/2009	<1.1	<0.76	--	<1.3	--	**2.1 J**	<0.69	**4.9 J**	**4.2 J**	**4.2 J**	--	--	--	<2.4	--	--	--	--	**4.5 J**	**40 J**
		10 - 11.5	9/29/2009	<1.1	<0.77	--	<1.3	--	**2.8 J**	<0.70	**3.2 J**	<1.3	**2.5 J**	--	--	--	<2.5	--	--	--	--	**3.9 J**	**65 J**
	SA-192	1 - 2.5	10/07/2009	<1.1	<0.77	--	<1.3	--	<0.60	<0.70	<1.2	<1.3	<0.86	--	--	--	<2.5	--	--	--	--	<1.1	**74 J**
	SA-193	0 - 1	9/29/2009	<1.1	**8.8**	--	**12**	--	**130**	**120**	**220**	**120**	**90**	--	--	--	<2.4	--	--	--	--	**190**	<34
		1.5 - 3	9/29/2009	<2.1	<1.6	--	<2.5	--	**11 J**	**15**	**19**	**17**	**14 J**	--	--	--	<4.9	--	--	--	--	**21**	<69
		9 - 10.5	9/29/2009	<1.1	<0.78	--	<1.3	--	**3.6 J**	<0.71	**5.7 J**	<1.3	**5.0 J**	--	--	--	<2.5	--	--	--	--	**5.7 J**	<35
			9/29/2009 (FD)	<1.1	<0.78	--	<1.3	--	**2.1 J**	<0.71	<1.2	<1.3	<0.87	--	--	--	<2.5	--	--	--	--	**2.9 J**	<35
	SA-205	1 - 2.5	9/24/2009	<1.1	<0.79	--	<1.3	--	**4.0 J**	**5.1 J**	**5.8 J**	**7.2**	**6.2 J**	--	--	--	<2.5	--	--	--	--	**4.0 J**	<35
	SA-209	0.5 - 2	9/28/2009	<1.1	<0.77	--	<1.3	--	<0.60	<0.70	<1.2	<1.3	<0.86	--	--	--	<2.5	--	--	--	--	<1.1	**42 J**
		10 - 11.5	9/28/2009	<1.1	<0.78	--	<1.3	--	<0.60	<0.71	<1.2	<1.3	<0.87	--	--	--	<2.5	--	--	--	--	<1.1	**81 J**
			9/28/2009 (FD)	<1.1	<0.78	--	<1.3	--	<0.60	<0.71	<1.2	<1.3	<0.87	--	--	--	<2.5	--	--	--	--	<1.1	<35
	SA-213	1 - 2.5	9/29/2009	<1.1	<0.80	--	<1.3	--	**3.3 J**	**5.5 J**	**5.2 J**	**8.5**	**5.5 J**	--	--	--	<2.5	--	--	--	--	**4.8 J**	<36
Pre-Excavation	RSAQ3	1.5 - 2.5	4/28/2010	<11	<18	--	<18	--	**32 J**	**28 J**	**76 J**	**35 J**	42 UJ	--	--	--	<46	--	--	--	--	**54 J**	<31
		2.5 - 3.5	4/06/2010	<11	<18	--	<18	--	<22	<22	<28	<17	<43	--	--	--	<47	--	--	--	--	<29	<32
			4/06/2010 (FD)	<10	<17	--	<17	--	<20	<20	<27	<16	<41	--	--	--	<44	--	--	--	--	<28	<30
		4.5 - 5.5	4/06/2010	<11	<18	--	<18	--	**110 J**	**120 J**	**320 J**	**130 J**	<42	--	--	--	<46	--	--	--	--	**200 J**	<31
	SSAQ3-02	0	9/08/2010	<11	<19	--	<19	--	<22	<22	**31 J**	**19 J**	44 UJ	--	--	--	<47	--	--	--	--	<30	<32
			9/08/2010 (FD)	<11	<18	--	<18	--	<21	<21	<28	<17	<43	--	--	--	<46	--	--	--	--	<29	<31
	SSAQ3-03	0	8/09/2010	<54	<90	--	<90	--	<110	<110	<140	<84	<210	--	--	--	<230	--	--	--	--	<140	<150
		2.5 - 3.5	8/09/2010	<11	<19	--	<19	--	**25 J**	<22	**38 J**	<18	44 UJ	--	--	--	<48	--	--	--	--	**32 J**	<32
		7.5 - 8.5	8/09/2010	<11	<18	--	<18	--	**24 J**	<21	<28	<17	<42	--	--	--	<45	--	--	--	--	<28	<31
	SSAQ4-08	1.5 - 2.5	8/09/2010	<11	<17	--	<17	--	**51 J**	**45 J**	**89 J**	**29 J**	41 UJ	--	--	--	<44	--	--	--	--	**63 J**	<30
		6.5 - 7.5	8/09/2010	<11	<18	--	<18	--	<21	<21	<28	<17	<43	--	--	--	<46	--	--	--	--	<29	<31
			8/09/2010 (FD)	<11	<18	--	<18	--	<21	<21	<28	<17	<43	--	--	--	<46	--	--	--	--	<29	<31
	SSAR3-01	1 - 2	5/25/2010	<11	<18	--	<18	--	**370**	**260 J**	**520 J**	**130 J**	43 UJ	--	--	--	<46	--	--	--	--	**390**	<31
		2 - 3	6/24/2010	<12	<21	--	<21	--	<24	<24	<32	<19	<48	--	--	--	<52	--	--	--	--	<33	<35
		3 - 4	6/24/2010	<11	<18	--	<18	--	<21	<21	<28	<17	<43	--	--	--	<46	--	--	--	--	<29	<31
		4 - 5	6/24/2010	<11	<18	--	<18	--	<22	<22	<28	<17	<43	--	--	--	<46	--	--	--	--	<29	<31

Table A-1e. SOIL ANALYTICAL RESULTS, ECA GROUP BW
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Acenaphthene	Acenaphthylene	Aniline	Anthracene	Benzidine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	Benzyl alcohol	4-Bromophenyl-phenyl ether	Butylbenzylphthalate	4-Chloroaniline	2-Chloronaphthalene	2-Chlorophenol	4-Chlorophenyl-phenyl ether	Chrysene	Di-n-butylphthalate
			HSSL:	118,000	44,000	619,000	4,260	15.3	9,980	3,500	35,000	25,100,000	350,000	100,000,000	91,200,000	--	1,860,000	17,600	175,000	6,490,000	--	3,500,000	91,200,000
Pre-Excavation	SSAR3-01	5 - 6	5/25/2010	<11	<19	--	<19	--	**73 J**	**45 J**	**88 J**	**22 J**	44 UJ	--	--	--	<47	--	--	--	--	**67 J**	<32
	SSAR4-04	0 - 1	6/24/2010	<11	<18	--	<18	--	<21	<21	<28	<17	<42	--	--	--	<45	--	--	--	--	<29	<31
			6/24/2010 (FD)	<10	<17	--	<17	--	<20	<20	<27	<16	<41	--	--	--	<44	--	--	--	--	<27	<29
		2 - 3	6/24/2010	<11	<18	--	<18	--	<21	<21	<28	<17	<43	--	--	--	<46	--	--	--	--	<29	<31
		4 - 5	6/24/2010	<11	<18	--	<18	--	<21	<21	<28	<17	<43	--	--	--	<46	--	--	--	--	<29	<31
		6 - 7	6/24/2010	<11	<18	--	<18	--	<21	<21	<28	<17	<43	--	--	--	<46	--	--	--	--	<29	<31
		8 - 9	6/24/2010	<11	<18	--	<18	--	<21	<21	<28	<17	<43	--	--	--	<46	--	--	--	--	<29	<31
Phase 2 RI	RI-22	1 - 1.5	5/04/2017	<70	<73	<89	<84	--	<73	<70	<73	<120	<73	<360	160 UJ	<79	<84	<140	<70	<73	<89	<79	<94
		5 - 5.5	5/04/2017	<72	<75	<91	<86	710 UJ	<75	<72	<75	<120	<75	<360	<160	<80	<86	<140	<72	<75	<91	<80	<96
		10 - 10.5	5/04/2017	<72	<75	<91	<86	710 UJ	<75	<72	<75	<120	<75	<360	<160	<80	<86	<140	<72	<75	<91	<80	<96
	RI-27	1 - 1.5	5/19/2017	<140	<150	<180	<170	1,400 UJ	<150	<140	<150	<240	<150	<730	<320	<160	<170	<290	<140	<150	<180	<160	<190
		5 - 5.5	5/19/2017	<150	<160	<190	<180	1,500 UJ	<160	<150	<160	<250	<160	<760	<340	<170	<180	<300	<150	<160	<190	<170	<200
		10 - 10.5	5/19/2017	<150	<160	<190	<180	1,500 UJ	<160	<150	<160	<250	<160	<760	<340	<170	<180	<300	<150	<160	<190	<170	<200
	RI-28	1 - 1.5	6/14/2017	<730	<770	<930	<870	<7,200	**920 J**	**870 J**	**1,400 J**	<1,200	<770	<3,700	<1,600	<820	<870	<1,500	<730	<770	<930	<820	<980
		5 - 5.5	6/14/2017	<71	<74	<90	<85	<700	<74	<71	<74	<120	<74	<360	<160	<80	<85	<140	<71	<74	<90	<80	<95
		10 - 10.5	6/14/2017	<73	<76	<92	<87	<720	<76	<73	<76	<120	<76	<370	<160	<82	<87	<140	<73	<76	<92	<82	<98

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-1e. SOIL ANALYTICAL RESULTS, ECA GROUP BW
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Di-n-octylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	3,3'-Dichlorobenzidine	2,4-Dichlorophenol	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,4-Dioxane	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorocyclo pentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	1-Methylnaphthalene
			HSSL:	9,120,000	3,500	171,000	7,840	2,740,000	100,000,000	18,200,000	100,000,000	1,820,000	11,400	2,350	27,200	33,500,000	93,100	231	7,460	8,470	35,000	3,710,000	770
Phase A	SA-4	10 - 11.5	11/14/2006	<350	<350	--	--	--	<350	--	<350	--	--	--	<350	<350	<350	<350	--	--	<350	--	--
Phase B	RSAQ3	9.5 - 11	9/30/2009	<1.2	<0.81	--	--	--	<130	--	<0.93	--	--	--	<5.2	<1.5	<0.72	<0.88	--	--	<0.93	--	--
	RSAR3	1 - 2.5	10/01/2009	<1.2	<0.82	--	--	--	<130	--	<0.95	--	--	--	<5.3	<1.5	<0.74	**8.8**	--	--	<0.95	--	--
	RSAR4	0.5 - 2	9/30/2009	<1.2	**4.6 J**	--	--	--	<130	--	<0.93	--	--	--	<5.2	**22**	<0.72	**16**	--	--	**12**	--	--
		10 - 11.5	9/30/2009	<1.2	<0.81	--	--	--	<130	--	<0.93	--	--	--	<5.2	<1.5	<0.72	<0.88	--	--	<0.93	--	--
			9/30/2009 (FD)	<1.2	<0.81	--	--	--	<130	--	<0.93	--	--	--	<5.2	<1.5	<0.73	<0.88	--	--	<0.93	--	--
	SA-29	0.5 - 2	9/28/2009	<1.2	<0.80	--	--	--	<130	--	<0.92	--	--	--	<5.1	**8.8**	<0.71	**27**	--	--	<0.92	--	--
		10 - 11.5	9/28/2009	<2.3	<1.7	--	--	--	<250	--	<1.9	--	--	--	<11	**28**	<1.5	**190**	--	--	**14 J**	--	--
	SA-84	10 - 11.5	9/24/2009	<1.2	<0.81	--	--	--	<130	--	<0.93	--	--	--	<5.2	<1.5	<0.73	<0.88	--	--	<0.93	--	--
			9/24/2009 (FD)	<1.2	<0.81	--	--	--	<130	--	<0.94	--	--	--	<5.2	<1.5	<0.73	<0.89	--	--	<0.94	--	--
	SA-101	0 - 1.5	9/25/2009	<1.2	<0.82	--	--	--	<130	--	<0.94	--	--	--	<5.3	**15**	<0.73	<0.89	--	--	**10**	--	--
		9.5 - 11	9/25/2009	<2.3	<1.7	--	--	--	<250	--	<1.9	--	--	--	<11	<3.0	<1.5	<1.8	--	--	<1.9	--	--
	SA-110	10 - 11.5	9/29/2009	<1.2	<0.81	--	--	--	<130	--	<0.94	--	--	--	<5.2	<1.5	<0.73	<0.89	--	--	<0.94	--	--
	SA-111	1.5 - 3.5	10/05/2009	<1.2	<0.81	--	--	--	<130	--	<0.93	--	--	--	<5.2	**15**	<0.72	<0.88	--	--	**5.0 J**	--	--
		10 - 12	10/05/2009	<1.2	**16**	--	--	--	<130	--	<0.95	--	--	--	<5.3	**150**	<0.73	<0.89	--	--	**48**	--	--
	SA-120	0 - 1.5	9/28/2009	<1.2	<0.81	--	--	--	<130	--	<0.94	--	--	--	<5.2	**8.3**	<0.73	**290**	--	--	**4.3 J**	--	--
		9.5 - 11	9/28/2009	<1.2	<0.80	--	--	--	<130	--	<0.93	--	--	--	<5.2	<1.5	<0.72	<0.88	--	--	<0.93	--	--
	SA-135	1 - 2.5	9/08/2009	<3.4	<2.4	--	--	--	<370	--	<2.8	--	--	--	<16	**5.3 J**	<2.2	**15 J**	--	--	<2.8	--	--
	SA-148	9.5 - 11	9/23/2009	<1.2	<0.81	--	--	--	<130	--	<0.93	--	--	--	<5.2	**5.4 J**	<0.72	<0.88	--	--	<0.93	--	--
	SA-169	9.5 - 11.5	10/02/2009	<23	<17	--	--	--	<2,500	--	<19	--	--	--	<110	**190**	<15	**190**	--	--	**58 J**	--	--
	SA-190	0 - 1.5	9/30/2009	<11	**87**	--	--	--	<1,200	--	<9.1	--	--	--	<51	**500**	<7.1	**42 J**	--	--	**220**	--	--
		9.5 - 11	9/30/2009	<1.2	<0.81	--	--	--	<130	--	<0.94	--	--	--	<5.2	<1.5	<0.73	<0.89	--	--	<0.94	--	--
	SA-191	0.5 - 2	9/29/2009	<1.1	<0.79	--	--	--	<120	--	<0.91	--	--	--	<5.1	**4.9 J**	<0.71	<0.86	--	--	**2.8 J**	--	--
		10 - 11.5	9/29/2009	<1.2	<0.80	--	--	--	<130	--	<0.93	--	--	--	<5.2	**3.2 J**	<0.72	<0.88	--	--	<0.93	--	--
	SA-192	1 - 2.5	10/07/2009	<1.2	<0.80	--	--	--	<130	--	<0.93	--	--	--	<5.2	<1.5	<0.72	<0.88	--	--	<0.92	--	--
	SA-193	0 - 1	9/29/2009	<1.1	**35**	--	--	--	<130	--	<0.91	--	--	--	<5.1	**260**	<0.71	**190**	--	--	**120**	--	--
		1.5 - 3	9/29/2009	<2.3	<1.6	--	--	--	<250	--	<1.9	--	--	--	<11	**23**	<1.5	**16**	--	--	**12 J**	--	--
		9 - 10.5	9/29/2009	<1.2	<0.81	--	--	--	<130	--	<0.94	--	--	--	<5.2	**6.8 J**	<0.73	<0.88	--	--	<0.93	--	--
			9/29/2009 (FD)	<1.2	<0.81	--	--	--	<130	--	<0.93	--	--	--	<5.2	**3.2 J**	<0.72	<0.88	--	--	<0.93	--	--
	SA-205	1 - 2.5	9/24/2009	<1.2	<0.82	--	--	--	<130	--	<0.94	--	--	--	<5.3	**4.3 J**	<0.73	**12**	--	--	**5.1 J**	--	--
	SA-209	0.5 - 2	9/28/2009	<1.2	<0.80	--	--	--	<130	--	<0.92	--	--	--	<5.1	<1.5	<0.72	<0.87	--	--	<0.92	--	--
		10 - 11.5	9/28/2009	<1.2	<0.81	--	--	--	<130	--	<0.93	--	--	--	<5.2	<1.5	<0.72	<0.88	--	--	<0.93	--	--
			9/28/2009 (FD)	<1.2	<0.81	--	--	--	<130	--	<0.93	--	--	--	<5.2	<1.5	<0.72	<0.88	--	--	<0.93	--	--
	SA-213	1 - 2.5	9/29/2009	<1.2	<0.83	--	--	--	<130	--	<0.96	--	--	--	<5.3	**5.5 J**	<0.75	**8.5**	--	--	**5.9 J**	--	--
Pre-Excavation	RSAQ3	1.5 - 2.5	4/28/2010	<15	<20	--	--	--	<28	--	<24	--	--	--	<70	**66 J**	<19	<31	--	--	**28 J**	--	--
		2.5 - 3.5	4/06/2010	<16	<21	--	--	--	<28	--	<25	--	--	--	<72	<39	<20	<32	--	--	<24	--	--
			4/06/2010 (FD)	<15	<19	--	--	--	<27	--	<23	--	--	--	<67	<37	<18	<30	--	--	<22	--	--
		4.5 - 5.5	4/06/2010	<15	<20	--	--	--	<28	--	<24	--	--	--	<70	**250 J**	<19	<31	--	--	**100 J**	--	--
	SSAQ3-02	0	9/08/2010	<16	<21	--	--	--	<28	--	<25	--	--	--	<72	<39	<20	<32	--	--	<24	--	--
			9/08/2010 (FD)	<15	<20	--	--	--	<28	--	<25	--	--	--	<70	<38	<19	<31	--	--	<23	--	--
	SSAQ3-03	0	8/09/2010	<76	<100	--	--	--	<140	--	<120	--	--	--	<350	<190	<95	<150	--	--	<120	--	--
		2.5 - 3.5	8/09/2010	<16	<21	--	--	--	<29	--	<26	--	--	--	<73	<40	<20	**130 J**	--	--	<24	--	--
		7.5 - 8.5	8/09/2010	<15	<20	--	--	--	<27	--	**88 J**	--	--	--	<70	**48 J**	<19	**57 J**	--	--	<23	--	--
	SSAQ4-08	1.5 - 2.5	8/09/2010	<15	<20	--	--	--	<27	--	**47 J**	--	--	--	<68	**62 J**	<18	**150 J**	--	--	**25 J**	--	--
		6.5 - 7.5	8/09/2010	<15	<20	--	--	--	<28	--	**56 J**	--	--	--	<71	<39	<19	**450**	--	--	<24	--	--
			8/09/2010 (FD)	<15	<20	--	--	--	<28	--	**36 J**	--	--	--	<70	<38	<19	**470**	--	--	<23	--	--
	SSAR3-01	1 - 2	5/25/2010	<15	<20	--	--	--	<28	--	<25	--	--	--	<71	**330 J**	<19	<31	--	--	**130 J**	--	--
		2 - 3	6/24/2010	<17	<23	--	--	--	<32	--	**110 J**	--	--	--	<80	<44	<22	<35	--	--	<27	--	--
		3 - 4	6/24/2010	<15	<20	--	--	--	<28	--	**52 J**	--	--	--	<71	<39	<19	<31	--	--	<24	--	--
		4 - 5	6/24/2010	<16	<20	--	--	--	<28	--	**180 J**	--	--	--	<71	<39	<19	<31	--	--	<24	--	--

Table A-1e. SOIL ANALYTICAL RESULTS, ECA GROUP BW
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Di-n-octylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	3,3'-Dichlorobenzidine	2,4-Dichlorophenol	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,4-Dioxane	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	1-Methylnaphthalene
			HSSL:	9,120,000	3,500	171,000	7,840	2,740,000	100,000,000	18,200,000	100,000,000	1,820,000	11,400	2,350	27,200	33,500,000	93,100	231	7,460	8,470	35,000	3,710,000	770
Pre-Excavation	SSAR3-01	5 - 6	5/25/2010	<16	<21	--	--	--	<28	--	<25	--	--	--	<72	**100 J**	<20	<32	--	--	<24	--	--
	SSAR4-04	0 - 1	6/24/2010	<15	<20	--	--	--	<27	--	<24	--	--	--	<70	<38	<19	<31	--	--	<23	--	--
			6/24/2010 (FD)	<15	<19	--	--	--	<26	--	<23	--	--	--	<67	<36	<18	<29	--	--	<22	--	--
		2 - 3	6/24/2010	<15	<20	--	--	--	<28	--	**140 J**	--	--	--	<70	<38	<19	<31	--	--	<23	--	--
		4 - 5	6/24/2010	<15	<20	--	--	--	<28	--	<24	--	--	--	<70	<38	<19	<31	--	--	<23	--	--
		6 - 7	6/24/2010	<15	<20	--	--	--	<28	--	**93 J**	--	--	--	<70	<38	<19	<31	--	--	<23	--	--
		8 - 9	6/24/2010	<15	<20	--	--	--	<28	--	**120 J**	--	--	--	<70	<38	<19	<31	--	--	<23	--	--
Phase 2 RI	RI-22	1 - 1.5	5/04/2017	<94	<100	<70	160 UJ	<70	<99	<140	<70	<350	<84	<99	--	<73	<73	<73	<140	<140	<140	<70	<160
		5 - 5.5	5/04/2017	<96	<110	<72	<160	<72	<100	<140	<72	<350	<86	<100	--	<75	<75	<75	<140	<140	<140	<72	<160
		10 - 10.5	5/04/2017	<96	<110	<72	<160	<72	<100	<140	<72	<350	<86	<100	--	<75	<75	<75	<140	<140	<140	<72	<160
	RI-27	1 - 1.5	5/19/2017	<190	<220	<140	<320	<140	<200	<280	<140	<710	<170	<200	--	<150	<150	<150	290 UJ	<290	<280	<140	<320
		5 - 5.5	5/19/2017	<200	<220	<150	<340	<150	<210	<290	<150	<740	<180	<210	--	<160	<160	<160	300 UJ	<300	<290	<150	<340
		10 - 10.5	5/19/2017	<200	<220	<150	<340	<150	<210	<290	<150	<740	<180	<210	--	<160	<160	<160	300 UJ	<300	<290	<150	<340
	RI-28	1 - 1.5	6/14/2017	<980	<1,100	<730	<1,600	<730	<1,000	<1,400	<730	<3,600	<870	<1,000	--	**1,000 J**	<770	**1,600 J**	<1,500	<1,500	<1,400	<730	<1,600
		5 - 5.5	6/14/2017	<95	<110	<71	<160	<71	<100	<140	<71	<350	<85	<100	--	<74	<74	<74	<140	<140	<140	<71	<160
		10 - 10.5	6/14/2017	<98	<110	<73	<160	<73	<100	<140	<73	<360	<87	<100	--	<76	<76	<76	<140	<140	<140	<73	<160

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-1e. SOIL ANALYTICAL RESULTS, ECA GROUP BW
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				2-Methylnaphthalene	2-Methylphenol	3&4-Methylphenol	Naphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Nitrobenzene	2-Nitrophenol	4-Nitrophenol	n-Nitrosodiphenylamine	Octachlorostyrene	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	bis(2-Chloroethoxy) methane
			HSSL:	368,000	45,600,000	16,000,000	11,300	8,840,000	--	176,000	22,500	--	7,290,000	720,000	--	8,450	24,500	100,000,000	44,000	1,300,000	91,200,000	321,000	2,740,000
Phase A	SA-4	10 - 11.5	11/14/2006	<350	--	--	<350	--	--	--	<350	--	--	--	<350	--	<350	--	<350	<1,700	--	--	--
Phase B	RSAQ3	9.5 - 11	9/30/2009	<0.59	--	--	<0.88	--	--	--	<1.9	--	--	--	<3.7	--	<1.9	--	<1.1	<28	--	--	--
	RSAR3	1 - 2.5	10/01/2009	<0.60	--	--	<0.90	--	--	--	<1.9	--	--	--	<3.8	--	<1.9	--	<1.1	<29	--	--	--
	RSAR4	0.5 - 2	9/30/2009	<0.59	--	--	<0.88	--	--	--	<1.9	--	--	--	<3.7	--	**7.5**	--	**22**	<28	--	--	--
		10 - 11.5	9/30/2009	<0.59	--	--	<0.88	--	--	--	<1.9	--	--	--	<3.7	--	<1.9	--	<1.1	<28	--	--	--
			9/30/2009 (FD)	<0.59	--	--	<0.89	--	--	--	<1.9	--	--	--	<3.7	--	<1.9	--	<1.1	<28	--	--	--
	SA-29	0.5 - 2	9/28/2009	<0.58	--	--	<0.87	--	--	--	<1.9	--	--	--	**11**	--	**2.8 J**	--	**8.8**	<28	--	--	--
		10 - 11.5	9/28/2009	<1.2	--	--	<1.8	--	--	--	<3.7	--	--	--	<7.3	--	**6.4 J**	--	**26**	<56	--	--	--
	SA-84	10 - 11.5	9/24/2009	<0.59	--	--	<0.89	--	--	--	<1.9	--	--	--	<3.7	--	<1.9	--	<1.1	<28	--	--	--
			9/24/2009 (FD)	<0.60	--	--	<0.89	--	--	--	<1.9	--	--	--	<3.7	--	<1.9	--	<1.1	<29	--	--	--
	SA-101	0 - 1.5	9/25/2009	<0.60	--	--	<0.89	--	--	--	<1.9	--	--	--	<3.7	--	**4.3 J**	--	**12**	<29	--	--	--
		9.5 - 11	9/25/2009	<1.2	--	--	<1.8	--	--	--	<3.8	--	--	--	<7.4	--	<3.8	--	<2.1	<57	--	--	--
	SA-110	10 - 11.5	9/29/2009	<0.60	--	--	<0.89	--	--	--	<1.9	--	--	--	<3.7	--	<1.9	--	<1.1	<29	--	--	--
	SA-111	1.5 - 3.5	10/05/2009	<0.59	--	--	<0.88	--	--	--	<1.9	--	--	--	<3.7	--	**6.1 J**	--	**15**	<28	--	--	--
		10 - 12	10/05/2009	<0.60	--	--	**2.5 J**	--	--	--	<1.9	--	--	--	<3.7	--	**67**	--	**130**	<29	--	--	--
	SA-120	0 - 1.5	9/28/2009	<0.60	--	--	<0.89	--	--	--	<1.9	--	--	--	**54**	--	**3.2 J**	--	**7.9**	<28	--	--	--
		9.5 - 11	9/28/2009	<0.59	--	--	<0.88	--	--	--	<1.9	--	--	--	<3.7	--	<1.9	--	<1.1	<28	--	--	--
	SA-135	1 - 2.5	9/08/2009	<1.8	--	--	<2.7	--	--	--	<5.5	--	--	--	<11	--	**6.4 J**	--	**8.5 J**	<83	--	--	--
	SA-148	9.5 - 11	9/23/2009	<0.59	--	--	<0.88	--	--	--	<1.9	--	--	--	<3.7	--	**2.5 J**	--	**5.7 J**	<28	--	--	--
	SA-169	9.5 - 11.5	10/02/2009	<12	--	--	<18	--	--	--	<38	--	--	--	<74	--	**190**	--	**220**	<560	--	--	--
	SA-190	0 - 1.5	9/30/2009	<5.8	--	--	<8.6	--	--	--	<18	--	--	--	<36	--	**170**	--	**490**	<280	--	--	--
		9.5 - 11	9/30/2009	<0.60	--	--	<0.89	--	--	--	<1.9	--	--	--	<3.7	--	<1.9	--	<1.1	<29	--	--	--
	SA-191	0.5 - 2	9/29/2009	<0.58	--	--	<0.86	--	--	--	<1.8	--	--	--	<3.6	--	**2.4 J**	--	**4.2 J**	<28	--	--	--
		10 - 11.5	9/29/2009	<0.59	--	--	<0.88	--	--	--	<1.9	--	--	--	<3.7	--	<1.9	--	**3.9 J**	<28	--	--	--
	SA-192	1 - 2.5	10/07/2009	<0.59	--	--	<0.88	--	--	--	<1.9	--	--	--	<3.7	--	<1.9	--	**1.4 J**	<28	--	--	--
	SA-193	0 - 1	9/29/2009	<0.58	--	--	<0.87	--	--	--	<1.9	--	--	--	**46**	--	**67**	--	**220**	<28	--	--	--
		1.5 - 3	9/29/2009	<1.2	--	--	<1.8	--	--	--	<3.7	--	--	--	<7.3	--	**6.4 J**	--	**20**	<56	--	--	--
		9 - 10.5	9/29/2009	<0.59	--	--	<0.89	--	--	--	<1.9	--	--	--	<3.7	--	<1.9	--	**5.4 J**	<28	--	--	--
			9/29/2009 (FD)	<0.59	--	--	<0.88	--	--	--	<1.9	--	--	--	<3.7	--	<1.9	--	**3.6 J**	<28	--	--	--
	SA-205	1 - 2.5	9/24/2009	<0.60	--	--	<0.90	--	--	--	<1.9	--	--	--	<3.7	--	<1.9	--	**4.0 J**	<29	--	--	--
	SA-209	0.5 - 2	9/28/2009	<0.59	--	--	<0.87	--	--	--	<1.9	--	--	--	<3.6	--	<1.9	--	<1.1	<28	--	--	--
		10 - 11.5	9/28/2009	<0.59	--	--	<0.88	--	--	--	<1.9	--	--	--	<3.7	--	<1.9	--	<1.1	<28	--	--	--
			9/28/2009 (FD)	<0.59	--	--	<0.88	--	--	--	<1.9	--	--	--	<3.7	--	<1.9	--	<1.1	<28	--	--	--
	SA-213	1 - 2.5	9/29/2009	<0.61	--	--	<0.91	--	--	--	<1.9	--	--	--	<3.8	--	**2.9 J**	--	**5.9 J**	<29	--	--	--
Pre-Excavation	RSAQ3	1.5 - 2.5	4/28/2010	<20	--	--	<33	--	--	--	<23	--	--	--	<61	--	**20 J**	--	**60 J**	<140	--	--	--
		2.5 - 3.5	4/06/2010	<21	--	--	<34	--	--	--	<24	--	--	--	<62	--	<18	--	<13	<140	--	--	--
			4/06/2010 (FD)	<19	--	--	<32	--	--	--	<22	--	--	--	<58	--	<17	--	<12	<130	--	--	--
		4.5 - 5.5	4/06/2010	<20	--	--	<33	--	--	--	<23	--	--	--	<61	--	**86 J**	--	**250 J**	<140	--	--	--
	SSAQ3-02	0	9/08/2010	<21	--	--	<34	--	--	--	<24	--	--	--	<62	--	<19	--	<13	<140	--	--	--
			9/08/2010 (FD)	<20	--	--	<33	--	--	--	<23	--	--	--	<61	--	<18	--	<13	<140	--	--	--
	SSAQ3-03	0	8/09/2010	<100	--	--	<160	--	--	--	<120	--	--	--	<300	--	<90	--	<64	<690	--	--	--
		2.5 - 3.5	8/09/2010	<21	--	--	<34	--	--	--	<24	--	--	--	**80 J**	--	<19	--	**21 J**	<140	--	--	--
		7.5 - 8.5	8/09/2010	<20	--	--	<33	--	--	--	<23	--	--	--	<60	--	**30 J**	--	**24 J**	<140	--	--	--
	SSAQ4-08	1.5 - 2.5	8/09/2010	<20	--	--	<32	--	--	--	<23	--	--	--	<59	--	<17	--	**59 J**	<130	--	--	--
		6.5 - 7.5	8/09/2010	<20	--	--	<33	--	--	--	<24	--	--	--	**140 J**	--	<18	--	<13	<140	--	--	--
			8/09/2010 (FD)	<20	--	--	<33	--	--	--	<23	--	--	--	**160 J**	--	<18	--	<13	<140	--	--	--
	SSAR3-01	1 - 2	5/25/2010	<20	--	--	<33	--	--	--	<24	--	--	--	<61	--	**63 J**	--	**270 J**	<140	--	--	--
		2 - 3	6/24/2010	<23	--	--	<38	--	--	--	<27	--	--	--	<69	--	<21	--	<15	<160	--	--	--
		3 - 4	6/24/2010	<20	--	--	<33	--	--	--	<24	--	--	--	<61	--	<18	--	<13	<140	--	--	--
		4 - 5	6/24/2010	<20	--	--	<33	--	--	--	<24	--	--	--	<61	--	<18	--	<13	<140	--	--	--

Table A-1e. SOIL ANALYTICAL RESULTS, ECA GROUP BW
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				2-Methylnaphthalene	2-Methylphenol	3&4-Methylphenol	Naphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Nitrobenzene	2-Nitrophenol	4-Nitrophenol	n-Nitrosodiphenylamine	Octachlorostyrene	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	bis(2-Chloroethoxy) methane
			HSSL:	368,000	45,600,000	16,000,000	11,300	8,840,000	--	176,000	22,500	--	7,290,000	720,000	--	8,450	24,500	100,000,000	44,000	1,300,000	91,200,000	321,000	2,740,000
Pre-Excavation	SSAR3-01	5 - 6	5/25/2010	<21	--	--	<34	--	--	--	<24	--	--	--	<62	--	**43 J**	--	**84 J**	<140	--	--	--
	SSAR4-04	0 - 1	6/24/2010	<20	--	--	<33	--	--	--	<23	--	--	--	<60	--	<18	--	<13	<140	--	--	--
			6/24/2010 (FD)	<19	--	--	<31	--	--	--	<22	--	--	--	<58	--	<17	--	<12	<130	--	--	--
		2 - 3	6/24/2010	<20	--	--	<33	--	--	--	<23	--	--	--	<61	--	<18	--	<13	<140	--	--	--
		4 - 5	6/24/2010	<20	--	--	<33	--	--	--	<23	--	--	--	<61	--	<18	--	<13	<140	--	--	--
		6 - 7	6/24/2010	<20	--	--	<33	--	--	--	<23	--	--	--	<61	--	<18	--	<13	<140	--	--	--
		8 - 9	6/24/2010	<20	--	--	<33	--	--	--	<23	--	--	--	<61	--	<18	--	<13	<140	--	--	--
Phase 2 RI	RI-22	1 - 1.5	5/04/2017	<73	<84	<140	<70	<70	<140	<140	<73	<140	<150	<84	<2,400	<360	<70	<94	<140	<160	<140	<79	<140
		5 - 5.5	5/04/2017	<75	<86	<140	<72	<72	140 UJ	<140	<75	<140	<150	<86	<2,500	<360	<72	<96	<140	<160	<140	<80	<140
		10 - 10.5	5/04/2017	<75	<86	<140	<72	<72	140 UJ	<140	<75	<140	<150	<86	<2,500	<360	<72	<96	<140	<160	<140	<80	<140
	RI-27	1 - 1.5	5/19/2017	<150	<170	<290	<140	<140	<290	<290	<150	<290	<300	<170	<5,000	<730	<140	<190	<290	<320	<280	<160	<290
		5 - 5.5	5/19/2017	<160	<180	<300	<150	<150	<300	<300	<160	<300	<310	<180	<5,100	<760	<150	<200	<300	<340	<290	<170	<300
		10 - 10.5	5/19/2017	<160	<180	<300	<150	<150	<300	<300	<160	<300	<310	<180	<5,200	<760	<150	<200	<300	<340	<290	<170	<300
	RI-28	1 - 1.5	6/14/2017	<770	<870	<1,500	<730	<730	<1,500	<1,500	<770	<1,500	<1,500	<870	<25,000	<3,700	<730	<980	<1,500	<1,600	<1,400	<820	<1,500
		5 - 5.5	6/14/2017	<74	<85	<140	<71	<71	<140	<140	<74	<140	<150	<85	<2,400	<360	<71	<95	<140	<160	<140	<80	<140
		10 - 10.5	6/14/2017	<76	<87	<140	<73	<73	<140	<140	<76	<140	<150	<87	<2,500	<370	<73	<98	<150	<160	<140	<82	<140

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-1e. SOIL ANALYTICAL RESULTS, ECA GROUP BW
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)			
				bis(2-Chloroethyl) ether	bis(2-Ethylhexyl)phthalate	4-Chloro-3-methylphenol	n-Nitroso-di-n-propylamine
			HSSL:	1,150	252,000	91,200,000	504
Phase A	SA-4	10 - 11.5	11/14/2006	--	<350	--	--
Phase B	RSAQ3	9.5 - 11	9/30/2009	--	<140	--	--
	RSAR3	1 - 2.5	10/01/2009	--	<140	--	--
	RSAR4	0.5 - 2	9/30/2009	--	<140	--	--
		10 - 11.5	9/30/2009	--	<140	--	--
			9/30/2009 (FD)	--	<140	--	--
	SA-29	0.5 - 2	9/28/2009	--	<140	--	--
		10 - 11.5	9/28/2009	--	<280	--	--
	SA-84	10 - 11.5	9/24/2009	--	<140	--	--
			9/24/2009 (FD)	--	<140	--	--
	SA-101	0 - 1.5	9/25/2009	--	<140	--	--
		9.5 - 11	9/25/2009	--	<280	--	--
	SA-110	10 - 11.5	9/29/2009	--	<140	--	--
	SA-111	1.5 - 3.5	10/05/2009	--	<140	--	--
		10 - 12	10/05/2009	--	<140	--	--
	SA-120	0 - 1.5	9/28/2009	--	<140	--	--
		9.5 - 11	9/28/2009	--	<140	--	--
	SA-135	1 - 2.5	9/08/2009	--	<410	--	--
	SA-148	9.5 - 11	9/23/2009	--	<140	--	--
	SA-169	9.5 - 11.5	10/02/2009	--	<2,800	--	--
	SA-190	0 - 1.5	9/30/2009	--	<1,400	--	--
		9.5 - 11	9/30/2009	--	<140	--	--
	SA-191	0.5 - 2	9/29/2009	--	<140	--	--
		10 - 11.5	9/29/2009	--	<140	--	--
	SA-192	1 - 2.5	10/07/2009	--	<140	--	--
	SA-193	0 - 1	9/29/2009	--	<140	--	--
		1.5 - 3	9/29/2009	--	<270	--	--
		9 - 10.5	9/29/2009	--	<140	--	--
			9/29/2009 (FD)	--	<140	--	--
	SA-205	1 - 2.5	9/24/2009	--	<140	--	--
	SA-209	0.5 - 2	9/28/2009	--	<140	--	--
		10 - 11.5	9/28/2009	--	<140	--	--
			9/28/2009 (FD)	--	<140	--	--
	SA-213	1 - 2.5	9/29/2009	--	<140	--	--
Pre-Excavation	RSAQ3	1.5 - 2.5	4/28/2010	--	**79 J**	--	--
		2.5 - 3.5	4/06/2010	--	**110 J**	--	--
			4/06/2010 (FD)	--	**93 J**	--	--
		4.5 - 5.5	4/06/2010	--	**120 J**	--	--
	SSAQ3-02	0	9/08/2010	--	<50	--	--
			9/08/2010 (FD)	--	<49	--	--
	SSAQ3-03	0	8/09/2010	--	<240	--	--
		2.5 - 3.5	8/09/2010	--	<51	--	--
		7.5 - 8.5	8/09/2010	--	<49	--	--
	SSAQ4-08	1.5 - 2.5	8/09/2010	--	<47	--	--
		6.5 - 7.5	8/09/2010	--	<49	--	--
			8/09/2010 (FD)	--	<49	--	--
	SSAR3-01	1 - 2	5/25/2010	--	**650**	--	--
		2 - 3	6/24/2010	--	<56	--	--
		3 - 4	6/24/2010	--	<49	--	--
		4 - 5	6/24/2010	--	<50	--	--

Table A-1e. SOIL ANALYTICAL RESULTS, ECA GROUP BW
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)			
				bis(2-Chloroethyl) ether	bis(2-Ethylhexyl)phthalate	4-Chloro-3-methylphenol	n-Nitroso-di-n-propylamine
			HSSL:	1,150	252,000	91,200,000	504
Pre-Excavation	SSAR3-01	5 - 6	5/25/2010	--	**570**	--	--
	SSAR4-04	0 - 1	6/24/2010	--	<49	--	--
			6/24/2010 (FD)	--	<47	--	--
		2 - 3	6/24/2010	--	<49	--	--
		4 - 5	6/24/2010	--	<49	--	--
		6 - 7	6/24/2010	--	<49	--	--
		8 - 9	6/24/2010	--	<49	--	--
Phase 2 RI	RI-22	1 - 1.5	5/04/2017	<73	<94	<73	<73
		5 - 5.5	5/04/2017	<75	<96	<75	<75
		10 - 10.5	5/04/2017	<75	<96	<75	<75
	RI-27	1 - 1.5	5/19/2017	<150	<190	<150	<150
		5 - 5.5	5/19/2017	<160	<200	<160	<160
		10 - 10.5	5/19/2017	<160	<200	<160	<160
	RI-28	1 - 1.5	6/14/2017	<770	<980	<770	<770
		5 - 5.5	6/14/2017	<74	<95	<74	<74
		10 - 10.5	6/14/2017	<76	<98	<76	<76

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-1f. SOIL ANALYTICAL RESULTS, ECA GROUP BW
PAHs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PAHs (µg/kg)															
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
			HSSL:	118,000	44,000	4,260	9,980	3,500	35,000	25,100,000	350,000	3,500,000	3,500	33,500,000	93,100	35,000	11,300	24,500	44,000
Phase 2 RI	RI-22	1 - 1.5	5/04/2017	<4.2	<4.2	<4.2	<4.2	<4.2	**7.1 J**	<4.2	<4.2	**4.2 J**	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2
		5 - 5.5	5/04/2017	<4.3	<4.3	<4.3	<4.3	**5.5 J**	**8.6 J**	**5.4 J**	<4.3	**4.5 J**	<4.3	<4.3	<4.3	<4.3	**6.0 J**	<4.3	<4.3	<4.3
		10 - 10.5	5/04/2017	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3
	RI-27	1 - 1.5	5/19/2017	<8.9	<8.9	<8.9	**19 J**	**19 J**	**38 J**	**22 J**	**17 J**	**27 J**	<8.9	**33 J**	<8.9	**24 J**	<8.9	<8.9	**30 J**
		5 - 5.5	5/19/2017	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4
		10 - 10.5	5/19/2017	<8.9	<8.9	<8.9	<8.9	<8.9	**14 J**	<8.9	<8.9	**10 J**	<8.9	**13 J**	<8.9	<8.9	<8.9	<8.9	**12 J**
	RI-28	1 - 1.5	6/14/2017	<35	**40 J**	<35	**940**	**950**	**1,800**	**880**	**700**	**1,200**	**220 J**	**1,300**	<35	**890**	<35	**220 J-**	**1,300**
		5 - 5.5	6/14/2017	<4.3	<4.3	<4.3	<4.3	<4.3	**5.1 J**	<4.3	<4.3	<4.3	<4.3	**4.3 J**	<4.3	<4.3	<4.3	<4.3	<4.3
		10 - 10.5	6/14/2017	<4.4	<4.4	<4.4	**19 J**	**22 J**	**44**	**20 J**	**16 J**	**29 J**	<4.4	**33**	<4.4	**20 J**	<4.4	**7.2 J**	**30 J**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-1g. SOIL ANALYTICAL RESULTS, ECA GROUP BW
PCBs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PCBs (µg/kg)						
				Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260
			HSSL:	45,200	1,280	1,060	1,550	1,560	1,600	1,650
Phase A	SA-4	10 - 11.5	11/14/2006	<35	<35	<35	<35	<35	<35	<35
Phase B	RSAR3	1 - 2.5	10/01/2009	<19	<42	<19	<29	<19	<19	<33
	SA-101	0 - 1.5	9/25/2009	<19	<42	<19	<29	<19	<19	<33
	SA-148	9.5 - 11	9/23/2009	19 UJ	41 UJ	19 UJ	28 UJ	19 UJ	19 UJ	33 UJ
	SA-192	1 - 2.5	10/07/2009	<19	<41	<19	<28	<19	<19	<33
	SA-209	0.5 - 2	9/28/2009	<19	<41	<19	<28	<19	<19	<32
Phase 2 RI	RI-22	1 - 1.5	5/04/2017	--	--	--	--	--	--	**30 J**
		5 - 5.5	5/04/2017	--	--	--	--	--	--	<18
		10 - 10.5	5/04/2017	--	--	--	--	--	--	<18
	RI-27	1 - 1.5	5/19/2017	--	--	--	--	--	--	**83 J**
		5 - 5.5	5/19/2017	--	--	--	--	--	--	<39
		10 - 10.5	5/19/2017	--	--	--	--	--	--	<38
	RI-28	1 - 1.5	6/14/2017	--	--	--	--	--	--	**59 J+**
		5 - 5.5	6/14/2017	--	--	--	--	--	--	<18
		10 - 10.5	6/14/2017	--	--	--	--	--	--	<18

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-1h. SOIL ANALYTICAL RESULTS, ECA GROUP BW
Dioxins/Furans (pg/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Dioxins/Furans (pg/g)																	
				TCDD	PeCDD	1,4-HxCDD	1,6-HxCDD	1,9-HxCDD	1,4,6-HpCDD	OCDD	TCDF	1-PeCDF	4-PeCDF	1,4-HxCDF	1,6-HxCDF	1,9-HxCDF	4,6-HxCDF	1,4,6-HpCDF	1,4,9-HpCDF	OCDF	Total Dioxin/Furan TEQ (Calculated)
			HSSL:	26.7	--	--	--	581	--	--	--	--	--	--	--	--	--	--	--	--	2,700
Phase B	RSAR3	1 - 2.5	10/01/2009	<0.53	**0.071 J**	<2.7	<2.7	**0.19 J**	**0.29 JK**	**0.58 J**	<0.53	**0.51 J**	**0.18 JK**	**1.0 J**	**0.60 J**	**0.18 J**	<2.7	**2.5 J**	**1.6 JK**	**12 JK**	--
	RSAR4	0.5 - 2	9/30/2009	**0.17 JK**	**0.33 JK**	<2.5	<2.5	<2.5	**0.91 J**	**2.9 J**	**3.9**	**6.1**	**3.2**	**9.5**	**7.3**	**1.5 J**	**2.5 J**	**18**	**12**	**61 J**	--
	SA-29	0.5 - 2	9/28/2009	**0.27 J**	<2.6	<2.6	**0.48 JK**	**0.63 JK**	**2.3 J**	**4.3 J**	**7.0**	**10**	**4.8**	**17**	**12**	**3.0**	**4.2**	**49**	**21**	**420**	--
	SA-101	0 - 1.5	9/25/2009	**0.71**	**0.78 JK**	<2.6	**1.1 J**	**1.1 JK**	**2.1 J**	**3.7 J**	**16**	**10**	**6.8**	**19**	**12**	**2.7 JK**	**3.8**	**40**	**21**	**110**	--
	SA-111	1.5 - 3.5	10/05/2009	<0.51	<2.5	<2.5	<2.5	<2.5	<2.5	**2.5 JK**	<0.51	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**1.8 J**	--
	SA-120	0 - 1.5	9/28/2009	**2.4**	**9.9**	**8.7**	**15**	**20**	**61**	**87**	**82**	**270**	**140**	**520**	**360**	**90**	**97**	**1,600 J**	**770**	**6,000 J**	--
	SA-135	1 - 2.5	9/08/2009	**0.369 JK**	**1.07 J**	**0.884 J**	**1.67 J**	**1.89 J**	**7.52**	**19.6 J**	**8.91**	**15.6**	**7.51**	**36.0**	**20.6**	**3.12**	**11.7**	**63.6**	**30.5**	**203**	**13.7**
	SA-190	0 - 1.5	9/30/2009	**2.6**	**8.1**	**5.7**	**15**	**17**	**67**	**200 J+**	**93**	**93**	**54**	**200**	**110**	**22**	**33**	**380**	**150**	**1,100 J+**	--
	SA-191	0.5 - 2	9/29/2009	**0.079 JK**	**0.18 J**	**0.096 J**	**0.22 J**	**0.22 J**	**1.2 J**	**7.3 J**	**38**	**4.6**	**2.7**	**3.3**	**1.6 J**	**0.36 J**	**0.39 J**	**3.5**	**1.6 J**	**8.2**	--
	SA-192	1 - 2.5	10/07/2009	<0.51	<2.5	<2.5	<2.5	<2.5	2.5 UJ	5.1 UJ	**0.088 JK**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5 UJ	2.5 UJ	5.1 UJ	--
	SA-193	0 - 1	9/29/2009	**19**	**44**	**31**	**49**	**55**	**190**	**200**	**350**	**580**	**290**	**1,300 J**	**730**	**150**	**160**	**2,400 J**	**1,200 J**	**7,100 J**	--
		1.5 - 3	9/29/2009	**1.3**	**2.5 J**	**1.8 J**	**3.2**	**3.0**	**12**	**24 J**	**25**	**31**	**18**	**62**	**35**	**8.0**	**6.6**	**120**	**63**	**400**	--
	SA-205	1 - 2.5	9/24/2009	<0.52	<2.6	<2.6	**1.0 J**	**0.84 JK**	**2.7**	**3.6 J**	**8.3**	**12**	**5.2 JK**	**20**	**15**	**3.4**	**5.0**	**50**	**23**	**130**	--
	SA-209	0.5 - 2	9/28/2009	**0.19 JK**	<2.5	<2.5	**0.80 J**	**0.72 JK**	**2.9**	**8.6 J**	**9.3**	**5.5**	**3.1**	**6.4**	**3.7**	**1.3 J**	**1.3 J**	**7.3 J**	**4.4 J**	**29 J**	--
	SA-213	1 - 2.5	9/29/2009	**0.17 JK**	**0.36 J**	**0.15 JK**	**0.41 J**	**0.42 J**	**1.3 J**	**2.7 J**	**5.8**	**7.4**	**3.6**	**13**	**8.1**	**1.7 J**	**2.3 J**	**25**	**11**	**69**	--
Pre-Excavation	RSAQ3	1.5 - 2.5	4/28/2010	**2.1 J**	**5.2 J**	**3.8 J**	**6.9 J**	**6.5 J**	**25**	**33**	**40 J**	**58**	**29**	**100**	**70**	**9.4**	**14**	**250**	**120**	**800**	**47**
		2.5 - 3.5	4/06/2010	**0.038 JK**	<0.036	**0.066 JK**	**0.079 JK**	**0.15 J**	**0.23 J**	**0.61 JK**	**0.24 J**	**0.12 JK**	**0.13 J**	**0.20 JK**	**0.11 J**	**0.12 JK**	**0.091 JK**	**0.39 JK**	**0.20 J**	**0.92 J**	**0.19**
			4/06/2010 (FD)	<0.070	<0.22	<0.10	**0.10 JK**	**0.20 JK**	**0.43 JK**	**1.1 JK**	**0.64 J**	<0.73	<0.77	**0.79 J**	**0.38 JK**	**0.33 JK**	<0.16	**1.2 J**	**0.63 J**	**2.8 J**	**0.27**
	SSAQ3-02	0	9/08/2010	**0.13 JK**	**0.33 JK**	**0.17 JK**	**0.51 J**	**0.47 JK**	**2.6 J**	**15 J**	**2.8**	**5.1**	**2.2 J**	**10**	**7.2**	**1.2 JK**	**1.3 JK**	**34**	**16**	**120 J**	**4.2**
			9/08/2010 (FD)	**0.11 JK**	**0.36 J**	**0.22 J**	**0.55 J**	**0.54 J**	**2.4 J**	**8.3 J**	**2.8**	**5.1**	**2.3 J**	**11**	**7.6**	**1.5 J**	**1.7 J**	**34**	**16**	**120 J**	**4.5**
	SSAQ4-08	1.5 - 2.5	8/09/2010	**1.9**	**6.6**	**5.9**	**9.3**	**3.6**	**52**	**78 J**	**47**	**130**	**61**	**230**	**220**	**37**	**38**	**920**	**390**	**4,800 J**	**100**
		6.5 - 7.5	8/09/2010	**3.6**	**23**	**15**	**13 J**	**17**	**120**	**190**	**120**	**450**	**220**	**670**	**670**	**110**	**150**	**2,700 J**	**1,100 J**	**12,000 J**	**330**
			8/09/2010 (FD)	**2.7**	**16**	**12**	**25 J**	**12**	**110**	**180**	**99**	**380**	**190**	**650**	**590**	**98**	**150**	**2,700 J**	**1,100**	**13,000 J**	**290**
	SSAR3-01	1 - 2	5/25/2010	**0.083 JK**	<0.12	**0.20 JK**	**0.33 J**	**0.32 JK**	**0.73 J**	**1.5 J**	**4.6**	**2.2 J**	**1.1 J**	**3.9 JK**	**2.8**	**0.69 J**	**0.70 J**	**9.6**	**3.5**	**20 J**	**2.0**
	SSAR4-04	0 - 1	6/24/2010	<0.048	<0.080	**0.12 JK**	**0.24 J**	**0.31 J**	**0.55 J**	**2.7 J**	**0.57**	**0.72 J**	**0.40 J**	**1.1 J**	**0.79 J**	**0.27 J**	**0.17 JK**	**2.6 J**	**0.98 J**	**6.3**	**0.54**
			6/24/2010 (FD)	<0.064	<0.13	**0.14 JK**	**0.27 JK**	**0.27 J**	**0.73 J**	**3.8 J**	**0.43 JK**	**0.43 JK**	**0.33 J**	**0.70 J**	**0.46 J**	**0.16 JK**	**0.15 J**	**1.7 J**	**0.57 J**	**4.1 J**	**0.40**
		2 - 2.5	6/24/2010	<0.13	<0.099	<0.065	**0.18 JK**	**0.17 JK**	**0.57 J**	**1.8 JK**	**0.26 JK**	**0.72 J**	**0.35 J**	**1.2 J**	**0.90 J**	**0.29 J**	**0.26 J**	**3.3**	**1.6 J**	**7.8 J**	**0.51**
		2 - 3	6/24/2010	<0.075	<0.079	**0.068 J**	**0.17 JK**	**0.18 JK**	**0.37 J**	**2.2 J**	**0.40 J**	**0.37 J**	**0.22 J**	**0.51 J**	**0.31 JK**	**0.10 J**	**0.082 JK**	**1.3 JK**	**0.56 J**	**3.6 J**	**0.28**
Phase 2 RI	RI-22	1 - 1.5	5/04/2017	<0.035	**0.19 J+**	**0.18 J**	**0.49 J**	**0.54 J**	**2.2 J**	**6.0 J**	**1.6**	**3.8 J**	**1.5 J**	**8.4**	**6.0**	**1.0 J**	**1.2 J**	**27**	**8.9**	**120**	**3.1**
		5 - 5.5	5/04/2017	<0.024	<0.034	<0.018	**0.12 J**	**0.15 J**	**0.30 J**	**3.3 J**	**0.15 J**	**0.20 J**	<0.031	**0.43 J**	**0.23 J**	**0.11 J**	**0.070 J**	**1.1 J**	**0.41 J**	**4.2 J**	**0.19**
		10 - 10.5	5/04/2017	<0.029	<0.034	<0.018	**0.092 J**	**0.12 J**	**0.15 J**	**0.60 J**	**0.085 J**	**0.084 J**	<0.031	**0.16 J**	**0.063 J**	**0.10 J**	<0.040	**0.37 J**	**0.14 J**	**1.0 J**	**0.11**
	RI-27	1 - 1.5	5/19/2017	**0.38 J**	**0.87 J**	**0.70 J**	**1.0 J**	**1.0 J**	**2.4 J**	**5.9 J**	**6.7**	**2.6 J**	**1.9 J**	**5.2 J**	**3.1 J**	**1.1 J**	**1.2 J**	**12**	**5.2 J**	**48**	**4.1**
		5 - 5.5	5/19/2017	<0.023	**0.12 J**	**0.084 J**	**0.22 J**	**0.31 J**	**0.24 J**	**0.64 J**	**0.13 J**	**0.14 J**	**0.13 J**	**0.19 J**	**0.17 J**	**0.14 J**	**0.085 J**	**0.35 J**	**0.22 J**	**0.86 J**	**0.32**
		10 - 10.5	5/19/2017	<0.028	**0.20 J**	**0.12 J**	**0.25 J**	**0.33 J**	**0.87 J**	**7.9 J**	**0.72 J**	**0.50 J**	**0.32 J**	**0.77 J**	**0.46 J**	**0.37 J**	**0.25 J**	**1.6 J**	**0.66 J**	**6.6 J+**	**0.69**
	RI-28	1 - 1.5	6/14/2017	**1.9 J**	**4.5 J**	**3.3 J**	**6.2 J**	**6.5 J**	**39 J**	**380**	**77**	**72**	**34 J**	**130**	**68**	**8.7 J**	**16 J**	**360**	**140**	**22,000**	**62**
		5 - 5.5	6/14/2017	<0.053	**0.80 J**	**0.67 J**	**1.3 J**	**1.5 J**	**4.6 J**	**13**	**4.2**	**11**	**4.6 J**	**22**	**16**	**2.2 J**	**3.6 J**	**52**	**21**	**150**	**8.5**
		10 - 10.5	6/14/2017	**0.73 J**	**1.9 J**	**1.5 J**	**3.0 J**	**2.8 J**	**15**	**77**	**25**	**27**	**15**	**50**	**33**	**4.4 J**	**7.7**	**140**	**51**	**2,300**	**23**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pg/g: picograms per gram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-1i. SOIL ANALYTICAL RESULTS, ECA GROUP BW
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)																		
				Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	Chlordane (total)	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	2,4'-DDE	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor
			HSSL:	205	274,000	54,700	333,000	11,100	--	500,000	500,000	14,700	--	10,300	10,600	220	--	--	4,900,000	274,000	--	--	696
Phase B	RSAQ3	9.5 - 11	9/30/2009	<0.91	<0.91	<0.91	<0.91	<0.91	<4.5	<0.91	<0.91	<1.8	--	<1.8	<1.8	<1.8	<0.91	<1.8	<1.8	<1.8	<1.8	<1.8	<0.91
	RSAR3	1 - 2.5	10/01/2009	<0.92	<0.92	<0.92	<0.92	<0.92	<4.6	<0.92	<0.92	<1.9	--	<1.9	<1.9	<1.9	<0.92	<1.9	<1.9	<1.9	<1.9	<1.9	<0.92
	RSAR4	0.5 - 2	9/30/2009	<0.90	<0.90	<0.90	<0.90	<0.90	<4.5	<0.90	<0.90	<1.8	--	<1.8	<1.8	<1.8	<0.90	<1.8	<1.8	<1.8	<1.8	<1.8	<0.90
		10 - 11.5	9/30/2009	<0.91	<0.91	<0.91	<0.91	<0.91	<4.5	<0.91	<0.91	<1.8	--	<1.8	<1.8	<1.8	<0.91	<1.8	<1.8	<1.8	<1.8	<1.8	<0.91
			9/30/2009 (FD)	<0.91	<0.91	<0.91	<0.91	<0.91	<4.5	<0.91	<0.91	<1.8	--	<1.8	<1.8	<1.8	<0.91	<1.8	<1.8	<1.8	<1.8	<1.8	<0.91
	SA-29	0.5 - 2	9/28/2009	<8.9	<8.9	<8.9	<8.9	<8.9	<45	<8.9	<8.9	<18	--	<18	<18	<18	<8.9	<18	<18	<18	<18	<18	<8.9
		10 - 11.5	9/28/2009	<9.1	<9.1	<9.1	<9.1	<9.1	<45	<9.1	<9.1	<18	--	<18	<18	<18	<9.1	<18	<18	<18	<18	<18	<9.1
	SA-84	10 - 11.5	9/24/2009	<0.91	<0.91	<0.91	<0.91	<0.91	<4.5	<0.91	<0.91	<1.8	--	<1.8	<1.8	<1.8	<0.91	<1.8	<1.8	<1.8	<1.8	<1.8	<0.91
			9/24/2009 (FD)	<0.91	<0.91	<0.91	<0.91	<0.91	<4.6	<0.91	<0.91	<1.9	--	<1.9	<1.9	<1.9	<0.91	<1.9	<1.9	<1.9	<1.9	<1.9	<0.91
	SA-101	0 - 1.5	9/25/2009	<0.92	<0.92	<0.92	<0.92	<0.92	<4.6	<0.92	<0.92	<1.9	--	<1.9	<1.9	<1.9	<0.92	<1.9	<1.9	<1.9	<1.9	<1.9	<0.92
		9.5 - 11	9/25/2009	<0.92	<0.92	<0.92	<0.92	<0.92	<4.6	<0.92	<0.92	<1.9	--	<1.9	<1.9	<1.9	<0.92	<1.9	<1.9	<1.9	<1.9	<1.9	<0.92
	SA-148	9.5 - 11	9/23/2009	<0.90	<0.90	<0.90	<0.90	<0.90	<4.5	<0.90	<0.90	<1.8	--	<1.8	<1.8	<1.8	<0.90	<1.8	<1.8	<1.8	<1.8	<1.8	<0.90
	SA-191	0.5 - 2	9/29/2009	<0.88	<0.88	**1.0 J**	<0.88	<0.88	<4.4	<0.88	<0.88	<1.8	--	<1.8	**4.0**	<1.8	<0.88	<1.8	<1.8	<1.8	<1.8	<1.8	<0.88
		10 - 11.5	9/29/2009	<0.90	<0.90	<0.90	<0.90	<0.90	<4.5	<0.90	<0.90	<1.8	--	<1.8	<1.8	<1.8	<0.90	<1.8	<1.8	<1.8	<1.8	<1.8	<0.90
	SA-192	1 - 2.5	10/07/2009	<0.90	<0.90	<0.90	<0.90	<0.90	<4.5	<0.90	<0.90	<1.8	--	<1.8	<1.8	<1.8	<0.90	<1.8	<1.8	<1.8	<1.8	<1.8	<0.90
	SA-205	1 - 2.5	9/24/2009	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	4.6 UJ	0.92 UJ	0.92 UJ	1.9 UJ	--	1.9 UJ	1.9 UJ	1.9 UJ	0.92 UJ	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ	0.92 UJ
	SA-209	0.5 - 2	9/28/2009	<0.90	<0.90	**1.2 J**	<0.90	<0.90	<4.5	<0.90	<0.90	<1.8	--	<1.8	<1.8	<1.8	<0.90	<1.8	<1.8	<1.8	<1.8	<1.8	<0.90
		10 - 11.5	9/28/2009	<0.91	<0.91	**1.7 J**	<0.91	<0.91	<4.5	<0.91	<0.91	<1.8	--	<1.8	**2.4 J**	<1.8	<0.91	<1.8	<1.8	<1.8	<1.8	<1.8	<0.91
			9/28/2009 (FD)	<0.91	<0.91	**1.6 J**	<0.91	<0.91	<4.5	<0.91	<0.91	<1.8	--	<1.8	<1.8	<1.8	<0.91	<1.8	<1.8	<1.8	<1.8	<1.8	<0.91
Phase 2 RI	RI-22	1 - 1.5	5/04/2017	<1.6	<1.6	**6.8**	<1.6	<1.6	--	<2.1	<1.6	<1.6	<1.6	<1.6	**1.7 J**	<1.6	<1.6	<1.6	<2.1	<1.6	<1.6	<2.1	<2.1
		5 - 5.5	5/04/2017	<3.3	<3.3	<3.3	<3.3	<3.3	--	<4.4	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<4.4	<3.3	<3.3	<4.4	<4.4
		10 - 10.5	5/04/2017	<3.4	<3.4	<3.4	<3.4	<3.4	--	<4.6	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<4.6	<3.4	<3.4	<4.6	<4.6
	RI-27	1 - 1.5	5/19/2017	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.1	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<2.1	<1.6	<1.6	<2.1	<2.1
		5 - 5.5	5/19/2017	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.2	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<2.2	<1.6	<1.6	<2.2	<2.2
		10 - 10.5	5/19/2017	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.2	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<2.2	<1.6	<1.6	<2.2	<2.2
	RI-28	1 - 1.5	6/14/2017	<1.6	<1.6	<1.6	<1.6	<1.6	--	2.1 UJ	1.6 UJ	<1.6	<1.6	**2.9 J+**	<1.6	<1.6	<1.6	1.6 UJ	<2.1	1.6 UJ	<1.6	<2.1	<2.1
		5 - 5.5	6/14/2017	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.1	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<2.1	<1.6	<1.6	<2.1	<2.1
		10 - 10.5	6/14/2017	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.2	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<2.2	<1.6	<1.6	<2.2	<2.2

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-1i. SOIL ANALYTICAL RESULTS, ECA GROUP BW
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)			
				Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Toxaphene
			HSSL:	366	231	4,560,000	3,210
Phase B	RSAQ3	9.5 - 11	9/30/2009	<0.91	<0.91	<9.0	<18
	RSAR3	1 - 2.5	10/01/2009	<0.92	**8.2**	<9.2	<19
	RSAR4	0.5 - 2	9/30/2009	<0.90	**11**	<8.9	<18
		10 - 11.5	9/30/2009	<0.91	<0.91	<9.0	<18
			9/30/2009 (FD)	<0.91	<0.91	<9.0	<18
	SA-29	0.5 - 2	9/28/2009	<8.9	**66**	<89	<180
		10 - 11.5	9/28/2009	<9.1	**270**	<90	<180
	SA-84	10 - 11.5	9/24/2009	<0.91	<0.91	<9.0	<18
			9/24/2009 (FD)	<0.91	<0.91	<9.1	<19
	SA-101	0 - 1.5	9/25/2009	<0.92	**5.4**	<9.1	<19
		9.5 - 11	9/25/2009	<0.92	<0.92	<9.1	<19
	SA-148	9.5 - 11	9/23/2009	<0.90	<0.90	<9.0	<18
	SA-191	0.5 - 2	9/29/2009	<0.88	**1.2 J**	<8.8	<18
		10 - 11.5	9/29/2009	<0.90	<0.90	<9.0	<18
	SA-192	1 - 2.5	10/07/2009	<0.90	<0.90	<9.0	<18
	SA-205	1 - 2.5	9/24/2009	0.92 UJ	**5.4 J-**	9.1 UJ	19 UJ
	SA-209	0.5 - 2	9/28/2009	<0.90	<0.90	<8.9	<18
		10 - 11.5	9/28/2009	<0.91	**0.97 J**	<9.0	<18
			9/28/2009 (FD)	<0.91	<0.91	<9.0	<18
Phase 2 RI	RI-22	1 - 1.5	5/04/2017	<2.1	--	<1.6	<52
		5 - 5.5	5/04/2017	<4.4	--	<3.3	<110
		10 - 10.5	5/04/2017	<4.6	--	<3.4	<110
	RI-27	1 - 1.5	5/19/2017	<2.1	--	<1.6	<53
		5 - 5.5	5/19/2017	<2.2	--	<1.6	<55
		10 - 10.5	5/19/2017	<2.2	--	<1.6	<55
	RI-28	1 - 1.5	6/14/2017	<2.1	--	<1.6	<54
		5 - 5.5	6/14/2017	<2.1	--	<1.6	<52
		10 - 10.5	6/14/2017	<2.2	--	<1.6	<54

Notes:

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µg/kg: micrograms per kilogram
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Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-1j. SOIL ANALYTICAL RESULTS, ECA GROUP BW
Pesticides - OPPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OPPs (µg/kg)																		
				Chlorpyrifos	Coumaphos	Dasanit	Demeton-O	Demeton-S	Diazinon	Dichlorovos	Dimethoate	Disulfoton	EPN	Ethoprop	Famphur	Fenthion	Guthion	Malathion	Merphos	Methyl parathion	Mevinphos	Naled	Parathion
			HSSL:	912,000	--	--	--	--	638,000	12,200	2,010,000	36,500	9,120	--	--	--	2,740,000	18,200,000	1,030	228,000	--	1,290	5,470,000
Phase B	RSAR3	1 - 2.5	10/01/2009	<7.1	<3.1	<8.9	<5.8	<5.3	<7.9	<8.1	<7.7	<8.4	<4	<5.4	<3.5	<9.5	<3.8	<5.1	<5.6	<7	5 UJ	25 UJ	<5.8
	SA-148	9.5 - 11	9/23/2009	7.0 UJ	<3.0	<8.8	<5.7	<5.3	<7.9	<8.0	<7.7	<8.4	<4.0	<5.3	<3.5	<9.5	<3.8	<5.0	<5.6	6.9 UJ	5.0 UJ	<24	<5.7
	SA-192	1 - 2.5	10/07/2009	<6.9	<3	<8.7	<5.7	<5.2	<7.8	<7.9	<7.6	<8.3	<3.9	<5.3	<3.4	<9.4	<3.7	<5	<5.5	<6.8	4.9 UJ	24 UJ	<5.7
	SA-209	0.5 - 2	9/28/2009	<6.9	<3	<8.7	<5.7	<5.2	<7.8	<7.9	<7.6	<8.3	<3.9	<5.3	<3.4	<9.3	<3.7	<5	<5.5	<6.8	4.9 UJ	<24	<5.7
		10 - 11.5	9/28/2009	<7	<3	<8.8	<5.7	<5.3	<7.9	<8	<7.7	<8.4	<4	<5.3	<3.5	<9.5	<3.8	<5	<5.6	<6.9	5 UJ	<24	<5.7
			9/28/2009 (FD)	<7	<3	<8.8	<5.7	<5.3	<7.9	<8	<7.7	<8.4	<4	<5.3	<3.5	<9.5	<3.8	<5	<5.6	<6.9	5 UJ	<25	<5.7

Notes:
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Detected above the HSSL.
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J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-1j. SOIL ANALYTICAL RESULTS, ECA GROUP BW
Pesticides - OPPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OPPs (µg/kg)							
				Phorate	Prothiophos	Ronnel	Stirophos	Sulfotepp	Sulprofos	Thionazin	Trichloronate
			HSSL:	182,000	--	26,800	147,000	456,000	--	--	--
Phase B	RSAR3	1 - 2.5	10/01/2009	<6.2	<4.3	<17	<4.8	<6.8	<4.6	<6.1	<6.8
	SA-148	9.5 - 11	9/23/2009	<6.2	<4.2	<16	<4.7	<6.8	<4.6	<6.0	6.8 UJ
	SA-192	1 - 2.5	10/07/2009	<6.1	<4.2	<16	<4.7	<6.7	<4.5	<6	<6.7
	SA-209	0.5 - 2	9/28/2009	<6.1	<4.2	<16	<4.7	<6.7	<4.5	<6	<6.7
		10 - 11.5	9/28/2009	<6.2	<4.2	<16	<4.7	<6.8	<4.6	<6	<6.8
			9/28/2009 (FD)	<6.2	<4.2	<16	<4.7	<6.8	<4.6	<6	<6.8

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
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Detected above the HSSL.
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J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-1k. SOIL ANALYTICAL RESULTS, ECA GROUP BW
Petroleum Indicators (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Petroleum Indicators (mg/kg)		
				Petroleum Hydrocarbons	Gasoline Range Organics	Diesel Range Organics
			HSSL:	--	--	--
Phase A	SA-4	10 - 11.5	11/14/2006	<27	<0.11	<27
Phase B	RSAQ3	9.5 - 11	9/30/2009	<43	--	<43
	RSAR3	1 - 2.5	10/01/2009	<44	--	<44
	RSAR4	0.5 - 2	9/30/2009	<43	--	<43
		10 - 11.5	9/30/2009	<43	--	<43
			9/30/2009 (FD)	<43	--	<43
	SA-29	0.5 - 2	9/28/2009	**43**	--	<42
		10 - 11.5	9/28/2009	<43	--	<43
	SA-84	10 - 11.5	9/24/2009	<43	--	<43
			9/24/2009 (FD)	<43	--	<43
	SA-101	0 - 1.5	9/25/2009	<43	--	<43
		9.5 - 11	9/25/2009	<43	--	<43
	SA-110	10 - 11.5	9/29/2009	<43	--	<43
	SA-111	1.5 - 3.5	10/05/2009	<43	--	<43
		10 - 12	10/05/2009	<43	--	<43
	SA-120	0 - 1.5	9/28/2009	<43	--	<43
		9.5 - 11	9/28/2009	<43	--	<43
	SA-135	1 - 2.5	9/08/2009	**70**	--	**35 J**
	SA-148	9.5 - 11	9/23/2009	<43	--	<43
	SA-169	9.5 - 11.5	10/02/2009	**320**	--	**290**
	SA-190	0 - 1.5	9/30/2009	**83**	--	**53**
		9.5 - 11	9/30/2009	<43	--	<43
	SA-191	0.5 - 2	9/29/2009	<42	--	<42
		10 - 11.5	9/29/2009	<43	--	<43
	SA-192	1 - 2.5	10/07/2009	<43	--	<43
	SA-193	0 - 1	9/29/2009	**54**	--	<42
		1.5 - 3	9/29/2009	**52**	--	<43
		9 - 10.5	9/29/2009	<43	--	<43
			9/29/2009 (FD)	<43	--	<43
	SA-205	1 - 2.5	9/24/2009	<43	--	<43
	SA-209	0.5 - 2	9/28/2009	<42	--	<42
		10 - 11.5	9/28/2009	<43	--	**37 J**
			9/28/2009 (FD)	**48**	--	**72**
	SA-213	1 - 2.5	9/29/2009	<44	--	<44

Notes:

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Detected above the HSSL.

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J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-1l. SOIL ANALYTICAL RESULTS, ECA GROUP BW
Other Organics (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Organics (µg/kg)				
				Benzenesulfonic acid	4-Chlorobenzene sulfonic acid	Diethylphosphoro-dithioate	o,o-Dimethyl Phosphorodithioate	Phthalic acid
			HSSL:	100,000,000	91,200,000	100,000,000	100,000,000	100,000,000
Phase B	RSAR3	1 - 2.5	10/01/2009	<250	<250	<250	<1,300	<250
	SA-148	9.5 - 11	9/23/2009	<250	<250	<250	<1,300	<250
	SA-192	1 - 2.5	10/07/2009	<250	<250	<250	<1,300	<250
	SA-209	0.5 - 2	9/28/2009	<250	<250	<250	<1,300	<250
		10 - 11.5	9/28/2009	<250	<250	<250	<1,300	<250
			9/28/2009 (FD)	<250	<250	<250	<1,300	<250

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

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Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-1m. SOIL ANALYTICAL RESULTS, ECA GROUP BW
Asbestos (s/samp)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Asbestos (s/samp)								
				Long Amphibole Protocol Structures Count	Long Asbestos Protocol Structures Count	Long Chrysotile Protocol Structures Count	Short Amphibole Structures Counts	Short Asbestos Structures Counts	Short Chrysotile Structures Counts	Total Amphibole Protocol Structures Count	Total Asbestos Protocol Structures Count	Total Chrysotile Protocol Structures Count
			HSSL:	0	--	5	--	--	--	--	--	--
Phase B	RSAR3	0.5 - 1	8/07/2009	0	**8**	**8**	0	**3**	**3**	0	**11**	**11**
	RSAR4	0 - 0.5	8/07/2009	0	**8**	**8**	0	**18**	**18**	0	**26**	**26**
			8/07/2009 (FD)	0	**12**	**12**	0	**10**	**10**	0	**22**	**22**
	SA-29	0.5	8/07/2009	0	**20**	**20**	0	**16**	**16**	0	**36**	**36**
	SA-101	0	8/07/2009	2	**5**	**3**	**3**	**15**	**12**	**5**	**20**	**15**
	SA-111	0.5	8/07/2009	0	**26**	**26**	0	**18**	**18**	0	**44**	**44**
	SA-120	0	8/07/2009	0	**17**	**17**	0	**17**	**17**	0	**34**	**17**
	SA-135	0.5 - 1	9/16/2009	0	0	0	0	**1**	**1**	0	**1**	**1**
	SA-190	0	10/02/2009	0	**1**	**1**	0	**3**	**3**	0	**4**	**4**
	SA-191	0 - 0.5	8/07/2009	0	**25**	**25**	0	**33**	**33**	0	**58**	**58**
	SA-192	0.5 - 1	8/07/2009	**1**	**4**	**3**	0	0	0	**1**	**4**	**3**
	SA-193	0	8/07/2009	**1**	**2**	**1**	**3**	**3**	0	**4**	**5**	**1**
	SA-209	0 - 0.5	8/07/2009	0	0	0	0	0	0	0	0	0
	SA-213	0.5 - 1	10/13/2009	0	**8**	**8**	0	**7**	**7**	0	**15**	**15**
Pre-Excavation	RSAR4	0.5	4/08/2010	0	**5**	**5**	0	**2 J**	**2 J**	0	**7**	**7**
	SA-111	0.5	4/08/2010	0	**13**	**13**	0	**7**	**7**	0	**20**	**20**
		1	5/19/2010	0	**9 J**	**9 J**	0	**9 J**	**9 J**	0	**18 J**	**18 J**
			5/26/2010	0	0	0	0	0	0	0	0	0
	SA-191	0.5	4/08/2010	0	**2 J**	**2 J**	0	**1 J**	**1 J**	0	**3**	**3**
	SSAQ4-06	0	10/08/2010	0	**1**	**1**	0	0	0	0	**1**	**1**
	SSAQ4-09	0	8/05/2010	0	**4 J**	**4 J**	0	**8 J**	**8 J**	0	**12 J**	**12 J**
	SSAR3-01	0	5/26/2010	0	0	0	0	0	0	0	0	0
	SSAR4-01	0	4/08/2010	0	0	0	0	0	0	0	0	0
	SSAR5-01	0	4/08/2010	0	**4**	**4**	0	**9**	**9**	0	**13**	**13**

Notes:

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ft bgs: feet below ground surface
s/samp: strands per sample
HSSL: health-based soil screening level

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Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-2a. SOIL ANALYTICAL RESULTS, ECA GROUP BC
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)															
				Ammonia	Bicarbonate as HCO_3	Bromide	Carbonate as CO_3	Chlorate	Chloride	Chromium (total)	Chromium VI	Cyanide (total)	Hydroxide	Nitrate (as NO_3)	Nitrate Nitrite as N	Nitrite	Perchlorate	ortho-Phosphate	Sulfate
			HSSL:	27,900	--	--	--	38,900	--	100,000	564	164	--	100,000	--	120,000	908	--	--
Phase B	RSAQ5	1 - 2.5	9/09/2009	<0.097	--	<0.2	**50**	<0.044	**4.9 J+**	**7.25**	<0.19	<0.42	--	**6.6 J+**	--	**0.38**	**0.092**	--	**65.9 J+**
	RSAR5	0 - 1.5	10/06/2009	<0.097	--	<0.2	**14 J**	**0.135 J**	**7.6 J+**	**7.07**	<0.20	<0.42	--	**5.7 J+**	--	<0.08	**0.084**	--	**98.7**
		9.5 - 11	10/06/2009	<0.097	--	<0.2	**23**	**1.76**	**37.5 J+**	**6.71**	<0.19	<0.42	--	**11 J+**	--	<0.08	**0.866**	--	**216**
	RSAR6	1 - 2.5	9/14/2009	<0.097	--	<0.2	**12 J**	**24.6**	**60.8 J+**	**7.09**	**0.22 J**	--	--	**4.7 J+**	--	<0.08	**1.5**	--	**105 J+**
		9.5 - 11	9/14/2009	<0.097	--	<0.2	**29**	**1.69**	**6.6 J+**	**9.37**	<0.19	--	--	**5.3 J+**	--	<0.08	**0.307**	--	**29.9 J+**
	RSAR7	8 - 9.5	10/12/2009	**1.4 J+**	--	<0.2	**123**	**21 J-**	**20.5 J**	**13.4 J**	**0.89**	--	--	**8.3 J+**	--	**2.94**	**1,260 J-**	--	**137 J+**
			10/12/2009 (FD)	**1.3 J+**	--	<0.2	**118**	**19.7 J+**	**20.1 J**	**11.4 J**	**1.03**	--	--	**7.8 J+**	--	**3.02**	**1,210 J-**	--	**130 J+**
	SA-30	5 - 6.5	9/15/2009	<0.097	--	<0.2	**90**	**32.8**	**26.9 J+**	**7.9**	<0.19	<0.42	--	**5.5 J+**	--	<0.08	**2.48**	--	**59.3 J+**
		9 - 10.5	9/15/2009	<0.097	--	<0.2	**87**	**44.1**	**23.1 J+**	**8.66**	<0.19	<0.42	--	**5.2 J+**	--	<0.08	**2.0**	--	**50.8 J+**
	SA-32	8 - 9.5	9/21/2009	<0.097	--	<0.2	**111**	**10.7 J+**	**37.0 J+**	**12.1**	**2.43**	<0.42	--	**6.5 J+**	--	<0.08	**18.5**	--	**81.4 J+**
	SA-124	1 - 2.5	9/10/2009	**0.81 J+**	--	<0.2	**232**	**599**	**142 J+**	**30.7**	**5.17**	<0.42	--	**16 J+**	--	**1.00**	**27.2**	--	**78.7 J+**
	SA-125	1 - 2.5	9/10/2009	**0.13 J**	--	<0.2	**161**	**3.49**	**9.7 J+**	**9.06**	**0.26 J**	<0.5	--	**5.8 J+**	--	**0.35**	**0.416**	--	**89.1 J+**
	SA-133	0.5 - 2	9/01/2009	<0.097	--	<0.2	**30**	<0.044	**3.8 J**	**7.13**	<0.19	<0.42	--	**4.4 J**	--	<0.08	<0.044	--	**153 J**
		10 - 11.5	9/01/2009	<0.097	--	<0.2	<3	**0.488**	**90.3 J**	**8.77**	<0.19	<0.5	--	**7 J**	--	<0.08	<0.044	--	**16,900 J**
	SA-161	1.5 - 3	9/18/2009	**26**	--	<0.2	**131**	**4.85**	**9.3 J**	**11.8**	**1.21**	<0.5	--	**150 J**	--	**4.16**	**13.1**	--	**33.0 J**
	SA-208	9 - 10.5	9/25/2009	<0.097	--	<0.2	**175**	**377 J+**	**125 J+**	**13.4**	**5.36**	--	--	**10 J+**	--	**0.08 J**	**15.6**	--	**49.2 J+**
Pre-Excavation	RSAR7	5 - 6	4/07/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**36,000**	--	--
		7 - 8	4/07/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**56,000**	--	--
	SSAQ5-02	1 - 2	5/05/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.14**	--	--
			5/05/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.15**	--	--
		5 - 6	5/05/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.51**	--	--
	SSAR6-04	1.5 - 2.5	4/26/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**4,100**	--	--
		5.5 - 6.5	4/26/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**3,300**	--	--
		7.5 - 8.5	4/26/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,700**	--	--
		9.5 - 10.5	4/26/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,500**	--	--
	SSAR6-05	0.5 - 1.5	6/24/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**3.2 J**	--	--
		2.5 - 3.5	6/24/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.7 J**	--	--
		4.5 - 5.5	6/24/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**3.6 J**	--	--
			6/24/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	**3.4 J**	--	--
		6.5 - 7.5	6/24/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.8 J**	--	--
		8.5 - 9.5	6/24/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**3.4 J**	--	--
	SSAR6-06	0 - 0.5	10/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**1.7**	--	--
		0.5 - 1.5	10/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**1.9**	--	--
		1.5 - 2.5	10/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.3**	--	--
		2.5 - 3.5	10/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**1.7**	--	--
		3.5 - 4.5	10/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.2**	--	--
			10/14/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.3**	--	--
		4.5 - 5.5	10/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.96**	--	--
		5.5 - 6.5	10/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**3.5**	--	--
		6.5 - 7.5	10/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.94**	--	--
		7.5 - 8.5	10/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.86**	--	--
		8.5 - 9.5	10/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**1.5**	--	--
		9.5 - 10.5	10/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**1.9**	--	--
	SSAR7-04	0.5 - 1.5	4/27/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.58 J+**	--	--
		4.5 - 5.5	4/27/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.48 J+**	--	--
Phase 1 RI	M-189	0.5 - 1	12/02/2014	<2.6	**34,000**	<3.7	**1,900**	**43**	**150 J**	**16**	**0.66 J**	--	<180	**47**	**11**	<1.2	**270**	<4.3	**120**
		5 - 5.5	12/02/2014	**5.5 J**	**31,000**	<3.7	**1,900**	**31**	**19 J**	**15**	<0.43	--	<180	**6.1**	**1.4 J**	<1.2	**82**	<4.3	**30**
			12/02/2014 (FD)	**5.2 J**	**30,000**	<3.7	**1,900**	**30**	**28 J**	**17**	<0.43	--	<180	**7.4**	**1.7**	<1.2	**100**	<4.2	**41**
		10 - 10.5	12/02/2014	**4.1 J**	**67,000**	<3.8	**1,900**	**2.7**	**6.0 J**	**16**	<0.43	--	<180	**5.9**	**1.3 J**	<1.2	**12**	<4.3	**16**
	M-191	1 - 1.5	12/01/2014	<2.6	**49,000**	<3.8	**2,000**	**830**	**580**	**150 J**	**6.3**	--	<180	**13**	**7.1 J**	**4.2 J**	**180**	<4.4	**90**

Table A-2a. SOIL ANALYTICAL RESULTS, ECA GROUP BC
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)															
				Ammonia	Bicarbonate as HCO_3	Bromide	Carbonate as CO_3	Chlorate	Chloride	Chromium (total)	Chromium VI	Cyanide (total)	Hydroxide	Nitrate (as NO_3)	Nitrate Nitrite as N	Nitrite	Perchlorate	ortho-Phosphate	Sulfate
			HSSL:	27,900	--	--	--	38,900	--	100,000	564	164	--	100,000	--	120,000	908	--	--
Phase 1 RI	M-191	1 - 1.5	12/01/2014 (FD)	<2.7	**8,700**	<3.9	**1,600**	**860**	**540**	**330 J**	**7.8**	--	<190	**12**	**2.8 J**	1.2 UJ	**170**	<4.4	**88**
		5 - 5.5	12/01/2014	**4.1 J**	**54,000**	<3.7	**1,900**	**550**	**320**	**38**	**6.0**	--	<180	**9.1**	**6.2**	**4.1**	**210**	<4.3	**570**
		10 - 10.5	12/01/2014	**3.0 J**	**59,000**	--	**1,300**	**2,300**	--	**60**	**19**	--	<180	--	--	--	**890**	--	--
	M-192	0.5 - 1	12/03/2014	<2.6	**93,000**	<3.7	**1,300**	**13**	**170**	**7.3**	<0.43	--	<180	**7.8**	**6.5**	**4.7**	**110**	<4.2	**720**
		5 - 5.5	12/03/2014	<2.6	**51,000**	**8.3**	**1,300**	**50**	**450**	**17**	<0.43	--	<180	**16**	**3.5**	<1.2	**190**	<4.4	**230**
		10 - 10.5	12/03/2014	<2.6	**53,000**	**11**	**1,300**	**93**	**400**	--	**0.62 J**	--	<180	**9.3**	**2.1**	<1.2	**150**	<4.3	**130**
Phase 2 RI	RI-23	2 - 2.5	5/17/2017	--	--	--	--	**0.20 J**	--	**24**	0.17 UJ	--	--	<3.9	<1.2	<1.2	**0.046**	--	--
		5 - 5.5	5/17/2017	--	--	--	--	**0.22**	--	**17**	0.16 UJ	--	--	<3.8	<1.2	<1.2	**0.048**	--	--
		10 - 10.5	5/17/2017	--	--	--	--	**2.2**	--	**22**	0.16 UJ	--	--	<3.8	<1.2	<1.2	**0.040**	--	--
Unit Buildings 4 and 5 Investigation	U4U5-2	1	10/30/2015	<2.2	--	--	--	--	--	**15**	<0.16	--	--	--	--	--	**0.082**	--	--
		2.5	10/30/2015	<2.2	--	--	--	--	--	**15**	<0.17	--	--	--	--	--	**0.16**	--	--
		5	10/30/2015	<2.3	--	--	--	--	--	**23**	**0.64**	--	--	--	--	--	**0.34**	--	--
		7.5	10/30/2015	<2.3	--	--	--	--	--	**19**	<0.18	--	--	--	--	--	**0.020 J**	--	--
	U4U5-3	2.5	10/29/2015	<2.2	--	--	--	--	--	**15**	**0.25 J**	--	--	--	--	--	**97**	--	--
		5	10/29/2015	<2.3	--	--	--	--	--	**19**	**0.25 J**	--	--	--	--	--	**150**	--	--
		7.5	10/29/2015	<2.3	--	--	--	--	--	**18**	**0.19 J**	--	--	--	--	--	**59**	--	--
		10	10/29/2015	<2.3	--	--	--	--	--	**15**	<0.17	--	--	--	--	--	**32**	--	--
	U4U5-4	1	10/30/2015	<2.2	--	--	--	--	--	**16**	<0.16	--	--	--	--	--	**180**	--	--
		2.5	10/30/2015	<2.2	--	--	--	--	--	**16**	<0.17	--	--	--	--	--	**140**	--	--
		5	10/30/2015	<2.2	--	--	--	--	--	**14**	**0.18 J**	--	--	--	--	--	**110**	--	--
		7.5	10/30/2015	<2.2	--	--	--	--	--	**15**	**0.41**	--	--	--	--	--	**47**	--	--
		10	10/30/2015	<2.1	--	--	--	--	--	**16**	<0.16	--	--	--	--	--	**48**	--	--
	U4U5-20	1	8/02/2016	--	--	--	--	--	--	**51**	**2.1**	--	--	--	--	--	**9.2**	--	--
		2.5	8/02/2016	--	--	--	--	--	--	**60**	**2.9**	--	--	--	--	--	**5.5**	--	--
		5	8/02/2016	--	--	--	--	--	--	**200**	**8.3**	--	--	--	--	--	**9.3**	--	--
		7.5	8/02/2016	--	--	--	--	--	--	**41**	**3.3**	--	--	--	--	--	**10**	--	--
		10	8/02/2016	--	--	--	--	--	--	**43**	**2.5**	--	--	--	--	--	**49**	--	--
	U4U5-21	1.5	7/19/2016	--	--	--	--	--	--	**70**	**16**	--	--	--	--	--	**29**	--	--
		2.5	7/19/2016	--	--	--	--	--	--	**68**	**13**	--	--	--	--	--	**29**	--	--
		5	7/20/2016	--	--	--	--	--	--	**110 J-**	**62**	--	--	--	--	--	**78**	--	--
			7/20/2016 (FD)	--	--	--	--	--	--	**100**	**46**	--	--	--	--	--	**190**	--	--
		7.5	7/20/2016	--	--	--	--	--	--	**74**	**19**	--	--	--	--	--	**71**	--	--
		10	7/20/2016	--	--	--	--	--	--	**57**	**21**	--	--	--	--	--	**63**	--	--
	U4U5-22	1.5	7/19/2016	--	--	--	--	--	--	**29**	**1.3**	--	--	--	--	--	**24**	--	--
		2.5	7/19/2016	--	--	--	--	--	--	**52**	**1.8**	--	--	--	--	--	**29**	--	--
		5	7/20/2016	--	--	--	--	--	--	**60**	**1.1**	--	--	--	--	--	**25**	--	--
		7.5	7/20/2016	--	--	--	--	--	--	**55**	**1.3**	--	--	--	--	--	**8.6**	--	--
		10	7/21/2016	--	--	--	--	--	--	**40**	**1.4**	--	--	--	--	--	**2.4**	--	--
	U4U5-23	1	7/19/2016	--	--	--	--	--	--	**61**	**1.2**	--	--	--	--	--	**410**	--	--
		2.5	7/19/2016	--	--	--	--	--	--	**120**	**1.8**	--	--	--	--	--	**420**	--	--
		5	7/19/2016	--	--	--	--	--	--	**39**	**1.8**	--	--	--	--	--	**32**	--	--
		7.5	7/19/2016	--	--	--	--	--	--	**32**	**0.65**	--	--	--	--	--	**18**	--	--
		10	7/19/2016	--	--	--	--	--	--	**27**	**0.37**	--	--	--	--	--	**1.6**	--	--
	U4U5-24	1	7/19/2016	--	--	--	--	--	--	**19**	**0.66**	--	--	--	--	--	**23**	--	--
		2.5	7/19/2016	--	--	--	--	--	--	**23**	**0.70**	--	--	--	--	--	**28**	--	--
		5	7/19/2016	--	--	--	--	--	--	**22**	**0.96**	--	--	--	--	--	**50**	--	--
		7.5	7/19/2016	--	--	--	--	--	--	**20**	**0.36**	--	--	--	--	--	**50**	--	--
	U4U5-25	1	8/11/2016	--	--	--	--	--	--	**34**	**1.1**	--	--	--	--	--	**110**	--	--
		2.5	8/11/2016	--	--	--	--	--	--	**19**	<0.17	--	--	--	--	--	**100**	--	--
		5	8/11/2016	--	--	--	--	--	--	**16**	<0.17	--	--	--	--	--	**25**	--	--

Table A-2a. SOIL ANALYTICAL RESULTS, ECA GROUP BC
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)															
				Ammonia	Bicarbonate as HCO_3	Bromide	Carbonate as CO_3	Chlorate	Chloride	Chromium (total)	Chromium VI	Cyanide (total)	Hydroxide	Nitrate (as NO_3)	Nitrate Nitrite as N	Nitrite	Perchlorate	ortho-Phosphate	Sulfate
			HSSL:	27,900	--	--	--	38,900	--	100,000	564	164	--	100,000	--	120,000	908	--	--
Unit Buildings 4 and 5 Investigation	U4U5-25	7.5	8/12/2016	--	--	--	--	--	--	**25**	<0.19	--	--	--	--	--	**16**	--	--
		10	8/12/2016	--	--	--	--	--	--	**22**	<0.17	--	--	--	--	--	**3.4**	--	--
	U4U5-27	1	8/16/2016	--	--	--	--	--	--	**33**	**0.55**	--	--	--	--	--	**17**	--	--
		2.5	8/16/2016	--	--	--	--	--	--	**17**	<0.16	--	--	--	--	--	**0.36**	--	--
		5	8/16/2016	--	--	--	--	--	--	**19**	<0.17	--	--	--	--	--	**0.19**	--	--
		7.5	8/17/2016	--	--	--	--	--	--	**21**	**0.27 J**	--	--	--	--	--	**0.18 J-**	--	--
			8/17/2016 (FD)	--	--	--	--	--	--	**18**	<0.17	--	--	--	--	--	**0.24 J-**	--	--
		10	8/17/2016	--	--	--	--	--	--	**22**	**0.19 J**	--	--	--	--	--	**0.15**	--	--
	U4U5-28	1	8/15/2016	--	--	--	--	--	--	**73**	**6.1**	--	--	--	--	--	**50**	--	--
		2.5	8/15/2016	--	--	--	--	--	--	**43**	**2.1**	--	--	--	--	--	**7.2**	--	--
		5	8/15/2016	--	--	--	--	--	--	**52**	**13**	--	--	--	--	--	**13**	--	--
		7.5	8/15/2016	--	--	--	--	--	--	**53**	**14**	--	--	--	--	--	**34**	--	--
		10	8/15/2016	--	--	--	--	--	--	**46**	**19**	--	--	--	--	--	**43**	--	--
			8/15/2016 (FD)	--	--	--	--	--	--	**30**	**3.5**	--	--	--	--	--	**4.9**	--	--
	U4U5-29	1.5	7/19/2016	--	--	--	--	--	--	**28**	**1.6**	--	--	--	--	--	**51**	--	--
		2.5	7/19/2016	--	--	--	--	--	--	**43**	**0.99**	--	--	--	--	--	**65**	--	--
		5	7/21/2016	--	--	--	--	--	--	**33**	**1.3**	--	--	--	--	--	**16**	--	--
		7.5	7/21/2016	--	--	--	--	--	--	**24**	**0.72**	--	--	--	--	--	**3.7**	--	--
		10	7/21/2016	--	--	--	--	--	--	**30**	**0.85**	--	--	--	--	--	**11**	--	--
	U4U5-30	1.5	7/20/2016	--	--	--	--	--	--	**150**	**9.6**	--	--	--	--	--	**70**	--	--
		2.5	7/20/2016	--	--	--	--	--	--	**84**	**16**	--	--	--	--	--	**62**	--	--
		5	7/22/2016	--	--	--	--	--	--	**38**	**14**	--	--	--	--	--	**100**	--	--
		7.5	7/22/2016	--	--	--	--	--	--	**130**	**30**	--	--	--	--	--	**730**	--	--
		10	7/22/2016	--	--	--	--	--	--	**190**	**51**	--	--	--	--	--	**610**	--	--
	U4U5-31	1.5	7/20/2016	--	--	--	--	--	--	**33**	**7.3**	--	--	--	--	--	**5.2**	--	--
		2.5	7/20/2016	--	--	--	--	--	--	**53**	**0.70**	--	--	--	--	--	**2.7**	--	--
			7/20/2016 (FD)	--	--	--	--	--	--	**24**	**0.64**	--	--	--	--	--	**52**	--	--
		5	7/20/2016	--	--	--	--	--	--	**48**	**1.6**	--	--	--	--	--	**180**	--	--
		7.5	7/20/2016	--	--	--	--	--	--	**34**	**0.45**	--	--	--	--	--	**8.4**	--	--
		10	7/20/2016	--	--	--	--	--	--	**37**	**0.89**	--	--	--	--	--	**5.5**	--	--
	U4U5-32	1.5	7/22/2016	--	--	--	--	--	--	**25**	**0.57**	--	--	--	--	--	**340**	--	--
		2.5	7/22/2016	--	--	--	--	--	--	**21**	**0.99**	--	--	--	--	--	**300**	--	--
		5	7/22/2016	--	--	--	--	--	--	**26**	**0.45**	--	--	--	--	--	**190**	--	--
		7.5	7/22/2016	--	--	--	--	--	--	**16**	**0.20 J**	--	--	--	--	--	**18**	--	--
	U4U5-33	1	8/17/2016	--	--	--	--	--	--	**6.3**	<0.16	--	--	--	--	--	**8.9**	--	--
		2.5	8/17/2016	--	--	--	--	--	--	**25**	**0.86**	--	--	--	--	--	**92**	--	--
		5	8/18/2016	--	--	--	--	--	--	**26**	<0.21	--	--	--	--	--	**130**	--	--
		7.5	8/18/2016	--	--	--	--	--	--	**18**	**0.17 J**	--	--	--	--	--	**44**	--	--
		10	8/18/2016	--	--	--	--	--	--	**13**	<0.17	--	--	--	--	--	**60**	--	--
	U4U5-34	2.5	8/11/2016	--	--	--	--	--	--	<2.6	<0.16	--	--	--	--	--	**0.17**	--	--
		5	8/11/2016	--	--	--	--	--	--	**17**	**0.46**	--	--	--	--	--	**72**	--	--
		7.5	8/11/2016	--	--	--	--	--	--	**20**	**0.31 J**	--	--	--	--	--	**80**	--	--
		10	8/12/2016	--	--	--	--	--	--	**24**	**0.21 J**	--	--	--	--	--	**13**	--	--
	U4U5-36	1	8/16/2016	--	--	--	--	--	--	**12**	<0.16	--	--	--	--	--	**0.61**	--	--
		2.5	8/16/2016	--	--	--	--	--	--	**16**	**0.20 J**	--	--	--	--	--	**0.53**	--	--
		5	8/16/2016	--	--	--	--	--	--	**17**	**0.31 J**	--	--	--	--	--	**0.79**	--	--
		7.5	8/16/2016	--	--	--	--	--	--	**21**	**0.42**	--	--	--	--	--	**0.87**	--	--
		10	8/16/2016	--	--	--	--	--	--	**18**	**1.2**	--	--	--	--	--	**0.43**	--	--
	U4U5-37	1	8/02/2016	--	--	--	--	--	--	**120**	**20**	--	--	--	--	--	**350**	--	--
		2.5	8/02/2016	--	--	--	--	--	--	**53**	**16**	--	--	--	--	--	**270**	--	--

Table A-2a. SOIL ANALYTICAL RESULTS, ECA GROUP BC
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)															
				Ammonia	Bicarbonate as HCO_3	Bromide	Carbonate as CO_3	Chlorate	Chloride	Chromium (total)	Chromium VI	Cyanide (total)	Hydroxide	Nitrate (as NO_3)	Nitrate Nitrite as N	Nitrite	Perchlorate	ortho-Phosphate	Sulfate
			HSSL:	27,900	--	--	--	38,900	--	100,000	564	164	--	100,000	--	120,000	908	--	--
Unit Buildings 4 and 5 Investigation	U4U5-37	5	8/02/2016	--	--	--	--	--	--	**44**	**13**	--	--	--	--	--	**290**	--	--
		7.5	8/02/2016	--	--	--	--	--	--	**44**	**15**	--	--	--	--	--	**290**	--	--
		10	8/02/2016	--	--	--	--	--	--	**19**	**3.0**	--	--	--	--	--	**41**	--	--
	U4U5-38	1	8/04/2016	--	--	--	--	--	--	**58**	**5.6**	--	--	--	--	--	**22**	--	--
		2.5	8/04/2016	--	--	--	--	--	--	**40**	**0.99**	--	--	--	--	--	**30**	--	--
		5	8/04/2016	--	--	--	--	--	--	**56**	**1.6**	--	--	--	--	--	**6.6**	--	--
		7.5	8/04/2016	--	--	--	--	--	--	**32**	**0.89**	--	--	--	--	--	**1.7**	--	--
	U4U5-39	1	8/01/2016	--	--	--	--	--	--	**29**	**2.4 J**	--	--	--	--	--	**30**	--	--
			8/01/2016 (FD)	--	--	--	--	--	--	**33**	**1.1 J**	--	--	--	--	--	**22**	--	--
		2.5	8/01/2016	--	--	--	--	--	--	**81**	**4.7**	--	--	--	--	--	**700**	--	--
			8/01/2016 (FD)	--	--	--	--	--	--	**29**	**0.71**	--	--	--	--	--	**10**	--	--
		5	8/01/2016	--	--	--	--	--	--	**25**	**0.55**	--	--	--	--	--	**2.1**	--	--
		7.5	8/01/2016	--	--	--	--	--	--	**32**	**1.7**	--	--	--	--	--	**1.7**	--	--
		10	8/01/2016	--	--	--	--	--	--	**32**	**0.81**	--	--	--	--	--	**1.8**	--	--
	U4U5-40	1	8/03/2016	--	--	--	--	--	--	**29**	**1.2**	--	--	--	--	--	**21**	--	--
		2.5	8/03/2016	--	--	--	--	--	--	**20**	**0.38**	--	--	--	--	--	**1.8**	--	--
		5	8/03/2016	--	--	--	--	--	--	**21**	**0.21 J**	--	--	--	--	--	**27**	--	--
			8/03/2016 (FD)	--	--	--	--	--	--	**26**	<0.18	--	--	--	--	--	**24**	--	--
		7.5	8/03/2016	--	--	--	--	--	--	**20**	<0.20	--	--	--	--	--	**12**	--	--
		10	8/03/2016	--	--	--	--	--	--	**27**	**0.20 J**	--	--	--	--	--	**7.9**	--	--
	U4U5-41	1.5	7/27/2016	--	--	--	--	--	--	**35**	**2.6**	--	--	--	--	--	**160**	--	--
		2.5	7/27/2016	--	--	--	--	--	--	**51**	**6.2**	--	--	--	--	--	**150**	--	--
		5	7/27/2016	--	--	--	--	--	--	**42**	**8.1**	--	--	--	--	--	**150**	--	--
		7.5	7/27/2016	--	--	--	--	--	--	**39**	**6.5**	--	--	--	--	--	**160**	--	--
		10	7/27/2016	--	--	--	--	--	--	**41**	**7.6**	--	--	--	--	--	**98**	--	--
	U4U5-42	1	8/12/2016	--	--	--	--	--	--	**3.1 J**	<0.16	--	--	--	--	--	**5.8**	--	--
		2.5	8/12/2016	--	--	--	--	--	--	**3.9 J**	<0.16	--	--	--	--	--	**0.10 J**	--	--
			8/12/2016 (FD)	--	--	--	--	--	--	**3.0 J**	<0.16	--	--	--	--	--	**3.8 J**	--	--
		5	8/12/2016	--	--	--	--	--	--	**3.5 J**	<0.16	--	--	--	--	--	**0.027 J**	--	--
		7.5	8/12/2016	--	--	--	--	--	--	**11**	**0.36**	--	--	--	--	--	**1.9**	--	--
		10	8/12/2016	--	--	--	--	--	--	**17**	**0.20 J**	--	--	--	--	--	**12**	--	--
	U4U5-43	2.5	8/10/2016	--	--	--	--	--	--	<5.1	<0.16	--	--	--	--	--	**0.36**	--	--
		5	8/10/2016	--	--	--	--	--	--	<5.2	<0.16	--	--	--	--	--	**0.32**	--	--
		7.5	8/11/2016	--	--	--	--	--	--	**20**	**0.39**	--	--	--	--	--	**19**	--	--
		10	8/11/2016	--	--	--	--	--	--	**12**	**0.22 J**	--	--	--	--	--	**11**	--	--
	U4U5-45	5	7/27/2016	--	--	--	--	--	--	**48**	**4.9**	--	--	--	--	--	**22 J**	--	--
		7.5	7/27/2016	--	--	--	--	--	--	**29**	**2.8**	--	--	--	--	--	**170**	--	--
		10	7/27/2016	--	--	--	--	--	--	**28**	**2.1**	--	--	--	--	--	**120**	--	--
	U4U5-46	1	8/09/2016	--	--	--	--	--	--	**18**	**1.1**	--	--	--	--	--	**84**	--	--
		2.5	8/09/2016	--	--	--	--	--	--	**25**	**0.18 J**	--	--	--	--	--	**5.2**	--	--
		5	8/10/2016	--	--	--	--	--	--	**14**	**0.17 J**	--	--	--	--	--	**7.1**	--	--
		7.5	8/10/2016	--	--	--	--	--	--	**22**	**0.57**	--	--	--	--	--	**22**	--	--
		10	8/10/2016	--	--	--	--	--	--	**22**	**0.65**	--	--	--	--	--	**3.2**	--	--
	U4U5-47	1	8/10/2016	--	--	--	--	--	--	**31**	**3.4**	--	--	--	--	--	**9.1**	--	--
		2.5	8/10/2016	--	--	--	--	--	--	**25**	**1.8**	--	--	--	--	--	**29**	--	--
		5	8/10/2016	--	--	--	--	--	--	**26**	**0.39**	--	--	--	--	--	**3.1**	--	--
		7.5	8/10/2016	--	--	--	--	--	--	**26**	**1.2 J**	--	--	--	--	--	**10**	--	--
			8/10/2016 (FD)	--	--	--	--	--	--	**32**	**0.62 J**	--	--	--	--	--	**11**	--	--
		10	8/16/2016	--	--	--	--	--	--	**26**	**0.73**	--	--	--	--	--	**2.2**	--	--
	U4U5-48	1	6/28/2016	--	--	--	--	--	--	**28**	<0.16	--	--	--	--	--	**0.24**	--	--

Table A-2a. SOIL ANALYTICAL RESULTS, ECA GROUP BC
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)															
				Ammonia	Bicarbonate as HCO_3	Bromide	Carbonate as CO_3	Chlorate	Chloride	Chromium (total)	Chromium VI	Cyanide (total)	Hydroxide	Nitrate (as NO_3)	Nitrate Nitrite as N	Nitrite	Perchlorate	ortho-Phosphate	Sulfate
			HSSL:	27,900	--	--	--	38,900	--	100,000	564	164	--	100,000	--	120,000	908	--	--
Unit Buildings 4 and 5 Investigation	U4U5-48	2.5	6/28/2016	--	--	--	--	--	--	**21**	<0.17	--	--	--	--	--	**0.39**	--	--
		5	6/29/2016	--	--	--	--	--	--	**20**	<0.16	--	--	--	--	--	**8.1**	--	--
		7.5	6/29/2016	--	--	--	--	--	--	**19**	<0.16	--	--	--	--	--	**6.9**	--	--
		10	6/29/2016	--	--	--	--	--	--	**31**	**0.24 J**	--	--	--	--	--	**3.5**	--	--
	U4U5-49	1	6/29/2016	--	--	--	--	--	--	**37**	**0.36**	--	--	--	--	--	**0.70**	--	--
		2.5	6/29/2016	--	--	--	--	--	--	**21**	<0.17	--	--	--	--	--	**0.39**	--	--
		5	6/29/2016	--	--	--	--	--	--	**24**	<0.16	--	--	--	--	--	**0.49**	--	--
		7.5	6/29/2016	--	--	--	--	--	--	**24**	<0.16	--	--	--	--	--	**1.5**	--	--
		10	6/29/2016	--	--	--	--	--	--	**18**	<0.17	--	--	--	--	--	**0.24**	--	--
	U4U5-50	1	6/29/2016	--	--	--	--	--	--	**22**	<0.16	--	--	--	--	--	**1.5 J-**	--	--
		2.5	6/29/2016	--	--	--	--	--	--	**24**	<0.17	--	--	--	--	--	**0.17**	--	--
		5	6/29/2016	--	--	--	--	--	--	**22**	<0.18	--	--	--	--	--	**2.5**	--	--
		7.5	6/29/2016	--	--	--	--	--	--	**23**	<0.16	--	--	--	--	--	**1.3**	--	--
		10	6/29/2016	--	--	--	--	--	--	**24**	<0.16	--	--	--	--	--	**0.85**	--	--
	U4U5-51	1	6/30/2016	--	--	--	--	--	--	**24**	**0.19 J**	--	--	--	--	--	**9.0**	--	--
		2.5	6/30/2016	--	--	--	--	--	--	**21**	**0.21 J**	--	--	--	--	--	**8.3**	--	--
		5	6/30/2016	--	--	--	--	--	--	**23**	**0.47**	--	--	--	--	--	**43**	--	--
		7.5	6/30/2016	--	--	--	--	--	--	**18**	**0.18 J**	--	--	--	--	--	**7.9**	--	--
		10	6/30/2016	--	--	--	--	--	--	**21**	<0.17	--	--	--	--	--	**6.0**	--	--
	U4U5-55	5	8/09/2016	--	--	--	--	--	--	**21 J**	**3.9 J**	--	--	--	--	--	**7.1**	--	--
			8/09/2016 (FD)	--	--	--	--	--	--	**54 J**	**1.4 J**	--	--	--	--	--	**4.5**	--	--
		7.5	8/09/2016	--	--	--	--	--	--	**17**	**0.19 J**	--	--	--	--	--	**1.7**	--	--
		10	8/09/2016	--	--	--	--	--	--	**19**	**0.27 J**	--	--	--	--	--	**1.7**	--	--
			8/11/2016	--	--	--	--	--	--	**20**	**0.61 J**	--	--	--	--	--	**2.1 J**	--	--
			8/11/2016 (FD)	--	--	--	--	--	--	**26**	**1.1 J**	--	--	--	--	--	**6.1 J**	--	--
	U4U5-56	5	8/03/2016	--	--	--	--	--	--	**33**	**0.72**	--	--	--	--	--	**39**	--	--
		7.5	8/03/2016	--	--	--	--	--	--	**17**	**0.25 J**	--	--	--	--	--	**16 J**	--	--
			8/03/2016 (FD)	--	--	--	--	--	--	**20**	**0.18 J**	--	--	--	--	--	**8.7 J**	--	--
		10	8/03/2016	--	--	--	--	--	--	**25**	**0.20 J**	--	--	--	--	--	**1.2**	--	--
	U4U5-57	5	8/09/2016	--	--	--	--	--	--	**61**	**1.3**	--	--	--	--	--	**4.2**	--	--
		7.5	8/09/2016	--	--	--	--	--	--	**38**	**1.6**	--	--	--	--	--	**0.54**	--	--
		10	8/09/2016	--	--	--	--	--	--	**33**	**1.0**	--	--	--	--	--	**1.4**	--	--
	U4U5-58	5	8/05/2016	--	--	--	--	--	--	**48**	**18**	--	--	--	--	--	**540**	--	--
		7.5	8/05/2016	--	--	--	--	--	--	**42**	**18**	--	--	--	--	--	**810**	--	--
		10	8/05/2016	--	--	--	--	--	--	**23**	**3.8**	--	--	--	--	--	**84**	--	--
	U4U5-59	5	8/01/2016	--	--	--	--	--	--	**24**	**1.6**	--	--	--	--	--	**110**	--	--
		7.5	8/01/2016	--	--	--	--	--	--	**29**	**6.9**	--	--	--	--	--	**280**	--	--
		10	8/01/2016	--	--	--	--	--	--	**44**	**16**	--	--	--	--	--	**980**	--	--
	U4U5-60	1	8/08/2016	--	--	--	--	--	--	**26**	**1.6**	--	--	--	--	--	**170**	--	--
		2.5	8/08/2016	--	--	--	--	--	--	**38**	**9.1**	--	--	--	--	--	**690**	--	--
		5	8/08/2016	--	--	--	--	--	--	**59**	**28**	--	--	--	--	--	**2,000**	--	--
		7.5	8/08/2016	--	--	--	--	--	--	**34**	**13**	--	--	--	--	--	**870**	--	--
		10	8/08/2016	--	--	--	--	--	--	**27**	**9.2**	--	--	--	--	--	**560**	--	--
	U4U5-61	2.5	8/04/2016	--	--	--	--	--	--	**23**	**0.65**	--	--	--	--	--	**74**	--	--
		5	8/04/2016	--	--	--	--	--	--	**49**	**20**	--	--	--	--	--	**620**	--	--
		7.5	8/04/2016	--	--	--	--	--	--	**63**	**33**	--	--	--	--	--	**790**	--	--
		10	8/04/2016	--	--	--	--	--	--	**62**	**25**	--	--	--	--	--	**570**	--	--
	U4U5-62	1	8/05/2016	--	--	--	--	--	--	**16**	**0.21 J**	--	--	--	--	--	**11**	--	--
		2.5	8/05/2016	--	--	--	--	--	--	**21**	**0.50**	--	--	--	--	--	**16**	--	--
			8/05/2016 (FD)	--	--	--	--	--	--	**18**	**0.26 J**	--	--	--	--	--	**18**	--	--

Table A-2a. SOIL ANALYTICAL RESULTS, ECA GROUP BC
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)															
				Ammonia	Bicarbonate as HCO_3	Bromide	Carbonate as CO_3	Chlorate	Chloride	Chromium (total)	Chromium VI	Cyanide (total)	Hydroxide	Nitrate (as NO_3)	Nitrate Nitrite as N	Nitrite	Perchlorate	ortho-Phosphate	Sulfate
			HSSL:	27,900	--	--	--	38,900	--	100,000	564	164	--	100,000	--	120,000	908	--	--
Unit Buildings 4 and 5 Investigation	U4U5-62	5	8/05/2016	--	--	--	--	--	--	**59**	**1.3**	--	--	--	--	--	**240**	--	--
		7.5	8/05/2016	--	--	--	--	--	--	**23**	**0.59**	--	--	--	--	--	**37**	--	--
		10	8/05/2016	--	--	--	--	--	--	**16**	**0.60**	--	--	--	--	--	**27**	--	--
	U4U5-69	1	11/09/2016	--	--	--	--	--	--	**22**	**0.36**	--	--	--	--	--	**2.7**	--	--
		2.5	11/09/2016	--	--	--	--	--	--	**22**	**0.26 J**	--	--	--	--	--	**0.062**	--	--
		5	11/09/2016	--	--	--	--	--	--	**23**	**1.7**	--	--	--	--	--	**1.5**	--	--
		7.5	11/09/2016	--	--	--	--	--	--	**27**	**3.6**	--	--	--	--	--	**81**	--	--
		10	11/09/2016	--	--	--	--	**760**	--	**21**	**1.7**	--	--	**17**	--	--	**20**	--	**120**
	U4U5-75	1	10/02/2017	--	--	--	--	**0.054 J**	--	**2.8 J**	<0.16	--	--	<3.7	--	--	**0.081**	--	**100**
		2.5	10/02/2017	--	--	--	--	<0.053	--	**2.8 J**	<0.16	--	--	<3.8	--	--	**0.037 J**	--	**88**
		5	10/02/2017	--	--	--	--	<0.052	--	**3.9 J**	<0.16	--	--	<3.7	--	--	**0.045**	--	**69**
		7.5	10/02/2017	--	--	--	--	**0.35**	--	**11**	<0.18	--	--	**12**	--	--	**2.9**	--	**120**
		10	10/02/2017	--	--	--	--	**10**	--	**20**	**0.77**	--	--	**15**	--	--	**15**	--	**59**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-2b. SOIL ANALYTICAL RESULTS, ECA GROUP BC
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)																		
				Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Niobium	Palladium	Phosphorus (total)
			HSSL:	100,000	3,450	7.2	100,000	6,130	100,000	8,180	--	385	51,900	100,000	800	100,000	100,000	3.13	6,490	50,300	130	--	100,000
Phase B	RSAQ5	1 - 2.5	9/09/2009	**9,740**	0.5 UJ	**7.36**	**176**	**0.428**	**6.8 J**	**0.26**	**36,800**	**7.4**	**19.2**	**17,100**	**13.1**	**9,600**	**344**	**0.019**	**0.43**	**16**	--	--	**759**
	RSAR5	0 - 1.5	10/06/2009	**7,950**	**0.7 J-**	**2.08**	**171**	**0.375**	**9.3 J**	**0.24**	**21,600**	**7.2**	**17.1**	**14,300**	**17.6**	**8,900**	**328 J-**	**0.014 J**	**0.55**	**14.9 J**	--	--	**786**
		9.5 - 11	10/06/2009	**7,800**	**0.9 J-**	**2.4**	**168**	**0.383**	**8.3 J**	**0.19**	**24,900**	**6.8**	**17.3**	**13,300**	**10**	**10,000**	**293 J-**	**0.009 J**	**0.49**	**14.1 J**	--	--	**778**
	RSAR6	1 - 2.5	9/14/2009	**10,100**	**0.5 J**	**2.36**	**176 J**	**0.453**	**6.1 J**	**0.91**	**30,400**	**7.8**	**21.2**	**20,200**	**21.6**	**9,000**	**429**	**0.012 J**	**0.79**	**18.7**	--	--	**884**
		9.5 - 11	9/14/2009	**11,000**	0.5 UJ	**3.27**	**181 J**	**0.596**	**8.3 J**	**0.74**	**26,500**	**7.4**	**18.9**	**17,800**	**10.4**	**9,410**	**333**	**0.008 J**	**0.2 J**	**17**	--	--	**894**
	RSAR7	8 - 9.5	10/12/2009	**9,560**	0.5 UJ	**2.96 J-**	**236**	**0.571 J**	**20.4**	<0.04	**23,300**	**11.1**	**27.7 J+**	**18,500**	**9.7**	**10,200 J**	**739**	**0.014 J**	**0.62**	**17.8 J**	--	--	**833**
			10/12/2009 (FD)	**8,840**	0.5 UJ	**2.83 J-**	**192**	**0.452 J**	**18.2**	<0.04	**21,700**	**8.2**	**20.8 J+**	**16,600**	**10.6**	**9,420 J**	**495**	**0.011 J**	**0.55**	**15.9 J**	--	--	**838**
	SA-30	5 - 6.5	9/15/2009	**7,610**	0.5 UJ	**2.33**	**127**	**0.467**	**5.6 J**	**0.34**	**34,900**	**8.7**	**16.8**	**16,800**	**8.3**	**9,410**	**351 J+**	**0.024**	**0.91**	**18.2**	--	--	**935**
		9 - 10.5	9/15/2009	**9,630**	0.5 UJ	**3.87**	**160**	**0.521**	**6.5 J**	**0.18**	**26,900**	**8.1**	**19.7**	**18,400**	**9.8**	**9,390**	**373 J+**	**0.01 J**	**0.44**	**17.6**	--	--	**976**
	SA-32	8 - 9.5	9/21/2009	**8,860 J**	**1.4 J**	**2.26**	**140**	**0.392**	**15.8**	**0.33**	**28,000 J**	**6.4**	**19.5 J**	**13,300 J**	**7.7 J**	**9,980**	**340 J**	**0.02**	**0.85**	**13.5 J**	--	--	**902**
	SA-124	1 - 2.5	9/10/2009	**9,930**	0.5 UJ	**1.68**	**232**	**0.442 J**	**8.6 J**	**0.38**	**18,200**	**7.4**	**19.8 J**	**16,600**	**46.7**	**8,720**	**336**	**0.016 J**	**0.42**	**16.8**	--	--	**810**
	SA-125	1 - 2.5	9/10/2009	**10,900**	0.5 UJ	**1.53**	**183**	**0.509 J**	**5.9 J**	**0.53**	**41,600**	**7.8**	**20.8 J**	**18,700**	**10.2**	**9,300**	**355**	**0.018**	**0.28 J**	**19**	--	--	**811**
	SA-133	0.5 - 2	9/01/2009	**8,500**	**1.2 J**	**2.43**	**149**	**0.466**	**7.2 J**	<0.04	**22,800**	**8.5**	**18.6**	**15,900**	**10.5**	**10,000**	**354**	**0.019**	**0.3 J**	**19.5**	--	--	**786**
		10 - 11.5	9/01/2009	**8,660**	**1.2 J**	**3.25**	**146**	**0.447**	**10.7 J**	**0.04 J**	**25,600**	**7.7**	**20.7**	**17,600**	**8.3**	**11,000**	**385**	**0.006 J**	**0.43**	**16.5**	--	--	**1,050**
	SA-161	1.5 - 3	9/18/2009	**6,650**	**1.2 J-**	**1.99**	**169**	**0.387**	**5.6 J**	**0.28**	**11,900 J**	**7.1 J**	**16.3**	**13,600**	**8.7**	**6,330**	**326 J+**	**0.036**	**0.22 J**	**14.4 J**	--	--	**730**
	SA-208	9 - 10.5	9/25/2009	**9,530**	**1.8 J**	**1.7**	**193**	**0.494**	**7.4 J**	**0.25**	**20,500**	**9.1**	**23.2**	**16,700**	**9.3**	**10,100**	**410**	**0.01 J**	**0.23 J**	**19.2**	--	--	**705**
Pre-Excavation	RSAQ5	1.5 - 2.5	8/09/2010	--	--	**8.7**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2.5 - 3.5	8/09/2010	--	--	**7.7**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3.5 - 4.5	8/09/2010	--	--	**6.9**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAQ5-01	6 - 7	4/30/2010	--	--	**4.4**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAQ5-02	1 - 2	5/05/2010	--	--	**3.6**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			5/05/2010 (FD)	--	--	**3.6**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5 - 6	5/05/2010	--	--	**3.3**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAQ5-03	7.5 - 8.5	8/30/2010	--	--	**2.4 J**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAQ5-06	0 - 1	8/09/2010	--	--	**3.3**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		1 - 2	8/09/2010	--	--	**4.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2 - 3	8/09/2010	--	--	**3.2**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			8/09/2010 (FD)	--	--	**3.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAQ5-07	0 - 0.5	8/31/2010	--	--	**3.9**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3.5 - 4.5	8/31/2010	--	--	**3.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8.5 - 9.5	8/31/2010	--	--	**3.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAR6-04	1.5 - 2.5	4/26/2010	--	--	**3.9**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5.5 - 6.5	4/26/2010	--	--	**3.7**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAR6-06	0 - 0.5	10/14/2010	--	--	**2.8**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 1.5	10/14/2010	--	--	**2.6**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		1.5 - 2.5	10/14/2010	--	--	**2.8**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2.5 - 3.5	10/14/2010	--	--	**3.2**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3.5 - 4.5	10/14/2010	--	--	**3.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			10/14/2010 (FD)	--	--	**3.6**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		4.5 - 5.5	10/14/2010	--	--	**2.3**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5.5 - 6.5	10/14/2010	--	--	**2.9**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6.5 - 7.5	10/14/2010	--	--	**3.8**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		7.5 - 8.5	10/14/2010	--	--	**3.9**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8.5 - 9.5	10/14/2010	--	--	**4.0**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9.5 - 10.5	10/14/2010	--	--	**4.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAR7-04	0.5 - 1.5	4/27/2010	--	--	**4.0**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		4.5 - 5.5	4/27/2010	--	--	**4.2**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2011 Removal Action	SSAQ6-02	0.5	2/09/2011	--	--	**11**	--	--	--	--	--	--	--	--	--	**18,000**	**1,700**	--	--	--	--	--	--
			2/09/2011 (FD)	--	--	**12**	--	--	--	--	--	--	--	--	--	**18,000**	**1,600**	--	--	--	--	--	--
Phase 1 RI	M-189	0.5 - 1	12/02/2014	**9,200**	0.53 UJ	**3.5**	**180**	--	**7.5**	<0.27	--	**8.2**	**26**	**15,000**	**23**	**9,800 J**	**620 J**	**0.26**	<1.1	**17**	2.0 UJ	<0.049	**1,200**

Table A-2b. SOIL ANALYTICAL RESULTS, ECA GROUP BC
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)																		
				Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Niobium	Palladium	Phosphorus (total)
			HSSL:	100,000	3,450	7.2	100,000	6,130	100,000	8,180	--	385	51,900	100,000	800	100,000	100,000	3.13	6,490	50,300	130	--	100,000
Phase 1 RI	M-189	5 - 5.5	12/02/2014	**8,500**	0.53 UJ	**3.0**	**150**	--	**6.4**	<0.26	--	**7.1**	**23**	**15,000**	**10**	**9,500 J**	**540 J**	**0.041 J**	**2.0 J**	**14**	2.0 UJ	<0.054	**920**
			12/02/2014 (FD)	**8,400**	0.53 UJ	**3.6**	**150**	--	**6.8**	<0.27	--	**7.6**	**22**	**15,000**	**12**	**10,000 J**	**950 J**	**0.054**	**2.5**	**14**	1.9 UJ	<0.053	**920**
		10 - 10.5	12/02/2014	**11,000**	0.53 UJ	**3.3**	**160**	--	**10**	<0.27	--	**8.1**	**22**	**19,000**	**7.8**	**12,000 J**	**400 J**	**0.023**	<1.1	**17**	--	--	**1,100**
	M-191	1 - 1.5	12/01/2014	**12,000**	<0.54	**2.4**	**180**	--	**11 J**	**0.33 J**	--	**9.9**	**25 J**	**20,000**	**86 J**	**12,000**	**410 J**	**0.52**	<1.1	**18**	2.0 UJ	<0.057	**1,000**
			12/01/2014 (FD)	**14,000**	<0.56	**3.0**	**170**	--	**20 J**	**0.59 J**	--	**8.9**	**50 J**	**25,000**	**42 J**	**18,000**	**780 J**	**0.78**	<1.1	**23**	1.8 UJ	<0.053	**1,000**
		5 - 5.5	12/01/2014	**12,000**	<0.54	**2.9**	**260**	--	**16**	<0.27	--	**11**	**22**	**23,000**	**9.7**	**7,300**	**1,200**	0.013 UJ	<1.1	**19**	2.0 UJ	<0.058	**960**
		10 - 10.5	12/01/2014	**13,000**	<0.54	**3.8**	**220**	--	**16**	<0.27	--	**9.6**	**26**	**23,000**	**8.0**	**10,000**	**510**	**0.013 J**	**3.3**	**21**	--	--	**1,200**
	M-192	0.5 - 1	12/03/2014	**3,500**	<0.52	**3.5**	**71**	--	**8.3 J**	<0.52	--	**1.8 J**	**7.1**	**5,000**	**6.0**	**58,000**	**180**	<0.013	<2.1	**5.8**	<1.7	<0.050	**360**
		5 - 5.5	12/03/2014	**6,800**	**0.70 J**	**3.3**	**130**	--	**28**	**0.27 J**	--	**5.4**	**21**	**14,000**	**48**	**17,000**	**330**	**0.72**	<1.1	**13**	<1.9	<0.056	**790**
		10 - 10.5	12/03/2014	**8,600**	<0.53	**3.5**	**180**	--	**7.3**	<0.27	--	**7.4**	**18**	**15,000**	**8.1**	**10,000**	**310**	**0.12**	<1.1	**16**	--	--	**960**
Phase 2 RI	RI-23	2 - 2.5	5/17/2017	--	--	--	**230**	--	**11**	<0.27	--	**11**	**25**	**24,000**	**13**	**11,000**	**680**	**0.020 J**	<1.1	**30**	--	--	**1,300**
		5 - 5.5	5/17/2017	--	--	--	**190**	--	**13**	<0.27	--	**7.7**	**21**	**19,000**	**8.4**	**12,000**	**380**	**0.031**	<1.1	**18**	--	--	**940**
		10 - 10.5	5/17/2017	--	--	--	**130**	--	**13**	<0.27	--	**7.4**	**20**	**20,000**	**6.9**	**13,000**	**310**	<0.013	<1.1	**18**	--	--	**1,000**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-2b. SOIL ANALYTICAL RESULTS, ECA GROUP BC
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)															
				Platinum	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Sulfur	Thallium	Tin	Titanium	Tungsten	Uranium (total)	Vanadium	Zinc	Zirconium
			HSSL:	5,190	--	6,490	--	100,000	--	100,000	--	13	100,000	100,000	1,040	3,830	100,000	100,000	104
Phase B	RSAQ5	1 - 2.5	9/09/2009	**0.007 J**	**3,050**	<0.8	--	<0.2	**1,210**	**183**	--	**0.103**	**6.8 J**	**1,040**	**0.26**	**0.846**	**52.7**	**36**	--
	RSAR5	0 - 1.5	10/06/2009	**0.007 J**	**2,410**	<0.8	--	<0.2	**853**	**197**	--	**0.071**	**4.5 J**	**741**	**0.18**	**0.853**	**42.2**	**33.6**	--
		9.5 - 11	10/06/2009	**0.009 J**	**2,030**	<0.7	--	<0.2	**984**	**174**	--	**0.079**	**4.5 J**	**671**	**0.21**	**1.15**	**38.4**	**30.3**	--
	RSAR6	1 - 2.5	9/14/2009	**0.011 J**	**2,800**	<0.7	--	<0.2	**565**	**188**	--	**0.098**	**5 J**	**1,160**	**0.069 J**	**0.866**	**54.6**	**38.5**	--
		9.5 - 11	9/14/2009	**0.01 J**	**2,150**	<0.8	--	<0.2	**1,050**	**256**	--	**0.11**	**5 J**	**1,050**	**0.11 J-**	**1.83**	**52.8**	**38.1**	--
	RSAR7	8 - 9.5	10/12/2009	**0.054 J**	**4,030**	0.7 UJ	--	**4 J**	**2,810**	**152**	--	**0.106**	**4.5 J**	**927**	**0.36**	**1.15**	**59.1 J+**	**40.8**	--
			10/12/2009 (FD)	**0.025 J**	**3,900**	0.7 UJ	--	**1.1 J**	**2,760**	**142**	--	**0.098**	**3.9 J**	**804**	**0.27**	**1.05**	**52.4 J+**	**35.4**	--
	SA-30	5 - 6.5	9/15/2009	**0.011 J**	**1,850**	**1.3 J**	--	<0.2	**1,550**	**173**	--	**0.093**	**8.1 J**	**972**	**0.15**	**0.913**	**55.5**	**34.3**	--
		9 - 10.5	9/15/2009	**0.008 J**	**1,850**	<0.8	--	<0.2	**1,740**	**259**	--	**0.111**	**5.1 J**	**1,040**	**0.18**	**1.23**	**58.3**	**36.6**	--
	SA-32	8 - 9.5	9/21/2009	**0.008 J**	**6,930 J**	**1 J**	--	<0.2	**423**	**107**	--	**0.095**	**4 J**	**704 J**	**0.26 J-**	**1.29**	**39.7**	**29.6**	--
	SA-124	1 - 2.5	9/10/2009	**0.008 J**	**3,740**	<0.7	--	<0.2	**5,660**	**126**	--	**0.092**	**5.3 J**	**894**	**0.088 J**	**0.695**	**46**	**36.8**	--
	SA-125	1 - 2.5	9/10/2009	**0.01 J**	**4,140**	<0.7	--	<0.2	**3,490**	**192**	--	**0.103**	**4.9 J**	**1,070**	**0.079 J**	**0.689**	**55.2**	**39.3**	--
	SA-133	0.5 - 2	9/01/2009	**0.01 J**	**1,600**	**1.1 J**	--	<0.2	**934**	**187**	--	**0.102**	**3.6 J**	**758**	**0.18**	**1.4**	**46.4**	**32.1**	--
		10 - 11.5	9/01/2009	**0.01 J**	**1,550**	**1.8 J**	--	<0.2	**1,090**	**254**	--	**0.091**	**3.5 J**	**902**	**0.16**	**1.36**	**54.1**	**34.1**	--
	SA-161	1.5 - 3	9/18/2009	**0.007 J**	**2,330**	0.8 UJ	--	<0.2	**3,000**	**370**	--	**0.099**	**4 J**	**601 J**	**0.14 J-**	**0.773**	**36.4**	**31**	--
	SA-208	9 - 10.5	9/25/2009	**0.018 J**	**1,780**	<0.7	--	<0.2	**4,120**	**104**	--	**0.077**	**4.6 J**	**765**	**0.14 J+**	**0.674**	**42.8**	**37.5**	--
Pre-Excavation	RSAQ5	1.5 - 2.5	8/09/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2.5 - 3.5	8/09/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3.5 - 4.5	8/09/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAQ5-01	6 - 7	4/30/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAQ5-02	1 - 2	5/05/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			5/05/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5 - 6	5/05/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAQ5-03	7.5 - 8.5	8/30/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAQ5-06	0 - 1	8/09/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		1 - 2	8/09/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2 - 3	8/09/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			8/09/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAQ5-07	0 - 0.5	8/31/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3.5 - 4.5	8/31/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8.5 - 9.5	8/31/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAR6-04	1.5 - 2.5	4/26/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5.5 - 6.5	4/26/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAR6-06	0 - 0.5	10/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 1.5	10/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		1.5 - 2.5	10/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2.5 - 3.5	10/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3.5 - 4.5	10/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			10/14/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		4.5 - 5.5	10/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5.5 - 6.5	10/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6.5 - 7.5	10/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		7.5 - 8.5	10/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8.5 - 9.5	10/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9.5 - 10.5	10/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAR7-04	0.5 - 1.5	4/27/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		4.5 - 5.5	4/27/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2011 Removal Action	SSAQ6-02	0.5	2/09/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			2/09/2011 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phase 1 RI	M-189	0.5 - 1	12/02/2014	--	--	<0.53	**180**	<0.80	--	**140 J**	**930 J**	<0.27	--	--	5.3 UJ	**1.3**	--	**44**	**22**

Table A-2b. SOIL ANALYTICAL RESULTS, ECA GROUP BC
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)															
				Platinum	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Sulfur	Thallium	Tin	Titanium	Tungsten	Uranium (total)	Vanadium	Zinc	Zirconium
			HSSL:	5,190	--	6,490	--	100,000	--	100,000	--	13	100,000	100,000	1,040	3,830	100,000	100,000	104
Phase 1 RI	M-189	5 - 5.5	12/02/2014	--	--	<0.53	**190**	<0.79	--	**120 J**	**830 J**	<0.26	--	--	5.3 UJ	**0.96**	--	**36**	**24**
			12/02/2014 (FD)	--	--	<0.53	**240**	<0.80	--	**120 J**	**1,200 J**	<0.27	--	--	5.3 UJ	**1.0**	--	**37**	**25**
		10 - 10.5	12/02/2014	--	--	<0.53	**180**	<0.80	--	**250 J**	--	<0.27	--	--	5.3 UJ	--	--	**35**	**25**
	M-191	1 - 1.5	12/01/2014	--	--	<0.54	**78 J**	<0.81	--	**160 J**	<440	<0.27	--	--	5.4 UJ	**0.63**	--	**43 J**	**26 J**
			12/01/2014 (FD)	--	--	<0.56	**100 J**	<0.83	--	**280 J**	<400	<0.28	--	--	5.6 UJ	**0.73**	--	**140 J**	**34 J**
		5 - 5.5	12/01/2014	--	--	<0.54	**74 J**	<0.80	--	**220**	**490 J**	**0.37 J**	--	--	5.4 UJ	**1.4**	--	**41**	**30 J**
		10 - 10.5	12/01/2014	--	--	<0.54	**75 J**	<0.81	--	**250**	--	<0.27	--	--	5.4 UJ	--	--	**41**	**30 J**
	M-192	0.5 - 1	12/03/2014	--	--	<0.52	**510 J-**	<1.6	--	**230**	**1,500 J+**	<0.26	--	--	<10	**0.44 J**	--	**19**	**7.9 J**
		5 - 5.5	12/03/2014	--	--	<0.54	**280 J-**	<0.81	--	**210**	**630 J+**	<0.27	--	--	<5.4	**1.2**	--	**36**	**19**
		10 - 10.5	12/03/2014	--	--	<0.53	**140 J-**	<0.80	--	--	--	<0.27	--	--	--	--	--	**30**	--
Phase 2 RI	RI-23	2 - 2.5	5/17/2017	--	--	--	--	<0.82	--	**180 J**	--	--	--	--	2.7 UJ	--	**74**	--	**24**
		5 - 5.5	5/17/2017	--	--	--	--	<0.82	--	**250 J**	--	--	--	--	2.7 UJ	--	**59**	--	**22**
		10 - 10.5	5/17/2017	--	--	--	--	<0.82	--	**990 J**	--	--	--	--	2.7 UJ	--	**64**	--	**25**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-2c. SOIL ANALYTICAL RESULTS, ECA GROUP BC
Radionuclides (pCi/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Radionuclides (pCi/g)									
				Radium-226	Radium-228	Thorium-228	Thorium-230	Thorium-232	Uranium-234		Uranium-235		Uranium-238
			HSSL:	0.023	0.046	0.026	14	13	--	18	--	0.33	1.5
Phase B	RSAQ5	1 - 2.5	9/09/2009	**0.340**	**0.528 J**	**1.36**	**0.746 J**	**1.40**	--	**1.27**	--	**0.117 J**	**1.04**
	RSAR5	0 - 1.5	10/06/2009	**0.926**	**1.17**	**1.57**	**1.03**	**1.31 J**	--	**0.973**	--	**0.0608**	**0.841**
		9.5 - 11	10/06/2009	**1.02**	**1.70**	**1.46**	**0.883**	**1.22 J**	--	**1.14**	--	**0.0529**	**1.00**
	RSAR6	1 - 2.5	9/14/2009	**0.612**	**0.607**	**1.56**	**0.810**	**1.24**	--	**1.10**	--	**0.0245 U**	**1.12**
		9.5 - 11	9/14/2009	**0.902**	**0.413**	**1.51**	**0.879**	**1.21**	--	**1.27**	--	**0.0797**	**1.09**
	RSAR7	8 - 9.5	10/12/2009	**0.800**	**0.678**	**1.50**	**0.850**	**1.36**	--	**0.996**	--	**0.0912 J**	**0.940**
			10/12/2009 (FD)	**0.669**	**0.788**	**1.22**	**0.944**	**1.30**	--	**1.00**	--	**0.0278 UJ**	**1.11**
	SA-30	5 - 6.5	9/15/2009	**0.656**	**0.964**	**1.44**	**0.850**	**1.34**	--	**0.985**	--	**0.023 U**	**1.14**
		9 - 10.5	9/15/2009	**1.21**	**1.92**	**1.85**	**1.07**	**1.62**	--	**1.23**	--	**0.0467**	**0.889**
	SA-32	8 - 9.5	9/21/2009	**1.18**	**1.11 J**	**1.87**	**1.13**	**1.55**	--	**1.27**	--	**0.0707**	**1.07**
	SA-124	1 - 2.5	9/10/2009	**0.556**	**1.12 J**	**1.82**	**0.877**	**1.47**	--	**0.866**	--	**0.0472**	**0.836**
	SA-125	1 - 2.5	9/10/2009	**0.394**	**0.882 J**	**1.20**	**0.904**	**1.33**	--	**0.783**	--	**0.0402**	**0.833**
	SA-133	0.5 - 2	9/01/2009	**0.964**	**0.892**	**1.27**	**0.986**	**1.17**	--	**1.31**	--	**0.0719**	**1.22**
		10 - 11.5	9/01/2009	**1.12**	**0.972**	**1.29**	**0.727**	**0.977**	--	**1.16**	--	**-0.0185 U**	**1.26**
	SA-161	1.5 - 3	9/18/2009	**0.643**	**1.17 J**	**1.65**	**0.842**	**1.45**	--	**0.784**	--	**0.0452**	**0.894**
	SA-208	9 - 10.5	9/25/2009	**0.632**	**0.973**	**1.18**	**0.738**	**1.16**	--	**0.767**	--	**0.0666**	**0.829**
Phase 1 RI	M-189	0.5 - 1	12/02/2014	**1.19**	**1.48**	**1.72**	**1.00**	**1.46**	**0.817**	--	**0.0144 U**	--	**1.05**
		5 - 5.5	12/02/2014	**1.02**	**1.09**	**1.77**	**1.08**	**1.64**	**1.06**	--	**0.0300 UJ**	--	**1.05**
			12/02/2014 (FD)	**1.19**	**1.28**	**1.91**	**0.914 J**	**1.69**	**1.07**	--	**0.0890 J**	--	**1.00**
	M-191	1 - 1.5	12/01/2014	**1.01**	**1.01**	**1.79**	**0.946**	**1.70**	**0.797**	--	**0.0520 U**	--	**0.748**
			12/01/2014 (FD)	**1.09**	**1.23**	**1.46**	**0.864**	**1.44**	**0.933**	--	**0.000 U**	--	**1.02**
		5 - 5.5	12/01/2014	**0.984 J**	**1.61 J**	**1.96**	**1.76**	**2.16**	**1.33**	--	**0.0249 U**	--	**1.02**
	M-192	0.5 - 1	12/03/2014	**0.396**	**0.367**	**0.178**	**0.495 J**	**0.143**	**0.305**	--	**0.0241 U**	--	**0.250**
		5 - 5.5	12/03/2014	**1.05**	**0.994**	**1.53**	**1.02**	**1.41**	**0.934**	--	**0.0284 U**	--	**0.946**
Unit Buildings 4 and 5 Investigation	U4U5-2	1	10/30/2015	**1.00**	**1.85**	**1.79**	**1.03**	**1.73**	**0.924 J**	--	**0.123 J**	--	**1.09**
		2.5	10/30/2015	**0.681 J**	**0.522 J**	**1.42**	**1.01**	**1.46**	**0.881 J**	--	**0.0584 J**	--	**0.994 J**
		5	10/30/2015	**0.995 J**	**0.451 J**	**1.80**	**0.940 J**	**1.98**	**1.34**	--	**0.0998 J**	--	**1.24**
		7.5	10/30/2015	**1.15**	**1.59**	**1.73**	**1.16**	**1.63**	**0.978 J**	--	**0.0476**	--	**1.06**
	U4U5-3	2.5	10/29/2015	**1.04 J+**	**1.00 J+**	**1.94**	**1.30**	**1.72**	**0.864 J**	--	**0.0536**	--	**0.934 J**
		5	10/29/2015	**0.713 J**	**0.710 J**	**1.38**	**1.03**	**1.34**	**0.907 J**	--	**0.0691 J**	--	**0.818 J**
	U4U5-4	1	10/30/2015	**0.733 J**	**1.62**	**1.50**	**1.13**	**1.45**	**0.814 J**	--	**0.0882 J**	--	**0.869 J**
		2.5	10/30/2015	**0.758 J**	**0.687 J**	**2.09**	**1.02**	**1.89**	**1.14**	--	**0.0409 J**	--	**1.10**
		5	10/30/2015	**0.884 J**	**0.985 J**	**1.66**	**1.11**	**1.73**	**1.33**	--	**0.0416 J**	--	**1.02**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
pCi/g: picocuries per gram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: result above minimum detectable activity
Value: result below minimum detectable activity
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-2d. SOIL ANALYTICAL RESULTS, ECA GROUP BC
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Acetone	t-Amyl methyl ether	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene
			HSSL:	100,000,000	--	5,310	679,000	628,000	1,300	95,300	30,300	28,400,000	108,000	145,000	183,000	2,960	1,370,000	2,120,000	1,390	464,000	907,000	26,000,000	10,400,000
Phase B	RSAQ5	1 - 2.5	9/09/2009	<1.5	<0.11	<0.43	<0.39	<0.39	<0.48	<0.40	<0.73	<0.71	0.71 UJ	0.61 UJ	0.52 UJ	<0.43	<0.45	<0.45	<0.41	0.54 UJ	<0.57	<0.51	<0.47
	RSAR5	0 - 1.5	10/06/2009	**5.2 J+**	<0.12	<0.50	<0.45	<0.45	<0.56	<0.46	<0.85	<0.83	<0.83	<0.71	<0.60	0.49 UJ	<0.52	<0.52	<0.47	0.62 UJ	<0.66	<0.59	<0.54
		9.5 - 11	10/06/2009	**2.8 J**	<0.12	<0.47	<0.42	<0.42	<0.53	<0.43	<0.80	**0.96 J**	<0.78	<0.67	<0.57	0.46 UJ	<0.49	<0.49	<0.44	0.59 UJ	<0.63	<0.56	<0.52
	RSAR6	1 - 2.5	9/14/2009	**14 J**	<0.12	<0.49	<0.44	<0.44	<0.55	<0.45	<0.83	**2.4 J**	<0.81	<0.7	<0.59	<0.48	<0.52	<0.52	**1 J**	<0.61	<0.65	<0.58	<0.54
		9.5 - 11	9/14/2009	<2.1	<0.16	<0.64	<0.57	<0.57	<0.71	<0.59	<1.1	**1.5 J**	<1.1	<0.91	<0.77	<0.63	<0.67	<0.67	**4 J**	<0.8	<0.85	<0.75	<0.7
	RSAR7	8 - 9.5	10/12/2009	**7.3 J**	<0.13	<0.52	<0.47	<0.47	<0.58	<0.48	0.89 UJ	<0.86	<0.86	<0.74	<0.63	<0.51	<0.55	<0.55	**3.6 J**	<0.65	<0.69	<0.62	<0.57
			10/12/2009 (FD)	**42 J**	<0.12	<0.47	<0.42	<0.42	<0.52	<0.43	0.79 UJ	**1.6 J**	<0.77	<0.66	<0.56	<0.46	<0.49	<0.49	**2.2 J**	<0.58	<0.62	<0.55	<0.51
	SA-30	5 - 6.5	9/15/2009	<1.7	<0.12	<0.50	<0.45	<0.45	<0.56	<0.46	<0.85	**0.99 J**	<0.83	<0.71	<0.60	<0.49	<0.53	<0.53	<0.47	<0.62	<0.67	<0.59	<0.55
		9 - 10.5	9/15/2009	<1.6	<0.12	<0.49	<0.44	<0.44	<0.55	<0.45	<0.83	<0.81	<0.81	<0.70	<0.59	<0.48	<0.52	<0.52	**0.49 J**	<0.61	<0.65	<0.58	<0.54
	SA-32	8 - 9.5	9/21/2009	<1.8	<0.13	<0.54	<0.49	<0.49	<0.60	<0.50	<0.92	**1.7 J**	<0.90	<0.77	<0.65	<0.53	<0.57	<0.57	**7.9**	<0.67	<0.72	<0.64	<0.59
	SA-124	1 - 2.5	9/10/2009	**15 J**	<0.12	<0.47	<0.42	<0.42	<0.52	<0.43	<0.79	**2.6 J**	<0.77	<0.66	<0.56	<0.46	<0.49	<0.49	<0.44	<0.58	<0.62	<0.55	<0.51
	SA-125	1 - 2.5	9/10/2009	<1.8	<0.13	<0.53	<0.47	<0.47	<0.59	<0.49	<0.90	**1.4 J**	<0.88	<0.75	<0.63	<0.52	<0.55	<0.55	<0.50	<0.66	<0.70	<0.62	<0.58
	SA-133	0.5 - 2	9/01/2009	**5.6 J**	<0.11	<0.46	<0.41	<0.41	<0.51	<0.42	<0.78	**1.1 J**	<0.76	<0.65	<0.55	<0.45	<0.48	<0.48	<0.43	<0.57	<0.61	<0.54	<0.50
		10 - 11.5	9/01/2009	**4.4 J**	<0.12	<0.49	<0.44	<0.44	<0.55	<0.45	<0.83	<0.81	<0.81	<0.69	<0.59	<0.48	<0.51	<0.51	<0.46	<0.61	<0.65	<0.58	<0.54
	SA-161	1.5 - 3	9/18/2009	**7.8 J**	<0.13	<0.51	<0.46	<0.46	<0.57	<0.47	<0.86	**2.5 J**	<0.84	<0.72	<0.61	<0.50	<0.53	<0.53	**7.3**	<0.63	<0.68	<0.60	<0.55
	SA-208	9 - 10.5	9/25/2009	**17 J**	<0.13	<0.52	<0.46	<0.46	<0.57	<0.47	<0.87	<0.85	<0.85	<0.73	<0.62	<0.51	<0.54	<0.54	**16**	<0.64	<0.68	<0.61	<0.56
Phase 1 RI	M-189	0.5 - 1	12/02/2014	<8.0	1.0 UJ	<0.50	<1.0	<1.0	<0.50	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<0.50
		5 - 5.5	12/02/2014	<8.1	1.0 UJ	<0.50	<1.0	<1.0	<0.50	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<0.50
			12/02/2014 (FD)	<8.2	1.0 UJ	<0.51	<1.0	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<1.0	<1.0	<0.51	<0.51	<1.0	<0.51	<1.0	<1.0	<1.0	<0.51
		10 - 10.5	12/02/2014	<7.7	0.96 UJ	<0.48	<0.96	<0.96	<0.48	<0.96	<0.96	<4.8	<0.96	<0.96	<0.96	<0.48	<0.48	<0.96	<0.48	<0.96	<0.96	<0.96	<0.48
	M-191	1 - 1.5	12/01/2014	<8.3	<1.0	<0.52	<1.0	<1.0	<0.52	<1.0	<1.0	5.2 UJ	<1.0	<1.0	<1.0	<0.52	<0.52	<1.0	**7.7**	<1.0	<1.0	<1.0	<0.52
			12/01/2014 (FD)	<8.3	<1.0	<0.52	<1.0	<1.0	<0.52	<1.0	<1.0	5.2 UJ	<1.0	<1.0	<1.0	<0.52	<0.52	<1.0	**6.3**	<1.0	<1.0	<1.0	<0.52
		5 - 5.5	12/01/2014	<8.3	<1.0	<0.52	<1.0	<1.0	<0.52	<1.0	<1.0	5.2 UJ	<1.0	<1.0	<1.0	<0.52	<0.52	<1.0	**2.7**	<1.0	<1.0	<1.0	<0.52
		10 - 10.5	12/01/2014	<8.4	<1.0	<0.52	<1.0	<1.0	<0.52	<1.0	<1.0	5.2 UJ	<1.0	<1.0	<1.0	<0.52	<0.52	<1.0	**2.6**	<1.0	<1.0	<1.0	<0.52
	M-192	0.5 - 1	12/03/2014	<8.2	<1.0	<0.51	<1.0	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<1.0	<1.0	<0.51	<0.51	<1.0	**0.93 J**	<1.0	<1.0	<1.0	<0.51
		5 - 5.5	12/03/2014	<8.3	<1.0	<0.52	<1.0	<1.0	<0.52	<1.0	<1.0	<5.2	<1.0	<1.0	<1.0	<0.52	<0.52	<1.0	**1.8**	<1.0	<1.0	<1.0	<0.52
		10 - 10.5	12/03/2014	<8.2	<1.0	<0.51	<1.0	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<1.0	<1.0	<0.51	<0.51	<1.0	**5.0**	<1.0	<1.0	<1.0	<0.51
Phase 2 RI	RI-23	2 - 2.5	5/17/2017	<8.1	<1.0	<0.50	<1.0	<1.0	<0.50	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<0.50
		5 - 5.5	5/17/2017	<8.0	<1.0	<0.50	<1.0	<1.0	<0.50	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<0.50
		10 - 10.5	5/17/2017	<8.3	<1.0	<0.52	<1.0	<1.0	<0.52	<1.0	<1.0	<5.2	<1.0	<1.0	<1.0	<0.52	<0.52	<1.0	<0.52	<1.0	<1.0	<1.0	<0.52
Unit Buildings 4 and 5 Investigation	U4U5-2	1	10/30/2015	<7.5	<0.94	<0.94	<0.94	<0.94	0.94 UJ	<1.9	<0.94	<4.7	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	**1.8 J**	<0.94	<0.94	<0.94	<0.94
		2.5	10/30/2015	<8.5	<1.1	<1.1	<1.1	<1.1	1.1 UJ	<2.1	<1.1	<5.3	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	**3.7**	<1.1	<1.1	<1.1	<1.1
		5	10/30/2015	<7.5	<0.94	<0.94	<0.94	<0.94	0.94 UJ	<1.9	<0.94	<4.7	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	**2.3**	<0.94	<0.94	<0.94	<0.94
		7.5	10/30/2015	<8.0	<1.0	<1.0	<1.0	<1.0	1.0 UJ	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**2.2**	<1.0	<1.0	<1.0	<1.0
	U4U5-3	2.5	10/29/2015	<6.8	<0.85	<0.85	<0.85	<0.85	<0.85	<1.7	<0.85	<4.2	<0.85	<0.85	<0.85	<0.85	<0.85	<1.7	<0.85	<0.85	<0.85	<0.85	<0.85
		5	10/29/2015	<8.1	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<5.1	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
		7.5	10/29/2015	**8.1 J**	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<4.5	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89
		10	10/29/2015	<7.3	<0.92	<0.92	<0.92	<0.92	<0.92	<1.8	<0.92	<4.6	<0.92	<0.92	<0.92	<0.92	<0.92	<1.8	<0.92	<0.92	<0.92	<0.92	<0.92
	U4U5-4	1	10/30/2015	<7.8	<0.98	<0.98	<0.98	<0.98	0.98 UJ	<2.0	<0.98	<4.9	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<0.98	<0.98	<0.98	<0.98
		2.5	10/30/2015	<8.3	<1.0	<1.0	<1.0	<1.0	1.0 UJ	<2.1	<1.0	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0
		5	10/30/2015	<7.1	<0.89	<0.89	<0.89	<0.89	0.89 UJ	<1.8	<0.89	<4.5	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89
		7.5	10/30/2015	<7.3	<0.91	<0.91	<0.91	<0.91	0.91 UJ	<1.8	<0.91	<4.6	<0.91	<0.91	<0.91	<0.91	<0.91	<1.8	<0.91	<0.91	<0.91	<0.91	<0.91
		10	10/30/2015	<7.5	<0.94	<0.94	<0.94	<0.94	0.94 UJ	<1.9	<0.94	<4.7	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<0.94	<0.94	<0.94	<0.94
	U4U5-20	1	8/02/2016	<6.6	<0.82	<0.82	<0.82	<0.82	<0.82	<1.6	<0.82	<4.1	<0.82	<0.82	<0.82	<0.82	<0.82	<1.6	**2.2**	<0.82	<0.82	<0.82	<0.82
		2.5	8/02/2016	<8.7	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<5.4	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	**4.2**	<1.1	<1.1	<1.1	<1.1
		5	8/02/2016	<6.6	<0.82	<0.82	<0.82	<0.82	<0.82	<1.6	<0.82	<4.1	<0.82	<0.82	<0.82	<0.82	<0.82	<1.6	**7.6**	<0.82	<0.82	<0.82	<0.82
		7.5	8/02/2016	<8.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**4.6**	<1.0	<1.0	<1.0	<1.0
		10	8/02/2016	<7.4	<0.93	<0.93	<0.93	<0.93	<0.93	<1.9	<0.93	<4.7	<0.93	<0.93	<0.93	<0.93	<0.93	<1.9	**5.3**	<0.93	<0.93	<0.93	<0.93
	U4U5-21	1.5	7/19/2016	<7.6	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<4.8	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	**6.3**	<0.95	<0.95	<0.95	<0.95
		2.5	7/19/2016	<7.6	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<4.7	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	**7.6**	<0.95	<0.95	<0.95	<0.95

Table A-2d. SOIL ANALYTICAL RESULTS, ECA GROUP BC
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Acetone	t-Amyl methyl ether	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene
			HSSL:	100,000,000	--	5,310	679,000	628,000	1,300	95,300	30,300	28,400,000	108,000	145,000	183,000	2,960	1,370,000	2,120,000	1,390	464,000	907,000	26,000,000	10,400,000
Unit Buildings 4 and 5 Investigation	U4U5-21	5	7/20/2016	<6.6	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<4.1	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	**19**	<0.83	<0.83	<0.83	<0.83
			7/20/2016 (FD)	**17 J**	<0.91	<0.91	<0.91	<0.91	<0.91	<1.8	<0.91	<4.6	<0.91	<0.91	<0.91	<0.91	<0.91	<1.8	**13**	<0.91	<0.91	<0.91	<0.91
		7.5	7/20/2016	<7.5	<0.93	<0.93	<0.93	<0.93	<0.93	<1.9	<0.93	<4.7	<0.93	<0.93	<0.93	<0.93	<0.93	<1.9	**16**	<0.93	<0.93	<0.93	<0.93
		10	7/20/2016	**13 J**	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	<4.8	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	**22**	<0.96	<0.96	<0.96	<0.96
	U4U5-22	1.5	7/19/2016	<8.1	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<5.1	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**6.7**	<1.0	<1.0	<1.0	<1.0
		2.5	7/19/2016	<8.4	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	**7.3**	<1.0	<1.0	<1.0	<1.0
		5	7/20/2016	7.1 UJ	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<4.5	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	**56**	<0.89	<0.89	<0.89	<0.89
		7.5	7/20/2016	<7.8	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<4.9	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<0.98	<0.98	<0.98	<0.98
		10	7/21/2016	<8.4	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	**20**	<1.0	<1.0	<1.0	<1.0
	U4U5-23	1	7/19/2016	<7.8	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<4.9	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	**5.3**	<0.98	<0.98	<0.98	<0.98
		2.5	7/19/2016	<6.7	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<4.2	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	**2.2**	<0.83	<0.83	<0.83	<0.83
		5	7/19/2016	<6.7	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<4.2	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	**24**	<0.83	<0.83	<0.83	<0.83
		7.5	7/19/2016	<7.2	<0.90	<0.90	<0.90	<0.90	<0.90	<1.8	<0.90	<4.5	<0.90	<0.90	<0.90	<0.90	<0.90	<1.8	**8.0**	<0.90	<0.90	<0.90	<0.90
		10	7/19/2016	<6.8	<0.84	<0.84	<0.84	<0.84	<0.84	<1.7	<0.84	<4.2	<0.84	<0.84	<0.84	<0.84	<0.84	<1.7	**12**	<0.84	<0.84	<0.84	<0.84
	U4U5-24	1	7/19/2016	6.5 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	1.6 UJ	0.81 UJ	4.0 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	1.6 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ
		2.5	7/19/2016	<7.6	<0.96	<0.96	<0.96	<0.96	0.96 UJ	<1.9	<0.96	<4.8	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	<0.96	<0.96	<0.96	<0.96
		5	7/19/2016	<7.0	<0.87	<0.87	<0.87	<0.87	0.87 UJ	<1.7	<0.87	<4.4	<0.87	<0.87	<0.87	<0.87	<0.87	<1.7	**5.7**	<0.87	<0.87	<0.87	<0.87
		7.5	7/19/2016	<6.4	<0.80	<0.80	<0.80	<0.80	0.80 UJ	<1.6	<0.80	<4.0	<0.80	<0.80	<0.80	<0.80	<0.80	<1.6	**4.0**	<0.80	<0.80	<0.80	<0.80
	U4U5-25	1	8/11/2016	<8.7	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<5.4	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	**2.3**	<1.1	<1.1	<1.1	<1.1
		2.5	8/11/2016	<8.9	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<5.6	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1
		5	8/11/2016	<7.9	<0.99	<0.99	<0.99	<0.99	<0.99	<2.0	<0.99	<4.9	<0.99	<0.99	<0.99	<0.99	<0.99	<2.0	<0.99	<0.99	<0.99	<0.99	<0.99
		7.5	8/12/2016	<9.5	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<5.9	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	**2.2 J**	<1.2	<1.2	<1.2	<1.2
		10	8/12/2016	<8.3	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0
	U4U5-27	1	8/16/2016	<8.8	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<5.5	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	**1.1 J**	<1.1	<1.1	<1.1	<1.1
		2.5	8/16/2016	<9.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<5.7	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	**1.1 J**	<1.1	<1.1	<1.1	<1.1
		5	8/16/2016	<9.7	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<6.1	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	**4.3**	<1.2	<1.2	<1.2	<1.2
		7.5	8/17/2016	<8.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<5.1	1.0 UJ	<1.0	<1.0	<1.0	<1.0	<2.0	**1.1 J**	<1.0	<1.0	<1.0	<1.0
			8/17/2016 (FD)	<8.5	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<5.3	1.1 UJ	<1.1	<1.1	<1.1	<1.1	<2.1	**2.0 J**	<1.1	<1.1	<1.1	<1.1
		10	8/17/2016	<8.7	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<5.4	1.1 UJ	<1.1	<1.1	<1.1	<1.1	<2.2	**13**	<1.1	<1.1	<1.1	<1.1
	U4U5-28	1	8/15/2016	<9.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<5.7	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	**1.7 J**	<1.1	<1.1	<1.1	<1.1
		2.5	8/15/2016	7.3 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	1.8 UJ	0.92 UJ	4.6 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	1.8 UJ	**3.7 J-**	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ
		5	8/15/2016	6.8 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	1.7 UJ	0.85 UJ	4.3 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	1.7 UJ	**2.6 J-**	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ
		7.5	8/15/2016	7.4 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	1.8 UJ	0.92 UJ	4.6 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	1.8 UJ	**2.7 J-**	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ
		10	8/15/2016	9.4 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	2.4 UJ	1.2 UJ	5.9 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	2.4 UJ	**3.7 J-**	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ
			8/15/2016 (FD)	<8.9	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<5.5	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	**2.6**	<1.1	<1.1	<1.1	<1.1
	U4U5-29	1.5	7/19/2016	<9.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.3	<1.2	<5.8	<1.2	<1.2	<1.2	<1.2	<1.2	<2.3	**10**	<1.2	<1.2	<1.2	<1.2
		2.5	7/19/2016	<8.8	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<5.5	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	**7.4**	<1.1	<1.1	<1.1	<1.1
		5	7/21/2016	<6.9	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<4.3	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	**34**	<0.86	<0.86	<0.86	<0.86
		7.5	7/21/2016	<9.9	<1.2	<1.2	<1.2	<1.2	<1.2	<2.5	<1.2	<6.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.5	**17**	<1.2	<1.2	<1.2	<1.2
		10	7/21/2016	<7.4	<0.92	<0.92	<0.92	<0.92	<0.92	<1.8	<0.92	<4.6	<0.92	<0.92	<0.92	<0.92	<0.92	<1.8	**40**	<0.92	<0.92	<0.92	<0.92
	U4U5-30	1.5	7/20/2016	8.4 UJ	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	**8.5**	<1.0	<1.0	<1.0	<1.0
		2.5	7/20/2016	7.8 UJ	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<4.9	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	**5.3**	<0.98	<0.98	<0.98	<0.98
		5	7/22/2016	**32**	<0.80	<0.80	<0.80	<0.80	<0.80	<1.6	<0.80	<4.0	<0.80	<0.80	<0.80	<0.80	<0.80	<1.6	**12**	<0.80	<0.80	<0.80	<0.80
		7.5	7/22/2016	**13 J**	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	**13**	<1.0	<1.0	<1.0	<1.0
		10	7/22/2016	**11 J**	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<5.7	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	**8.9**	<1.1	<1.1	<1.1	<1.1
	U4U5-31	1.5	7/20/2016	<7.0	<0.87	<0.87	<0.87	<0.87	<0.87	<1.7	<0.87	<4.4	<0.87	<0.87	<0.87	<0.87	<0.87	<1.7	**2.1**	<0.87	<0.87	<0.87	<0.87
		2.5	7/20/2016	<9.5	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<6.0	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	**1.4 J**	<1.2	<1.2	<1.2	<1.2
			7/20/2016 (FD)	<9.7	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<6.1	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	**2.2 J**	<1.2	<1.2	<1.2	<1.2
		5	7/20/2016	20 UJ	<2.5	<2.5	<2.5	<2.5	<2.5	<4.9	<2.5	<12	<2.5	<2.5	<2.5	<2.5	<2.5	<4.9	**62**	<2.5	<2.5	<2.5	<2.5
		7.5	7/20/2016	7.5 UJ	<0.93	<0.93	<0.93	<0.93	<0.93	<1.9	<0.93	<4.7	<0.93	<0.93	<0.93	<0.93	<0.93	<1.9	**58**	<0.93	<0.93	<0.93	<0.93

Table A-2d. SOIL ANALYTICAL RESULTS, ECA GROUP BC
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Acetone	t-Amyl methyl ether	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene
			HSSL:	100,000,000	--	5,310	679,000	628,000	1,300	95,300	30,300	28,400,000	108,000	145,000	183,000	2,960	1,370,000	2,120,000	1,390	464,000	907,000	26,000,000	10,400,000
Unit Buildings 4 and 5 Investigation	U4U5-31	10	7/20/2016	8.4 UJ	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	**16**	<1.0	<1.0	<1.0	<1.0
	U4U5-32	1.5	7/22/2016	<6.9	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<4.3	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	**1.1 J**	<0.86	<0.86	<0.86	<0.86
		2.5	7/22/2016	<7.6	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<4.7	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	**1.6 J**	<0.95	<0.95	<0.95	<0.95
		5	7/22/2016	<8.4	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	**4.9 J**	<1.0	<1.0	<1.0	<1.0
		7.5	7/22/2016	<7.4	<0.92	<0.92	<0.92	<0.92	<0.92	<1.8	<0.92	<4.6	<0.92	<0.92	<0.92	<0.92	<0.92	<1.8	**2.4**	<0.92	<0.92	<0.92	<0.92
	U4U5-33	1	8/17/2016	<9.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<5.7	1.1 UJ	<1.1	<1.1	<1.1	<1.1	<2.3	**2.9**	<1.1	<1.1	<1.1	<1.1
		2.5	8/17/2016	<9.4	<1.2	<1.2	<1.2	<1.2	<1.2	<2.3	<1.2	<5.9	1.2 UJ	<1.2	<1.2	<1.2	<1.2	<2.3	<1.2	<1.2	<1.2	<1.2	<1.2
		5	8/18/2016	<11	<1.3	<1.3	<1.3	<1.3	<1.3	<2.7	<1.3	<6.7	<1.3	<1.3	<1.3	<1.3	<1.3	<2.7	**2.6 J**	<1.3	<1.3	<1.3	<1.3
		7.5	8/18/2016	<7.2	<0.90	<0.90	<0.90	<0.90	<0.90	<1.8	<0.90	<4.5	<0.90	<0.90	<0.90	<0.90	<0.90	<1.8	**1.7 J**	<0.90	<0.90	<0.90	<0.90
		10	8/18/2016	<9.8	<1.2	<1.2	<1.2	<1.2	<1.2	<2.5	<1.2	<6.1	<1.2	<1.2	<1.2	<1.2	<1.2	<2.5	**1.4 J**	<1.2	<1.2	<1.2	<1.2
	U4U5-34	2.5	8/11/2016	<7.6	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<4.8	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95
		5	8/11/2016	<6.9	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<4.3	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	**1.2 J**	<0.86	<0.86	<0.86	<0.86
		7.5	8/11/2016	<7.3	<0.92	<0.92	<0.92	<0.92	<0.92	<1.8	<0.92	<4.6	<0.92	<0.92	<0.92	<0.92	<0.92	<1.8	**2.4**	<0.92	<0.92	<0.92	<0.92
		10	8/12/2016	<8.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	**1.6 J**	<1.0	<1.0	<1.0	<1.0
	U4U5-36	1	8/16/2016	<8.2	<1.0	<1.0	<1.0	<1.0	1.0 UJ	2.1 UJ	<1.0	<5.1	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0
		2.5	8/16/2016	<8.7	<1.1	<1.1	<1.1	<1.1	1.1 UJ	2.2 UJ	<1.1	<5.5	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	**3.4**	<1.1	<1.1	<1.1	<1.1
		5	8/16/2016	<7.8	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<4.9	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	**3.0**	<0.98	<0.98	<0.98	<0.98
		7.5	8/16/2016	<11	<1.3	<1.3	<1.3	<1.3	<1.3	<2.7	<1.3	<6.7	<1.3	<1.3	<1.3	<1.3	<1.3	<2.7	**2.1 J**	<1.3	<1.3	<1.3	<1.3
		10	8/16/2016	<7.9	<0.99	<0.99	<0.99	<0.99	<0.99	<2.0	<0.99	<5.0	<0.99	<0.99	<0.99	<0.99	<0.99	<2.0	**7.4**	<0.99	<0.99	<0.99	<0.99
	U4U5-37	1	8/02/2016	<4.9	<0.61	<0.61	<0.61	<0.61	<0.61	<1.2	<0.61	<3.1	<0.61	<0.61	<0.61	<0.61	<0.61	<1.2	<0.61	<0.61	<0.61	<0.61	<0.61
		2.5	8/02/2016	<5.8	<0.73	<0.73	<0.73	<0.73	<0.73	<1.5	<0.73	<3.6	<0.73	<0.73	<0.73	<0.73	<0.73	<1.5	<0.73	<0.73	<0.73	<0.73	<0.73
		5	8/02/2016	<6.1	<0.76	<0.76	<0.76	<0.76	<0.76	<1.5	<0.76	<3.8	<0.76	<0.76	<0.76	<0.76	<0.76	<1.5	<0.76	<0.76	<0.76	<0.76	<0.76
		7.5	8/02/2016	<5.9	<0.74	<0.74	<0.74	<0.74	<0.74	<1.5	<0.74	<3.7	<0.74	<0.74	<0.74	<0.74	<0.74	<1.5	**1.5**	<0.74	<0.74	<0.74	<0.74
		10	8/02/2016	<4.7	<0.59	<0.59	<0.59	<0.59	<0.59	<1.2	<0.59	<3.0	<0.59	<0.59	<0.59	<0.59	<0.59	<1.2	**2.9**	<0.59	<0.59	<0.59	<0.59
	U4U5-38	1	8/04/2016	<5.6	<0.70	<0.70	<0.70	<0.70	<0.70	<1.4	<0.70	<3.5	<0.70	<0.70	<0.70	<0.70	<0.70	<1.4	<0.70	<0.70	<0.70	<0.70	<0.70
		2.5	8/04/2016	<6.2	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	<0.78	<3.9	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	**3.8**	<0.78	<0.78	<0.78	<0.78
		5	8/04/2016	<5.4	<0.68	<0.68	<0.68	<0.68	<0.68	<1.4	<0.68	<3.4	<0.68	<0.68	<0.68	<0.68	<0.68	<1.4	**7.3**	<0.68	<0.68	<0.68	<0.68
		7.5	8/04/2016	<11	<1.3	<1.3	<1.3	<1.3	<1.3	<2.7	<1.3	<6.7	<1.3	<1.3	<1.3	<1.3	<1.3	<2.7	**5.2**	<1.3	<1.3	<1.3	<1.3
	U4U5-39	1	8/01/2016	<7.1	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<4.5	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	**3.7 J**	<0.89	<0.89	<0.89	<0.89
			8/01/2016 (FD)	<5.8	<0.72	<0.72	<0.72	<0.72	<0.72	<1.4	<0.72	<3.6	<0.72	<0.72	<0.72	<0.72	<0.72	<1.4	**8.2 J**	<0.72	<0.72	<0.72	<0.72
		2.5	8/01/2016	<17	<2.1	<2.1	<2.1	<2.1	<2.1	<4.2	<2.1	<11	<2.1	<2.1	<2.1	<2.1	<2.1	<4.2	**210 J-**	<2.1	<2.1	<2.1	<2.1
			8/01/2016 (FD)	<6.9	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<4.3	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	**9.8**	<0.86	<0.86	<0.86	<0.86
		5	8/01/2016	<5.4	<0.68	<0.68	<0.68	<0.68	<0.68	<1.4	<0.68	<3.4	<0.68	<0.68	<0.68	<0.68	<0.68	<1.4	**8.1**	<0.68	<0.68	<0.68	<0.68
		7.5	8/01/2016	<6.1	<0.76	<0.76	<0.76	<0.76	<0.76	<1.5	<0.76	<3.8	<0.76	<0.76	<0.76	<0.76	<0.76	<1.5	**28**	<0.76	<0.76	<0.76	<0.76
		10	8/01/2016	<6.5	<0.81	<0.81	<0.81	<0.81	<0.81	<1.6	<0.81	<4.1	<0.81	<0.81	<0.81	<0.81	<0.81	<1.6	**77**	<0.81	<0.81	<0.81	<0.81
	U4U5-40	1	8/03/2016	<6.1	<0.76	<0.76	<0.76	<0.76	<0.76	<1.5	<0.76	<3.8	<0.76	<0.76	<0.76	<0.76	<0.76	<1.5	**1.1 J**	<0.76	<0.76	<0.76	<0.76
		2.5	8/03/2016	<8.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**2.4**	<1.0	<1.0	<1.0	<1.0
		5	8/03/2016	<6.3	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	<0.78	<3.9	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	**12 J**	<0.78	<0.78	<0.78	<0.78
			8/03/2016 (FD)	<6.3	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	<0.78	<3.9	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	**25 J**	<0.78	<0.78	<0.78	<0.78
		7.5	8/03/2016	<7.1	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<4.4	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	**16**	<0.89	<0.89	<0.89	<0.89
		10	8/03/2016	4.9 UJ	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ	1.2 UJ	0.61 UJ	3.0 UJ	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ	1.2 UJ	**16 J-**	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ
	U4U5-41	1.5	7/27/2016	<5.9	<0.73	<0.73	<0.73	<0.73	<0.73	<1.5	<0.73	<3.7	<0.73	<0.73	<0.73	0.73 UJ	<0.73	<1.5	<0.70	<0.73	<0.73	<0.73	<0.73
		2.5	7/27/2016	<8.5	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<5.3	<1.1	<1.1	<1.1	1.1 UJ	<1.1	<2.1	**1.8 J**	<1.1	<1.1	<1.1	<1.1
		5	7/27/2016	**22 J**	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<5.9	<1.2	<1.2	<1.2	1.2 UJ	<1.2	<2.4	**3.3**	<1.2	<1.2	<1.2	<1.2
		7.5	7/27/2016	<5.7	<0.71	<0.71	<0.71	<0.71	<0.71	<1.4	<0.71	<3.5	<0.71	<0.71	<0.71	0.71 UJ	<0.71	<1.4	**9.3**	<0.71	<0.71	<0.71	<0.71
		10	7/27/2016	<7.8	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<4.9	<0.98	<0.98	<0.98	0.98 UJ	<0.98	<2.0	**16**	<0.98	<0.98	<0.98	<0.98
	U4U5-42	1	8/12/2016	<7.1	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<4.5	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89
		2.5	8/12/2016	<8.9	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<5.6	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1
			8/12/2016 (FD)	<8.4	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<5.3	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	8/12/2016	<6.3	<0.79	<0.79	<0.79	<0.79	<0.79	<1.6	<0.79	<3.9	<0.79	<0.79	<0.79	<0.79	<0.79	<1.6	<0.79	<0.79	<0.79	<0.79	<0.79

Table A-2d. SOIL ANALYTICAL RESULTS, ECA GROUP BC
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Acetone	t-Amyl methyl ether	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene
		HSSL:		100,000,000	--	5,310	679,000	628,000	1,300	95,300	30,300	28,400,000	108,000	145,000	183,000	2,960	1,370,000	2,120,000	1,390	464,000	907,000	26,000,000	10,400,000
Unit Buildings 4 and 5 Investigation	U4U5-42	7.5	8/12/2016	<8.4	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	**4.6**	<1.0	<1.0	<1.0	<1.0
		10	8/12/2016	<9.2	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<5.7	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	**1.7 J**	<1.1	<1.1	<1.1	<1.1
	U4U5-43	2.5	8/10/2016	<6.1	<0.77	<0.77	<0.77	<0.77	<0.77	<1.5	<0.77	<3.8	<0.77	<0.77	<0.77	<0.77	<0.77	<1.5	<0.77	<0.77	<0.77	<0.77	<0.77
		5	8/10/2016	<5.8	<0.72	<0.72	<0.72	<0.72	<0.72	<1.4	<0.72	<3.6	<0.72	<0.72	<0.72	<0.72	<0.72	<1.4	<0.72	<0.72	<0.72	<0.72	<0.72
		7.5	8/11/2016	<8.7	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<5.5	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1
		10	8/11/2016	<9.2	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<5.7	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	**1.3 J**	<1.1	<1.1	<1.1	<1.1
	U4U5-45	5	7/27/2016	<5.8	<0.73	<0.73	<0.73	<0.73	<0.73	<1.5	<0.73	<3.6	<0.73	<0.73	<0.73	0.73 UJ	<0.73	<1.5	**2.8**	<0.73	<0.73	<0.73	<0.73
		7.5	7/27/2016	<7.6	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<4.8	<0.95	<0.95	<0.95	0.95 UJ	<0.95	<1.9	**5.5**	<0.95	<0.95	<0.95	<0.95
		10	7/27/2016	<6.6	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<4.2	<0.83	<0.83	<0.83	0.83 UJ	<0.83	<1.7	**4.0**	<0.83	<0.83	<0.83	<0.83
	U4U5-46	1	8/09/2016	<8.8	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<5.5	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1
		2.5	8/09/2016	<9.6	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<6.0	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<1.2	<1.2	<1.2	<1.2
		5	8/10/2016	<7.2	<0.90	<0.90	<0.90	<0.90	<0.90	<1.8	<0.90	<4.5	<0.90	<0.90	<0.90	<0.90	<0.90	<1.8	**2.5**	<0.90	<0.90	<0.90	<0.90
		7.5	8/10/2016	<7.7	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	<4.8	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	**2.0**	<0.96	<0.96	<0.96	<0.96
		10	8/10/2016	<7.7	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	<4.8	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	**0.98 J**	<0.96	<0.96	<0.96	<0.96
	U4U5-47	1	8/10/2016	**8.5 J**	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<4.8	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	**0.98 J**	<0.95	<0.95	<0.95	<0.95
		2.5	8/10/2016	<9.9	<1.2	<1.2	<1.2	<1.2	<1.2	<2.5	<1.2	<6.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.5	**1.3 J**	<1.2	<1.2	<1.2	<1.2
		5	8/10/2016	<8.3	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	**7.1**	<1.0	<1.0	<1.0	<1.0
		7.5	8/10/2016	<8.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**2.2**	<1.0	<1.0	<1.0	<1.0
			8/10/2016 (FD)	<6.4	<0.80	<0.80	<0.80	<0.80	<0.80	<1.6	<0.80	<4.0	<0.80	<0.80	<0.80	<0.80	<0.80	<1.6	**3.8**	<0.80	<0.80	<0.80	<0.80
		10	8/16/2016	<6.8	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<4.3	**0.87 J**	<0.86	<0.86	<0.86	<0.86	<1.7	**4.5**	<0.86	<0.86	<0.86	<0.86
	U4U5-48	1	6/28/2016	<7.3	<0.91	<0.91	<0.91	<0.91	<0.91	<1.8	<0.91	<4.5	<0.91	<0.91	<0.91	<0.91	<0.91	<1.8	<0.91	<0.91	<0.91	<0.91	<0.91
		2.5	6/28/2016	<7.5	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<4.7	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<0.94	<0.94	<0.94	<0.94
		5	6/29/2016	<7.0	<0.88	<0.88	<0.88	<0.88	<0.88	<1.8	<0.88	<4.4	<0.88	<0.88	<0.88	<0.88	<0.88	<1.8	<0.88	<0.88	<0.88	<0.88	<0.88
		7.5	6/29/2016	<7.0	<0.88	<0.88	<0.88	<0.88	<0.88	<1.8	<0.88	<4.4	<0.88	<0.88	<0.88	<0.88	<0.88	<1.8	<0.88	<0.88	<0.88	<0.88	<0.88
		10	6/29/2016	<7.6	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<4.8	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95
	U4U5-49	1	6/29/2016	<8.3	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0
		2.5	6/29/2016	<9.8	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<6.1	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<1.2	<1.2	<1.2	<1.2
		5	6/29/2016	<7.5	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<4.7	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<0.94	<0.94	<0.94	<0.94
		7.5	6/29/2016	<7.1	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<4.5	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89
		10	6/29/2016	<5.9	<0.73	<0.73	<0.73	<0.73	<0.73	<1.5	<0.73	<3.7	<0.73	<0.73	<0.73	<0.73	<0.73	<1.5	<0.73	<0.73	<0.73	<0.73	<0.73
	U4U5-50	1	6/29/2016	<7.5	<0.93	<0.93	<0.93	<0.93	<0.93	<1.9	<0.93	<4.7	<0.93	<0.93	<0.93	<0.93	<0.93	<1.9	<0.93	<0.93	<0.93	<0.93	<0.93
		2.5	6/29/2016	<7.8	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<4.9	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<0.98	<0.98	<0.98	<0.98
		5	6/29/2016	<8.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
		7.5	6/29/2016	<9.2	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<5.7	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<1.1	<1.1	<1.1	<1.1
		10	6/29/2016	<7.6	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<4.7	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95
	U4U5-51	1	6/30/2016	<8.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
		2.5	6/30/2016	<8.8	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<5.5	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1
		5	6/30/2016	<7.2	<0.90	<0.90	<0.90	<0.90	<0.90	<1.8	<0.90	<4.5	<0.90	<0.90	<0.90	<0.90	<0.90	<1.8	<0.90	<0.90	<0.90	<0.90	<0.90
		7.5	6/30/2016	<12	<1.5	<1.5	<1.5	<1.5	<1.5	<2.9	<1.5	<7.3	<1.5	<1.5	<1.5	<1.5	<1.5	<2.9	<1.5	<1.5	<1.5	<1.5	<1.5
		10	6/30/2016	<6.3	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	<0.78	<3.9	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	<0.78	<0.78	<0.78	<0.78	<0.78
	U4U5-55	5	8/09/2016	<10	<1.3	<1.3	<1.3	<1.3	<1.3	<2.6	<1.3	<6.5	<1.3	<1.3	<1.3	<1.3	<1.3	<2.6	**4.8 J**	<1.3	<1.3	<1.3	<1.3
			8/09/2016 (FD)	<8.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<5.1	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**2.5 J**	<1.0	<1.0	<1.0	<1.0
		7.5	8/09/2016	<9.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.3	<1.2	<5.8	<1.2	<1.2	<1.2	<1.2	<1.2	<2.3	**3.9**	<1.2	<1.2	<1.2	<1.2
		10	8/09/2016	<9.6	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<6.0	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	**16**	<1.2	<1.2	<1.2	<1.2
			8/11/2016	<8.1	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**2.1 J**	<1.0	<1.0	<1.0	<1.0
			8/11/2016 (FD)	<13	<1.7	<1.7	<1.7	<1.7	<1.7	<3.4	<1.7	<8.4	<1.7	<1.7	<1.7	<1.7	<1.7	<3.4	**22 J**	<1.7	<1.7	<1.7	<1.7
	U4U5-56	5	8/03/2016	<6.9	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<4.3	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	**3.8**	<0.86	<0.86	<0.86	<0.86
		7.5	8/03/2016	<4.7	<0.59	<0.59	<0.59	<0.59	<0.59	<1.2	<0.59	<2.9	<0.59	<0.59	<0.59	<0.59	<0.59	<1.2	**13**	<0.59	<0.59	<0.59	<0.59
			8/03/2016 (FD)	<4.9	<0.61	<0.61	<0.61	<0.61	<0.61	<1.2	<0.61	<3.1	<0.61	<0.61	<0.61	<0.61	<0.61	<1.2	**8.0**	<0.61	<0.61	<0.61	<0.61
		10	8/03/2016	<4.8	<0.60	<0.60	<0.60	<0.60	<0.60	<1.2	<0.60	<3.0	<0.60	<0.60	<0.60	<0.60	<0.60	<1.2	**2.1**	<0.60	<0.60	<0.60	<0.60

Table A-2d. SOIL ANALYTICAL RESULTS, ECA GROUP BC
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Acetone	t-Amyl methyl ether	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene
			HSSL:	100,000,000	--	5,310	679,000	628,000	1,300	95,300	30,300	28,400,000	108,000	145,000	183,000	2,960	1,370,000	2,120,000	1,390	464,000	907,000	26,000,000	10,400,000
Unit Buildings 4 and 5 Investigation	U4U5-57	5	8/09/2016	<8.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**5.7**	<1.0	<1.0	<1.0	<1.0
		7.5	8/09/2016	<8.8	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<5.5	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	**4.1**	<1.1	<1.1	<1.1	<1.1
		10	8/09/2016	<11	<1.4	<1.4	<1.4	<1.4	<1.4	<2.9	<1.4	<7.2	<1.4	<1.4	<1.4	<1.4	<1.4	<2.9	**2.8 J**	<1.4	<1.4	<1.4	<1.4
	U4U5-58	5	8/05/2016	<6.8	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<4.3	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	**2.8**	<0.86	<0.86	<0.86	<0.86
		7.5	8/05/2016	<6.3	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	<0.78	<3.9	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	**4.7**	<0.78	<0.78	<0.78	<0.78
		10	8/05/2016	<5.7	<0.71	<0.71	<0.71	<0.71	<0.71	<1.4	<0.71	<3.5	<0.71	<0.71	<0.71	<0.71	<0.71	<1.4	**12**	<0.71	<0.71	<0.71	<0.71
	U4U5-59	5	8/01/2016	<6.8	<0.85	<0.85	<0.85	<0.85	<0.85	<1.7	<0.85	<4.3	<0.85	<0.85	<0.85	<0.85	<0.85	<1.7	**4.4**	<0.85	<0.85	<0.85	<0.85
		7.5	8/01/2016	<9.5	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<5.9	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	**13**	<1.2	<1.2	<1.2	<1.2
		10	8/01/2016	<5.5	<0.69	<0.69	<0.69	<0.69	<0.69	<1.4	<0.69	<3.4	<0.69	<0.69	<0.69	<0.69	<0.69	<1.4	**10**	<0.69	<0.69	<0.69	<0.69
	U4U5-60	1	8/08/2016	<7.7	<0.97	<0.97	<0.97	<0.97	<0.97	<1.9	<0.97	<4.8	<0.97	<0.97	<0.97	<0.97	<0.97	<1.9	**3.1**	<0.97	<0.97	<0.97	<0.97
		2.5	8/08/2016	<9.0	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<5.6	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	**1.3 J**	<1.1	<1.1	<1.1	<1.1
		5	8/08/2016	<8.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<5.1	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	**2.4**	<1.0	<1.0	<1.0	<1.0
		7.5	8/08/2016	<7.7	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	<4.8	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	**12**	<0.96	<0.96	<0.96	<0.96
		10	8/08/2016	<7.5	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<4.7	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	**2.9**	<0.94	<0.94	<0.94	<0.94
	U4U5-61	2.5	8/04/2016	<5.8	<0.72	<0.72	<0.72	<0.72	<0.72	<1.4	<0.72	<3.6	<0.72	<0.72	<0.72	<0.72	<0.72	<1.4	**13**	<0.72	<0.72	<0.72	<0.72
		5	8/04/2016	<7.1	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<4.4	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89
		7.5	8/04/2016	<9.6	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<6.0	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	**8.5**	<1.2	<1.2	<1.2	<1.2
		10	8/04/2016	**11 J**	<1.2	<1.2	<1.2	<1.2	<1.2	<2.3	<1.2	<5.9	<1.2	<1.2	<1.2	<1.2	<1.2	<2.3	**4.6**	<1.2	<1.2	<1.2	<1.2
	U4U5-62	1	8/05/2016	<5.3	<0.66	<0.66	<0.66	<0.66	<0.66	<1.3	<0.66	<3.3	<0.66	<0.66	<0.66	<0.66	<0.66	<1.3	<0.66	<0.66	<0.66	<0.66	<0.66
		2.5	8/05/2016	<6.5	<0.81	<0.81	<0.81	<0.81	<0.81	<1.6	<0.81	<4.1	<0.81	<0.81	<0.81	<0.81	<0.81	<1.6	**1.8**	<0.81	<0.81	<0.81	<0.81
			8/05/2016 (FD)	<6.3	<0.79	<0.79	<0.79	<0.79	<0.79	<1.6	<0.79	<3.9	<0.79	<0.79	<0.79	<0.79	<0.79	<1.6	**1.4 J**	<0.79	<0.79	<0.79	<0.79
		5	8/05/2016	<4.5	<0.56	<0.56	<0.56	<0.56	<0.56	<1.1	<0.56	<2.8	<0.56	<0.56	<0.56	<0.56	<0.56	<1.1	**8.1**	<0.56	<0.56	<0.56	<0.56
		7.5	8/05/2016	<7.8	<0.97	<0.97	<0.97	<0.97	<0.97	<1.9	<0.97	<4.9	<0.97	<0.97	<0.97	<0.97	<0.97	<1.9	**19**	<0.97	<0.97	<0.97	<0.97
		10	8/05/2016	<7.8	<0.97	<0.97	<0.97	<0.97	<0.97	<1.9	<0.97	<4.9	<0.97	<0.97	<0.97	<0.97	<0.97	<1.9	**12**	<0.97	<0.97	<0.97	<0.97
	U4U5-69	1	11/09/2016	**48**	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<4.9	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	**1.6 J**	<0.98	<0.98	<0.98	<0.98
		2.5	11/09/2016	<8.4	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<5.3	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	**1.1 J**	<1.1	<1.1	<1.1	<1.1
		5	11/09/2016	<8.3	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	**2.1**	<1.0	<1.0	<1.0	<1.0
		7.5	11/09/2016	<7.9	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<4.9	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	**1.7 J**	<0.98	<0.98	<0.98	<0.98
		10	11/09/2016	<8.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<5.1	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	**2.2**	<1.0	<1.0	<1.0	<1.0
	U4U5-75	1	10/02/2017	<6.3	<0.78	<0.78	<0.78	<0.78	<0.78	1.6 UJ	<0.78	<3.9	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	<0.78	<0.78	<0.78	<0.78	<0.78
		2.5	10/02/2017	<6.9	<0.87	<0.87	<0.87	<0.87	<0.87	<1.7	<0.87	<4.3	<0.87	<0.87	<0.87	<0.87	<0.87	<1.7	<0.87	<0.87	<0.87	<0.87	<0.87
		5	10/02/2017	<6.1	<0.76	<0.76	<0.76	<0.76	<0.76	1.5 UJ	<0.76	<3.8	<0.76	<0.76	<0.76	<0.76	<0.76	<1.5	<0.76	<0.76	<0.76	<0.76	<0.76
		7.5	10/02/2017	<9.1	<1.1	<1.1	<1.1	<1.1	<1.1	2.3 UJ	<1.1	<5.7	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	**5.8**	<1.1	<1.1	<1.1	<1.1
		10	10/02/2017	<7.5	<0.94	<0.94	<0.94	<0.94	<0.94	1.9 UJ	<0.94	<4.7	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	**1.5 J**	<0.94	<0.94	<0.94	<0.94

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-2d. SOIL ANALYTICAL RESULTS, ECA GROUP BC
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane	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
			HSSL:	147,000	64.9	43,300	168	98,900	376,000	373,000	11,500	368,000	15,800	2,100	20,000	400,000	304,000	11,700	26,000,000	--	--	--	--
Phase B	RSAQ5	1 - 2.5	9/09/2009	0.60 UJ	<0.65	<0.31	<0.29	<0.31	<0.37	<0.49	<0.66	0.49 UJ	<0.43	<0.33	<0.35	<0.29	<0.49	<0.37	<0.34	<0.31	<0.38	<0.32	<0.35
	RSAR5	0 - 1.5	10/06/2009	<0.70	<0.75	<0.36	<0.33	<0.36	<0.43	<0.57	<0.76	<0.57	<0.50	<0.38	<0.40	<0.34	<0.57	<0.43	<0.39	<0.36	<0.44	<0.37	<0.40
		9.5 - 11	10/06/2009	<0.66	<0.71	<0.34	<0.31	<0.34	<0.40	<0.54	<0.72	<0.54	<0.47	<0.36	<0.38	<0.32	<0.54	<0.40	<0.37	<0.34	<0.41	<0.35	<0.38
	RSAR6	1 - 2.5	9/14/2009	<0.69	<0.74	<0.36	<0.32	<0.36	<0.42	<0.56	<0.75	<0.56	<0.49	<0.38	<0.4	<0.33	<0.56	<0.42	<0.39	<0.36	<0.43	<0.37	<0.4
		9.5 - 11	9/14/2009	<0.89	<0.96	<0.46	<0.42	<0.46	<0.55	<0.73	<0.98	<0.73	<0.64	<0.49	<0.52	<0.43	<0.73	<0.55	<0.5	<0.46	<0.56	<0.48	<0.52
	RSAR7	8 - 9.5	10/12/2009	<0.73	<0.79	<0.38	<0.34	<0.38	<0.45	<0.59	<0.80	<0.59	<0.52	<0.40	<0.42	<0.36	<0.59	<0.45	<0.41	<0.38	<0.46	<0.39	<0.42
			10/12/2009 (FD)	<0.65	<0.70	<0.34	<0.31	<0.34	<0.40	<0.53	<0.71	<0.53	<0.47	<0.36	<0.38	<0.32	<0.53	<0.40	<0.37	<0.34	<0.41	<0.35	<0.38
	SA-30	5 - 6.5	9/15/2009	<0.70	<0.75	<0.36	<0.33	<0.36	<0.43	<0.57	<0.76	<0.57	<0.50	<0.38	<0.41	<0.34	<0.57	<0.43	<0.40	<0.36	<0.44	<0.37	<0.41
		9 - 10.5	9/15/2009	<0.69	<0.74	<0.36	<0.32	<0.36	<0.42	<0.56	<0.75	<0.56	<0.49	<0.38	<0.40	<0.33	<0.56	<0.42	<0.39	<0.36	<0.43	<0.37	<0.40
	SA-32	8 - 9.5	9/21/2009	<0.76	<0.81	<0.39	<0.36	<0.39	<0.46	<0.62	<0.83	<0.62	<0.54	<0.42	<0.44	<0.37	<0.62	<0.46	<0.43	<0.39	<0.47	<0.40	<0.44
	SA-124	1 - 2.5	9/10/2009	<0.65	<0.70	<0.34	<0.31	<0.34	<0.40	<0.53	<0.71	0.53 UJ	<0.47	<0.36	<0.38	<0.32	<0.53	<0.40	<0.37	<0.34	<0.41	<0.35	<0.38
	SA-125	1 - 2.5	9/10/2009	<0.74	<0.80	<0.38	<0.35	<0.38	<0.45	<0.60	<0.81	0.60 UJ	<0.53	<0.41	<0.43	<0.36	<0.60	<0.45	<0.42	<0.38	<0.46	<0.39	<0.43
	SA-133	0.5 - 2	9/01/2009	<0.64	<0.69	<0.33	<0.30	<0.33	<0.39	<0.52	<0.70	<0.52	<0.46	<0.35	<0.37	<0.31	<0.52	<0.39	<0.36	<0.33	<0.40	<0.34	<0.37
		10 - 11.5	9/01/2009	<0.68	<0.74	<0.36	<0.32	<0.36	<0.42	<0.56	<0.75	<0.56	<0.49	<0.38	<0.40	<0.33	<0.56	<0.42	<0.39	<0.36	<0.43	<0.37	<0.40
	SA-161	1.5 - 3	9/18/2009	<0.71	<0.76	<0.37	<0.33	<0.37	<0.43	<0.58	<0.77	<0.58	<0.51	<0.39	<0.41	<0.35	<0.58	<0.43	<0.40	<0.37	<0.44	<0.38	<0.41
	SA-208	9 - 10.5	9/25/2009	<0.72	<0.77	<0.37	<0.34	<0.37	<0.44	<0.58	<0.79	<0.58	<0.52	<0.40	<0.42	<0.35	<0.58	<0.44	<0.41	<0.37	<0.45	<0.38	<0.42
Phase 1 RI	M-189	0.5 - 1	12/02/2014	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0 UJ	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0 UJ	<0.50	<0.50	<0.50
		5 - 5.5	12/02/2014	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0 UJ	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0 UJ	<0.50	<0.50	<0.50
			12/02/2014 (FD)	<0.51	<2.1	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	1.0 UJ	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	1.0 UJ	<0.51	<0.51	<0.51
		10 - 10.5	12/02/2014	<0.48	<1.9	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	0.96 UJ	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	0.96 UJ	<0.48	<0.48	<0.48
	M-191	1 - 1.5	12/01/2014	<0.52	2.1 UJ	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	1.0 UJ	<0.52	0.52 UJ	<0.52	<0.52	<0.52	<0.52	<0.52	<1.0	<0.52	<0.52	<0.52
			12/01/2014 (FD)	<0.52	2.1 UJ	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	1.0 UJ	<0.52	0.52 UJ	<0.52	<0.52	<0.52	<0.52	<0.52	<1.0	<0.52	<0.52	<0.52
		5 - 5.5	12/01/2014	<0.52	2.1 UJ	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	1.0 UJ	<0.52	0.52 UJ	<0.52	<0.52	<0.52	<0.52	<0.52	<1.0	<0.52	<0.52	<0.52
		10 - 10.5	12/01/2014	<0.52	2.1 UJ	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	1.0 UJ	<0.52	0.52 UJ	<0.52	<0.52	<0.52	<0.52	<0.52	<1.0	<0.52	<0.52	<0.52
	M-192	0.5 - 1	12/03/2014	<0.51	<2.0	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	1.0 UJ	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<1.0	<0.51	<0.51	<0.51
		5 - 5.5	12/03/2014	<0.52	<2.1	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	1.0 UJ	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<1.0	<0.52	<0.52	<0.52
		10 - 10.5	12/03/2014	<0.51	<2.0	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	1.0 UJ	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<1.0	<0.51	<0.51	<0.51
Phase 2 RI	RI-23	2 - 2.5	5/17/2017	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50
		5 - 5.5	5/17/2017	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50
		10 - 10.5	5/17/2017	<0.52	<2.1	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<1.0	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<1.0	<0.52	<0.52	<0.52
Unit Buildings 4 and 5 Investigation	U4U5-2	1	10/30/2015	<0.94	<1.9	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94
		2.5	10/30/2015	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	1.1 UJ	<1.1	<1.1	<1.1
		5	10/30/2015	<0.94	<1.9	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94
		7.5	10/30/2015	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	U4U5-3	2.5	10/29/2015	<0.85	<1.7	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<1.7	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85
		5	10/29/2015	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		7.5	10/29/2015	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
		10	10/29/2015	<0.92	<1.8	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<1.8	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92
	U4U5-4	1	10/30/2015	<0.98	<2.0	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98
		2.5	10/30/2015	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		5	10/30/2015	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
		7.5	10/30/2015	<0.91	<1.8	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<1.8	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91
		10	10/30/2015	<0.94	<1.9	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94
	U4U5-20	1	8/02/2016	<0.82	<1.6	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<1.6	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82
		2.5	8/02/2016	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	8/02/2016	<0.82	<1.6	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<1.6	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82
		7.5	8/02/2016	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		10	8/02/2016	<0.93	<1.9	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<1.9	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93
	U4U5-21	1.5	7/19/2016	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
		2.5	7/19/2016	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95

Table A-2d. SOIL ANALYTICAL RESULTS, ECA GROUP BC
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																			
				p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane	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
			HSSL:	147,000	64.9	43,300	168	98,900	376,000	373,000	11,500	368,000	15,800	2,100	20,000	400,000	304,000	11,700	26,000,000	--	--	--	--
Unit Buildings 4 and 5 Investigation	U4U5-21	5	7/20/2016	<0.83	<1.7	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83
			7/20/2016 (FD)	<0.91	<1.8	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<1.8	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91
		7.5	7/20/2016	<0.93	<1.9	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<1.9	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93
		10	7/20/2016	<0.96	1.9 UJ	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96
	U4U5-22	1.5	7/19/2016	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		2.5	7/19/2016	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		5	7/20/2016	<0.89	1.8 UJ	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
		7.5	7/20/2016	<0.98	<2.0	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98
		10	7/21/2016	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	U4U5-23	1	7/19/2016	<0.98	<2.0	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98
		2.5	7/19/2016	<0.83	<1.7	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83
		5	7/19/2016	<0.83	<1.7	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83
		7.5	7/19/2016	<0.90	<1.8	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<1.8	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90
		10	7/19/2016	<0.84	<1.7	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<1.7	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84
	U4U5-24	1	7/19/2016	0.81 UJ	1.6 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	1.6 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ
		2.5	7/19/2016	<0.96	<1.9	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	0.96 UJ	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96
		5	7/19/2016	<0.87	<1.7	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<1.7	<0.87	0.87 UJ	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87
		7.5	7/19/2016	<0.80	<1.6	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<1.6	<0.80	0.80 UJ	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
	U4U5-25	1	8/11/2016	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		2.5	8/11/2016	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	8/11/2016	<0.99	<2.0	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<2.0	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99
		7.5	8/12/2016	<1.2	<2.4	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		10	8/12/2016	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	U4U5-27	1	8/16/2016	<1.1	2.2 UJ	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	1.1 UJ	<1.1	<1.1	<1.1
		2.5	8/16/2016	<1.1	2.3 UJ	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	1.1 UJ	<1.1	<1.1	<1.1
		5	8/16/2016	<1.2	2.4 UJ	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	1.2 UJ	<1.2	<1.2	<1.2
		7.5	8/17/2016	<1.0	2.0 UJ	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0 UJ	<1.0	<1.0	<1.0
			8/17/2016 (FD)	<1.1	2.1 UJ	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	1.1 UJ	<1.1	<1.1	<1.1
		10	8/17/2016	<1.1	2.2 UJ	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	1.1 UJ	<1.1	<1.1	<1.1
	U4U5-28	1	8/15/2016	<1.1	<2.3	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		2.5	8/15/2016	0.92 UJ	1.8 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	1.8 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ
		5	8/15/2016	0.85 UJ	1.7 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	1.7 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ
		7.5	8/15/2016	0.92 UJ	1.8 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	1.8 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ
		10	8/15/2016	1.2 UJ	2.4 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	2.4 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ
			8/15/2016 (FD)	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
	U4U5-29	1.5	7/19/2016	<1.2	<2.3	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.3	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		2.5	7/19/2016	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	7/21/2016	<0.86	<1.7	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
		7.5	7/21/2016	<1.2	<2.5	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.5	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		10	7/21/2016	<0.92	<1.8	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<1.8	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92
	U4U5-30	1.5	7/20/2016	<1.0	2.1 UJ	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		2.5	7/20/2016	<0.98	2.0 UJ	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98
		5	7/22/2016	<0.80	<1.6	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<1.6	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
		7.5	7/22/2016	<1.0	<2.1	1.0 UJ	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	1.0 UJ	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0 UJ
		10	7/22/2016	<1.1	<2.3	1.1 UJ	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	1.1 UJ	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	1.1 UJ
	U4U5-31	1.5	7/20/2016	<0.87	<1.7	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<1.7	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87
		2.5	7/20/2016	<1.2	<2.4	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
			7/20/2016 (FD)	<1.2	<2.4	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		5	7/20/2016	<2.5	4.9 UJ	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<4.9	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
		7.5	7/20/2016	<0.93	1.9 UJ	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<1.9	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93

Table A-2d. SOIL ANALYTICAL RESULTS, ECA GROUP BC
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane	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
			HSSL:	147,000	64.9	43,300	168	98,900	376,000	373,000	11,500	368,000	15,800	2,100	20,000	400,000	304,000	11,700	26,000,000	--	--	--	--
Unit Buildings 4 and 5 Investigation	U4U5-31	10	7/20/2016	<1.0	2.1 UJ	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	U4U5-32	1.5	7/22/2016	<0.86	<1.7	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
		2.5	7/22/2016	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
		5	7/22/2016	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		7.5	7/22/2016	<0.92	<1.8	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<1.8	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92
	U4U5-33	1	8/17/2016	<1.1	2.3 UJ	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	1.1 UJ	<1.1	<1.1	<1.1
		2.5	8/17/2016	<1.2	2.3 UJ	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.3	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	1.2 UJ	<1.2	<1.2	<1.2
		5	8/18/2016	<1.3	<2.7	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.7	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
		7.5	8/18/2016	<0.90	<1.8	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<1.8	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90
		10	8/18/2016	<1.2	<2.5	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.5	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
	U4U5-34	2.5	8/11/2016	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
		5	8/11/2016	<0.86	<1.7	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
		7.5	8/11/2016	<0.92	<1.8	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<1.8	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92
		10	8/12/2016	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	U4U5-36	1	8/16/2016	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		2.5	8/16/2016	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	8/16/2016	<0.98	2.0 UJ	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	0.98 UJ	<0.98	<0.98	<0.98
		7.5	8/16/2016	<1.3	2.7 UJ	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.7	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	1.3 UJ	<1.3	<1.3	<1.3
		10	8/16/2016	<0.99	2.0 UJ	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<2.0	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	0.99 UJ	<0.99	<0.99	<0.99
	U4U5-37	1	8/02/2016	<0.61	<1.2	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<1.2	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61
		2.5	8/02/2016	<0.73	<1.5	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<1.5	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73
		5	8/02/2016	<0.76	<1.5	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<1.5	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76
		7.5	8/02/2016	<0.74	<1.5	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<1.5	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74
		10	8/02/2016	<0.59	<1.2	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<1.2	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59
	U4U5-38	1	8/04/2016	<0.70	<1.4	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<1.4	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70
		2.5	8/04/2016	<0.78	<1.6	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78
		5	8/04/2016	<0.68	<1.4	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<1.4	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68
		7.5	8/04/2016	<1.3	<2.7	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.7	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
	U4U5-39	1	8/01/2016	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
			8/01/2016 (FD)	<0.72	<1.4	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<1.4	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72
		2.5	8/01/2016	<2.1	<4.2	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.2	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
			8/01/2016 (FD)	<0.86	<1.7	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
		5	8/01/2016	<0.68	<1.4	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<1.4	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68
		7.5	8/01/2016	<0.76	<1.5	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<1.5	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76
		10	8/01/2016	<0.81	<1.6	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<1.6	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81
	U4U5-40	1	8/03/2016	<0.76	<1.5	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<1.5	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76
		2.5	8/03/2016	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		5	8/03/2016	<0.78	<1.6	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78
			8/03/2016 (FD)	<0.78	<1.6	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78
		7.5	8/03/2016	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
		10	8/03/2016	0.61 UJ	1.2 UJ	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ	1.2 UJ	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ
	U4U5-41	1.5	7/27/2016	<0.73	1.5 UJ	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<1.5	<0.73	0.73 UJ	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73
		2.5	7/27/2016	<1.1	2.1 UJ	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	1.1 UJ	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	7/27/2016	<1.2	2.4 UJ	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	1.2 UJ	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		7.5	7/27/2016	<0.71	1.4 UJ	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<1.4	<0.71	0.71 UJ	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71
		10	7/27/2016	<0.98	2.0 UJ	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	0.98 UJ	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98
	U4U5-42	1	8/12/2016	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
		2.5	8/12/2016	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
			8/12/2016 (FD)	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	8/12/2016	<0.79	<1.6	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<1.6	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79

Table A-2d. SOIL ANALYTICAL RESULTS, ECA GROUP BC
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane	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
			HSSL:	147,000	64.9	43,300	168	98,900	376,000	373,000	11,500	368,000	15,800	2,100	20,000	400,000	304,000	11,700	26,000,000	--	--	--	--
Unit Buildings 4 and 5 Investigation	U4U5-42	7.5	8/12/2016	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		10	8/12/2016	<1.1	<2.3	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
	U4U5-43	2.5	8/10/2016	<0.77	<1.5	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<1.5	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77
		5	8/10/2016	<0.72	<1.4	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<1.4	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72
		7.5	8/11/2016	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		10	8/11/2016	<1.1	<2.3	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
	U4U5-45	5	7/27/2016	<0.73	1.5 UJ	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<1.5	<0.73	0.73 UJ	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73
		7.5	7/27/2016	<0.95	1.9 UJ	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	0.95 UJ	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
		10	7/27/2016	<0.83	1.7 UJ	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	0.83 UJ	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83
	U4U5-46	1	8/09/2016	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		2.5	8/09/2016	<1.2	<2.4	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		5	8/10/2016	<0.90	<1.8	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<1.8	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90
		7.5	8/10/2016	<0.96	<1.9	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96
		10	8/10/2016	<0.96	<1.9	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96
	U4U5-47	1	8/10/2016	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
		2.5	8/10/2016	<1.2	<2.5	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.5	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		5	8/10/2016	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		7.5	8/10/2016	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
			8/10/2016 (FD)	<0.80	<1.6	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<1.6	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
		10	8/16/2016	<0.86	1.7 UJ	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	0.86 UJ	<0.86	<0.86	<0.86
	U4U5-48	1	6/28/2016	<0.91	<1.8	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<1.8	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91
		2.5	6/28/2016	<0.94	<1.9	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94
		5	6/29/2016	<0.88	<1.8	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<1.8	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88
		7.5	6/29/2016	<0.88	<1.8	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<1.8	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88
		10	6/29/2016	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
	U4U5-49	1	6/29/2016	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		2.5	6/29/2016	<1.2	<2.4	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		5	6/29/2016	<0.94	<1.9	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94
		7.5	6/29/2016	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
		10	6/29/2016	<0.73	<1.5	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<1.5	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73
	U4U5-50	1	6/29/2016	<0.93	<1.9	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<1.9	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93
		2.5	6/29/2016	<0.98	<2.0	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98
		5	6/29/2016	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		7.5	6/29/2016	<1.1	<2.3	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		10	6/29/2016	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
	U4U5-51	1	6/30/2016	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0 UJ	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		2.5	6/30/2016	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	1.1 UJ	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	6/30/2016	<0.90	<1.8	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<1.8	<0.90	<0.90	<0.90	<0.90	<0.90	0.90 UJ	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90
		7.5	6/30/2016	<1.5	<2.9	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<2.9	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
		10	6/30/2016	<0.78	<1.6	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78
	U4U5-55	5	8/09/2016	<1.3	<2.6	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.6	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
			8/09/2016 (FD)	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		7.5	8/09/2016	<1.2	<2.3	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.3	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		10	8/09/2016	<1.2	<2.4	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
			8/11/2016	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
			8/11/2016 (FD)	<1.7	<3.4	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<3.4	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
	U4U5-56	5	8/03/2016	<0.86	<1.7	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
		7.5	8/03/2016	<0.59	<1.2	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<1.2	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59
			8/03/2016 (FD)	<0.61	<1.2	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<1.2	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61
		10	8/03/2016	<0.60	<1.2	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<1.2	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60

Table A-2d. SOIL ANALYTICAL RESULTS, ECA GROUP BC
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane	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
			HSSL:	147,000	64.9	43,300	168	98,900	376,000	373,000	11,500	368,000	15,800	2,100	20,000	400,000	304,000	11,700	26,000,000	--	--	--	--
Unit Buildings 4 and 5 Investigation	U4U5-57	5	8/09/2016	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		7.5	8/09/2016	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		10	8/09/2016	<1.4	<2.9	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<2.9	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
	U4U5-58	5	8/05/2016	<0.86	<1.7	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
		7.5	8/05/2016	<0.78	<1.6	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78
		10	8/05/2016	<0.71	<1.4	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<1.4	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71
	U4U5-59	5	8/01/2016	<0.85	<1.7	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<1.7	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85
		7.5	8/01/2016	<1.2	<2.4	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		10	8/01/2016	<0.69	<1.4	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<1.4	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69
	U4U5-60	1	8/08/2016	<0.97	<1.9	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<1.9	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97
		2.5	8/08/2016	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	8/08/2016	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		7.5	8/08/2016	<0.96	<1.9	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96
		10	8/08/2016	<0.94	<1.9	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94
	U4U5-61	2.5	8/04/2016	<0.72	<1.4	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<1.4	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72
		5	8/04/2016	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
		7.5	8/04/2016	<1.2	<2.4	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		10	8/04/2016	<1.2	<2.3	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.3	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
	U4U5-62	1	8/05/2016	<0.66	<1.3	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<1.3	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66
		2.5	8/05/2016	<0.81	<1.6	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<1.6	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81
			8/05/2016 (FD)	<0.79	<1.6	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<1.6	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79
		5	8/05/2016	<0.56	<1.1	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<1.1	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
		7.5	8/05/2016	<0.97	<1.9	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<1.9	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97
		10	8/05/2016	<0.97	<1.9	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<1.9	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97
	U4U5-69	1	11/09/2016	<0.98	<2.0	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98
		2.5	11/09/2016	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	11/09/2016	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		7.5	11/09/2016	<0.98	<2.0	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98
		10	11/09/2016	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	U4U5-75	1	10/02/2017	<0.78	<1.6	0.78 UJ	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78
		2.5	10/02/2017	<0.87	<1.7	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<1.7	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87
		5	10/02/2017	<0.76	<1.5	0.76 UJ	<0.76	<0.76	<0.76	<0.76	<0.76	<1.5	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76
		7.5	10/02/2017	<1.1	<2.3	1.1 UJ	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		10	10/02/2017	<0.94	<1.9	0.94 UJ	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-2d. SOIL ANALYTICAL RESULTS, ECA GROUP BC
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Diisopropyl ether	Ethyl benzene	Ethyl tert-butyl ether	Hexachlorobutadiene	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	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
			HSSL:	2,260,000	26,600	560,000	5,610	1,490,000	217,000	1,130,000	11,300	3,360,000	264,000	867,000	9,070	2,910	107,000	818,000	151,000	125,000	640,000	5,280	6,310
Phase B	RSAQ5	1 - 2.5	9/09/2009	<0.23	<0.83	<0.23	0.71 UJ	<0.67	<0.29	<0.36	0.85 UJ	<0.61	<0.48	<0.43	<0.27	<0.38	<0.46	**1.2 J**	0.68 UJ	<0.84	<0.20	<0.55	<0.38
	RSAR5	0 - 1.5	10/06/2009	<0.26	<0.96	<0.26	0.81 UJ	<0.77	<0.34	<0.42	<0.99	<0.71	<0.56	<0.49	<0.31	<0.44	<0.53	<0.35	<0.78	<0.97	<0.23	<0.63	<0.44
		9.5 - 11	10/06/2009	<0.25	<0.90	<0.25	0.77 UJ	<0.73	<0.32	<0.39	<0.93	<0.67	<0.53	<0.46	<0.29	<0.41	<0.51	<0.33	<0.74	<0.91	<0.22	<0.60	<0.41
	RSAR6	1 - 2.5	9/14/2009	<0.26	<0.94	<0.26	<0.8	<0.76	<0.33	<0.41	<0.97	<0.7	<0.55	<0.48	<0.3	<0.43	<0.53	**1 J**	<0.77	<0.95	<0.23	<0.62	<0.43
		9.5 - 11	9/14/2009	<0.34	<1.3	<0.34	1.1 UJ	<0.99	<0.43	<0.53	<1.3	<0.91	<0.71	<0.63	<0.39	<0.56	<0.68	**0.61 J**	<1	<1.3	<0.3	<0.81	<0.56
	RSAR7	8 - 9.5	10/12/2009	<0.28	<1.0	<0.28	<0.85	<0.81	<0.36	<0.43	<1.1	<0.74	<0.58	<0.51	<0.32	<0.46	<0.56	**0.44 J**	<0.82	<1.1	<0.24	<0.66	<0.46
			10/12/2009 (FD)	<0.25	<0.89	<0.25	<0.76	<0.72	<0.32	<0.39	<0.92	<0.66	<0.52	<0.46	<0.29	<0.41	<0.50	**0.83 J**	<0.73	<0.90	<0.22	<0.59	<0.41
	SA-30	5 - 6.5	9/15/2009	<0.27	<0.96	<0.27	0.82 UJ	<0.78	<0.34	<0.42	<0.99	<0.71	<0.56	<0.49	<0.31	<0.44	<0.54	**0.47 J**	<0.79	<0.97	<0.23	<0.63	<0.44
		9 - 10.5	9/15/2009	<0.26	<0.94	<0.26	<0.80	<0.76	<0.33	<0.41	<0.97	<0.70	<0.55	<0.48	<0.30	<0.43	<0.53	**0.62 J**	<0.77	<0.95	<0.23	<0.62	<0.43
	SA-32	8 - 9.5	9/21/2009	<0.29	<1.1	<0.29	0.89 UJ	<0.84	<0.37	<0.45	<1.1	<0.77	<0.60	<0.53	<0.33	<0.47	<0.58	**0.69 J**	<0.85	<1.1	<0.25	<0.69	<0.47
	SA-124	1 - 2.5	9/10/2009	<0.25	<0.89	<0.25	0.76 UJ	<0.72	<0.32	<0.39	<0.92	<0.66	<0.52	<0.46	<0.29	<0.41	<0.50	**1.3 J**	0.73 UJ	<0.90	<0.22	<0.59	<0.41
	SA-125	1 - 2.5	9/10/2009	<0.28	<1.1	<0.28	0.86 UJ	<0.82	<0.36	<0.44	<1.1	<0.75	<0.59	<0.52	<0.33	<0.46	<0.57	**0.47 J**	0.83 UJ	<1.1	<0.25	<0.67	<0.46
	SA-133	0.5 - 2	9/01/2009	<0.24	<0.88	<0.24	<0.75	<0.71	<0.31	<0.38	<0.91	<0.65	<0.51	<0.45	<0.28	<0.40	<0.49	**0.60 J**	<0.72	<0.89	<0.21	<0.58	<0.40
		10 - 11.5	9/01/2009	<0.26	<0.94	<0.26	<0.80	<0.76	<0.33	<0.41	<0.97	<0.69	<0.55	<0.48	<0.30	<0.43	<0.52	<0.34	<0.77	<0.95	<0.23	<0.62	<0.43
	SA-161	1.5 - 3	9/18/2009	<0.27	<0.97	<0.27	0.83 UJ	<0.79	<0.35	<0.42	<1.1	<0.72	<0.57	<0.50	<0.31	<0.44	<0.54	**0.71 J**	<0.80	<0.98	<0.24	<0.64	<0.44
	SA-208	9 - 10.5	9/25/2009	<0.27	<0.99	<0.27	0.84 UJ	<0.80	<0.35	<0.43	<1.1	<0.73	<0.57	<0.51	<0.32	<0.45	<0.55	<0.36	<0.81	<1.0	<0.24	<0.65	<0.45
Phase 1 RI	M-189	0.5 - 1	12/02/2014	<1.0	<0.50	1.0 UJ	<1.0	<5.0	1.0 UJ	<5.0	<1.0	<2.5	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50
		5 - 5.5	12/02/2014	<1.0	<0.50	1.0 UJ	<1.0	<5.0	1.0 UJ	<5.0	<1.0	<2.5	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50
			12/02/2014 (FD)	<1.0	<0.51	1.0 UJ	<1.0	<5.1	1.0 UJ	<5.1	<1.0	<2.6	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<0.51
		10 - 10.5	12/02/2014	<0.96	<0.48	0.96 UJ	<0.96	<4.8	0.96 UJ	<4.8	<0.96	<2.4	<0.48	<0.48	<0.96	<0.96	<0.48	<0.48	<0.96	<0.96	<0.48	<0.48	<0.48
	M-191	1 - 1.5	12/01/2014	1.0 UJ	<0.52	1.0 UJ	<1.0	<5.2	<1.0	<5.2	1.0 UJ	<2.6	<0.52	<0.52	<1.0	1.0 UJ	<0.52	<0.52	1.0 UJ	<1.0	<0.52	<0.52	<0.52
			12/01/2014 (FD)	1.0 UJ	<0.52	1.0 UJ	<1.0	<5.2	<1.0	<5.2	1.0 UJ	<2.6	<0.52	<0.52	<1.0	1.0 UJ	<0.52	<0.52	1.0 UJ	<1.0	<0.52	<0.52	<0.52
		5 - 5.5	12/01/2014	1.0 UJ	<0.52	1.0 UJ	<1.0	<5.2	<1.0	<5.2	1.0 UJ	<2.6	<0.52	<0.52	<1.0	1.0 UJ	<0.52	<0.52	1.0 UJ	<1.0	<0.52	<0.52	<0.52
		10 - 10.5	12/01/2014	1.0 UJ	<0.52	1.0 UJ	<1.0	<5.2	<1.0	<5.2	1.0 UJ	<2.6	<0.52	<0.52	<1.0	1.0 UJ	<0.52	<0.52	1.0 UJ	<1.0	<0.52	<0.52	<0.52
	M-192	0.5 - 1	12/03/2014	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<5.1	1.0 UJ	<2.5	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	1.0 UJ	<1.0	<0.51	<0.51	<0.51
		5 - 5.5	12/03/2014	<1.0	<0.52	<1.0	<1.0	<5.2	<1.0	<5.2	<1.0	<2.6	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<0.52
		10 - 10.5	12/03/2014	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<5.1	<1.0	<2.6	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<0.51
Phase 2 RI	RI-23	2 - 2.5	5/17/2017	<1.0	<0.50	<1.0	<1.0	<5.0	<1.0	<5.0	<1.0	<2.5	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50
		5 - 5.5	5/17/2017	<1.0	<0.50	<1.0	<1.0	<5.0	<1.0	<5.0	<1.0	<2.5	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50
		10 - 10.5	5/17/2017	<1.0	<0.52	<1.0	<1.0	<5.2	<1.0	<5.2	<1.0	<2.6	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<0.52
Unit Buildings 4 and 5 Investigation	U4U5-2	1	10/30/2015	<0.94	<0.94	<0.94	<0.94	<4.7	<0.94	<4.7	<1.9	<2.3	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94
		2.5	10/30/2015	<1.1	<1.1	<1.1	<1.1	<5.3	<1.1	<5.3	<2.1	<2.7	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	10/30/2015	<0.94	<0.94	<0.94	<0.94	<4.7	<0.94	<4.7	<1.9	<2.4	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94
		7.5	10/30/2015	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<5.0	<2.0	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	U4U5-3	2.5	10/29/2015	<0.85	<0.85	<0.85	<0.85	<4.2	<0.85	<4.2	<1.7	<2.1	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85
		5	10/29/2015	<1.0	<1.0	<1.0	<1.0	<5.1	<1.0	<5.1	<2.0	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		7.5	10/29/2015	<0.89	<0.89	<0.89	<0.89	<4.5	<0.89	<4.5	<1.8	<2.2	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
		10	10/29/2015	<0.92	<0.92	<0.92	<0.92	<4.6	<0.92	<4.6	<1.8	<2.3	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92
	U4U5-4	1	10/30/2015	<0.98	<0.98	<0.98	<0.98	<4.9	<0.98	<4.9	<2.0	<2.5	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98
		2.5	10/30/2015	<1.0	<1.0	<1.0	<1.0	<5.2	<1.0	<5.2	<2.1	<2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		5	10/30/2015	<0.89	<0.89	<0.89	<0.89	<4.5	<0.89	<4.5	<1.8	<2.2	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
		7.5	10/30/2015	<0.91	<0.91	<0.91	<0.91	<4.6	<0.91	<4.6	<1.8	<2.3	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91
		10	10/30/2015	<0.94	<0.94	<0.94	<0.94	<4.7	<0.94	<4.7	<1.9	<2.4	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94
	U4U5-20	1	8/02/2016	<0.82	<0.82	<0.82	<0.82	<4.1	<0.82	<4.1	<1.6	<2.1	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82
		2.5	8/02/2016	<1.1	<1.1	<1.1	<1.1	<5.4	<1.1	<5.4	<2.2	<2.7	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	8/02/2016	<0.82	<0.82	<0.82	<0.82	<4.1	<0.82	<4.1	<1.6	<2.1	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82
		7.5	8/02/2016	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<5.0	<2.0	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		10	8/02/2016	<0.93	<0.93	<0.93	<0.93	<4.7	<0.93	<4.7	<1.9	<2.3	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93
	U4U5-21	1.5	7/19/2016	<0.95	<0.95	<0.95	<0.95	<4.8	<0.95	<4.8	<2.0	<2.4	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
		2.5	7/19/2016	<0.95	<0.95	<0.95	<0.95	<4.7	<0.95	<4.7	<1.9	<2.4	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95

Table A-2d. SOIL ANALYTICAL RESULTS, ECA GROUP BC
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Diisopropyl ether	Ethyl benzene	Ethyl tert-butyl ether	Hexachlorobutadiene	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	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
			HSSL:	2,260,000	26,600	560,000	5,610	1,490,000	217,000	1,130,000	11,300	3,360,000	264,000	867,000	9,070	2,910	107,000	818,000	151,000	125,000	640,000	5,280	6,310
Unit Buildings 4 and 5 Investigation	U4U5-21	5	7/20/2016	<0.83	<0.83	<0.83	<0.83	<4.1	<0.83	<4.1	<1.7	<2.1	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	0.83 UJ	<0.83
			7/20/2016 (FD)	<0.91	<0.91	<0.91	<0.91	<4.6	<0.91	<4.6	<1.8	<2.3	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91
		7.5	7/20/2016	<0.93	<0.93	<0.93	<0.93	<4.7	<0.93	<4.7	<1.9	<2.3	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	0.93 UJ	<0.93
		10	7/20/2016	<0.96	<0.96	<0.96	<0.96	<4.8	<0.96	<4.8	<1.9	2.4 UJ	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96
	U4U5-22	1.5	7/19/2016	<1.0	<1.0	<1.0	<1.0	<5.1	<1.0	<5.1	<2.0	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		2.5	7/19/2016	<1.0	<1.0	<1.0	<1.0	<5.2	<1.0	<5.2	<2.1	<2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		5	7/20/2016	<0.89	<0.89	<0.89	<0.89	<4.5	<0.89	<4.5	<1.8	2.2 UJ	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
		7.5	7/20/2016	<0.98	<0.98	<0.98	<0.98	<4.9	<0.98	<4.9	<2.0	<2.4	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	0.98 UJ	<0.98
		10	7/21/2016	<1.0	<1.0	<1.0	<1.0	<5.2	<1.0	<5.2	<2.1	<2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3.5**
	U4U5-23	1	7/19/2016	<0.98	<0.98	<0.98	<0.98	<4.9	<0.98	<4.9	<2.0	<2.4	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98
		2.5	7/19/2016	<0.83	<0.83	<0.83	<0.83	<4.2	<0.83	<4.2	<1.7	<2.1	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83
		5	7/19/2016	<0.83	<0.83	<0.83	<0.83	<4.2	<0.83	<4.2	<1.7	<2.1	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83
		7.5	7/19/2016	<0.90	<0.90	<0.90	<0.90	<4.5	<0.90	<4.5	<1.8	<2.3	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90
		10	7/19/2016	<0.84	<0.84	<0.84	<0.84	<4.2	<0.84	<4.2	<1.7	<2.1	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84
	U4U5-24	1	7/19/2016	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	4.0 UJ	0.81 UJ	4.0 UJ	**1.7 J**	2.0 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ
		2.5	7/19/2016	<0.96	<0.96	<0.96	<0.96	<4.8	<0.96	<4.8	<1.9	<2.4	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	0.96 UJ	<0.96
		5	7/19/2016	<0.87	<0.87	<0.87	<0.87	<4.4	<0.87	<4.4	<1.7	<2.2	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	0.87 UJ	<0.87
		7.5	7/19/2016	<0.80	<0.80	<0.80	<0.80	<4.0	<0.80	<4.0	<1.6	<2.0	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	0.80 UJ	<0.80
	U4U5-25	1	8/11/2016	<1.1	<1.1	<1.1	<1.1	<5.4	<1.1	<5.4	<2.2	<2.7	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		2.5	8/11/2016	<1.1	<1.1	<1.1	<1.1	<5.6	<1.1	<5.6	<2.2	<2.8	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	8/11/2016	<0.99	<0.99	<0.99	<0.99	<4.9	<0.99	<4.9	<2.0	<2.5	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99
		7.5	8/12/2016	<1.2	<1.2	<1.2	<1.2	<5.9	<1.2	<5.9	<2.4	<3.0	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		10	8/12/2016	<1.0	<1.0	<1.0	<1.0	<5.2	<1.0	<5.2	<2.1	<2.6	<1.0	**1.6 J**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	U4U5-27	1	8/16/2016	<1.1	<1.1	<1.1	<1.1	<5.5	<1.1	<5.5	<2.2	<2.8	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		2.5	8/16/2016	<1.1	<1.1	<1.1	<1.1	<5.7	<1.1	<5.7	<2.3	<2.8	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	8/16/2016	<1.2	<1.2	<1.2	<1.2	<6.1	<1.2	<6.1	<2.4	<3.0	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		7.5	8/17/2016	<1.0	<1.0	<1.0	<1.0	<5.1	<1.0	<5.1	<2.0	<2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
			8/17/2016 (FD)	<1.1	<1.1	<1.1	<1.1	<5.3	<1.1	<5.3	<2.1	<2.7	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		10	8/17/2016	<1.1	<1.1	<1.1	<1.1	<5.4	<1.1	<5.4	<2.2	<2.7	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
	U4U5-28	1	8/15/2016	<1.1	<1.1	<1.1	<1.1	<5.7	<1.1	<5.7	<2.3	<2.9	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		2.5	8/15/2016	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	4.6 UJ	0.92 UJ	4.6 UJ	1.8 UJ	2.3 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ
		5	8/15/2016	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	4.3 UJ	0.85 UJ	4.3 UJ	1.7 UJ	2.1 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ
		7.5	8/15/2016	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	4.6 UJ	0.92 UJ	4.6 UJ	1.8 UJ	2.3 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ
		10	8/15/2016	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	5.9 UJ	1.2 UJ	5.9 UJ	2.4 UJ	2.9 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ
			8/15/2016 (FD)	<1.1	<1.1	<1.1	<1.1	<5.5	<1.1	<5.5	<2.2	<2.8	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
	U4U5-29	1.5	7/19/2016	<1.2	<1.2	<1.2	<1.2	<5.8	<1.2	<5.8	<2.3	<2.9	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		2.5	7/19/2016	<1.1	<1.1	<1.1	<1.1	<5.5	<1.1	<5.5	<2.2	<2.7	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	7/21/2016	<0.86	<0.86	<0.86	<0.86	<4.3	<0.86	<4.3	**2.7 J**	<2.1	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	**2.6**
		7.5	7/21/2016	<1.2	<1.2	<1.2	<1.2	<6.2	<1.2	<6.2	<2.5	<3.1	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	**4.0**
		10	7/21/2016	<0.92	<0.92	<0.92	<0.92	<4.6	<0.92	<4.6	<1.8	<2.3	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	**2.2**
	U4U5-30	1.5	7/20/2016	<1.0	<1.0	<1.0	<1.0	<5.2	<1.0	<5.2	<2.1	2.6 UJ	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		2.5	7/20/2016	<0.98	<0.98	<0.98	<0.98	<4.9	<0.98	<4.9	<2.0	2.5 UJ	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98
		5	7/22/2016	<0.80	<0.80	<0.80	<0.80	<4.0	<0.80	<4.0	**12**	<2.0	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
		7.5	7/22/2016	<1.0	<1.0	<1.0	<1.0	<5.2	<1.0	<5.2	<2.1	<2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		10	7/22/2016	<1.1	<1.1	<1.1	<1.1	<5.7	<1.1	<5.7	<2.3	<2.8	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
	U4U5-31	1.5	7/20/2016	<0.87	<0.87	<0.87	<0.87	<4.4	<0.87	<4.4	<1.7	<2.2	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	0.87 UJ	<0.87
		2.5	7/20/2016	<1.2	<1.2	<1.2	<1.2	<6.0	<1.2	<6.0	<2.4	<3.0	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	1.2 UJ	<1.2
			7/20/2016 (FD)	<1.2	<1.2	<1.2	<1.2	<6.1	<1.2	<6.1	<2.4	<3.0	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		5	7/20/2016	<2.5	<2.5	<2.5	<2.5	<12	<2.5	<12	<4.9	6.1 UJ	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
		7.5	7/20/2016	<0.93	<0.93	<0.93	<0.93	<4.7	<0.93	<4.7	<1.9	2.3 UJ	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93

Table A-2d. SOIL ANALYTICAL RESULTS, ECA GROUP BC
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Diisopropyl ether	Ethyl benzene	Ethyl tert-butyl ether	Hexachlorobutadiene	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	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
			HSSL:	2,260,000	26,600	560,000	5,610	1,490,000	217,000	1,130,000	11,300	3,360,000	264,000	867,000	9,070	2,910	107,000	818,000	151,000	125,000	640,000	5,280	6,310
Unit Buildings 4 and 5 Investigation	U4U5-31	10	7/20/2016	<1.0	<1.0	<1.0	<1.0	<5.2	<1.0	<5.2	<2.1	2.6 UJ	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	U4U5-32	1.5	7/22/2016	<0.86	<0.86	<0.86	<0.86	<4.3	<0.86	<4.3	<1.7	<2.2	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
		2.5	7/22/2016	<0.95	<0.95	<0.95	<0.95	<4.7	<0.95	<4.7	<1.9	<2.4	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
		5	7/22/2016	<1.0	<1.0	<1.0	<1.0	<5.2	<1.0	<5.2	<2.1	<2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		7.5	7/22/2016	<0.92	<0.92	<0.92	<0.92	<4.6	<0.92	<4.6	<1.8	<2.3	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92
	U4U5-33	1	8/17/2016	<1.1	<1.1	<1.1	<1.1	<5.7	<1.1	<5.7	<2.3	<2.8	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		2.5	8/17/2016	<1.2	<1.2	<1.2	<1.2	<5.9	<1.2	<5.9	<2.3	<2.9	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		5	8/18/2016	<1.3	<1.3	<1.3	<1.3	<6.7	<1.3	<6.7	<2.7	<3.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
		7.5	8/18/2016	<0.90	<0.90	<0.90	<0.90	<4.5	<0.90	<4.5	<1.8	<2.2	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90
		10	8/18/2016	<1.2	<1.2	<1.2	<1.2	<6.1	<1.2	<6.1	<2.5	<3.1	<1.2	**1.5 J**	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
	U4U5-34	2.5	8/11/2016	<0.95	<0.95	<0.95	<0.95	<4.8	<0.95	<4.8	<1.9	<2.4	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
		5	8/11/2016	<0.86	<0.86	<0.86	<0.86	<4.3	<0.86	<4.3	<1.7	<2.2	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
		7.5	8/11/2016	<0.92	<0.92	<0.92	<0.92	<4.6	<0.92	<4.6	<1.8	<2.3	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92
		10	8/12/2016	<1.0	<1.0	<1.0	<1.0	<5.2	<1.0	<5.2	<2.1	<2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	U4U5-36	1	8/16/2016	<1.0	<1.0	<1.0	<1.0	<5.1	<1.0	<5.1	<2.1	<2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		2.5	8/16/2016	<1.1	<1.1	<1.1	<1.1	<5.5	<1.1	<5.5	<2.2	<2.7	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	8/16/2016	<0.98	<0.98	<0.98	<0.98	<4.9	<0.98	<4.9	<2.0	<2.4	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98
		7.5	8/16/2016	<1.3	<1.3	<1.3	<1.3	<6.7	<1.3	<6.7	<2.7	<3.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
		10	8/16/2016	<0.99	<0.99	<0.99	<0.99	<5.0	<0.99	<5.0	<2.0	<2.5	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99
	U4U5-37	1	8/02/2016	<0.61	<0.61	<0.61	<0.61	<3.1	<0.61	<3.1	<1.2	<1.5	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61
		2.5	8/02/2016	<0.73	<0.73	<0.73	<0.73	<3.6	<0.73	<3.6	<1.5	<1.8	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73
		5	8/02/2016	<0.76	<0.76	<0.76	<0.76	<3.8	<0.76	<3.8	<1.5	<1.9	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76
		7.5	8/02/2016	<0.74	<0.74	<0.74	<0.74	<3.7	<0.74	<3.7	<1.5	<1.9	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74
		10	8/02/2016	<0.59	<0.59	<0.59	<0.59	<3.0	<0.59	<3.0	<1.2	<1.5	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59
	U4U5-38	1	8/04/2016	<0.70	<0.70	<0.70	<0.70	<3.5	<0.70	<3.5	<1.4	<1.8	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70
		2.5	8/04/2016	<0.78	<0.78	<0.78	<0.78	<3.9	<0.78	<3.9	<1.6	<1.9	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78
		5	8/04/2016	<0.68	<0.68	<0.68	<0.68	<3.4	<0.68	<3.4	<1.4	<1.7	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68
		7.5	8/04/2016	<1.3	<1.3	<1.3	<1.3	<6.7	<1.3	<6.7	<2.7	<3.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
	U4U5-39	1	8/01/2016	<0.89	<0.89	<0.89	<0.89	<4.5	<0.89	<4.5	<1.8	<2.2	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
			8/01/2016 (FD)	<0.72	<0.72	<0.72	<0.72	<3.6	<0.72	<3.6	<1.4	<1.8	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72
		2.5	8/01/2016	<2.1	<2.1	<2.1	<2.1	<11	<2.1	<11	<4.2	<5.3	<2.1	<2.1	<2.1	<2.1	**4.5**	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
			8/01/2016 (FD)	<0.86	<0.86	<0.86	<0.86	<4.3	<0.86	<4.3	<1.7	<2.2	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
		5	8/01/2016	<0.68	<0.68	<0.68	<0.68	<3.4	<0.68	<3.4	<1.4	<1.7	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68
		7.5	8/01/2016	<0.76	<0.76	<0.76	<0.76	<3.8	<0.76	<3.8	<1.5	<1.9	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76
		10	8/01/2016	<0.81	<0.81	<0.81	<0.81	<4.1	<0.81	<4.1	<1.6	<2.0	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81
	U4U5-40	1	8/03/2016	<0.76	<0.76	<0.76	<0.76	<3.8	<0.76	<3.8	<1.5	<1.9	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76
		2.5	8/03/2016	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<5.0	<2.0	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		5	8/03/2016	<0.78	<0.78	<0.78	<0.78	<3.9	<0.78	<3.9	<1.6	<2.0	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78
			8/03/2016 (FD)	<0.78	<0.78	<0.78	<0.78	<3.9	<0.78	<3.9	<1.6	<2.0	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78
		7.5	8/03/2016	<0.89	<0.89	<0.89	<0.89	<4.4	<0.89	<4.4	<1.8	<2.2	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
		10	8/03/2016	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ	3.0 UJ	0.61 UJ	3.0 UJ	1.2 UJ	1.5 UJ	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ	**0.70 J**	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ
	U4U5-41	1.5	7/27/2016	<0.73	<0.73	<0.73	<0.73	<3.7	<0.73	<3.7	<1.5	<1.8	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73
		2.5	7/27/2016	<1.1	<1.1	<1.1	<1.1	<5.3	<1.1	<5.3	<2.1	<2.6	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	7/27/2016	<1.2	<1.2	<1.2	<1.2	<5.9	<1.2	<5.9	<2.4	<3.0	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		7.5	7/27/2016	<0.71	<0.71	<0.71	<0.71	<3.5	<0.71	<3.5	<1.4	<1.8	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71
		10	7/27/2016	<0.98	<0.98	<0.98	<0.98	<4.9	<0.98	<4.9	<2.0	<2.4	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98
	U4U5-42	1	8/12/2016	<0.89	<0.89	<0.89	<0.89	<4.5	<0.89	<4.5	<1.8	<2.2	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
		2.5	8/12/2016	<1.1	<1.1	<1.1	<1.1	<5.6	<1.1	<5.6	<2.2	<2.8	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
			8/12/2016 (FD)	<1.1	<1.1	<1.1	<1.1	<5.3	<1.1	<5.3	<2.1	<2.6	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	8/12/2016	<0.79	<0.79	<0.79	<0.79	<3.9	<0.79	<3.9	<1.6	<2.0	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79

Table A-2d. SOIL ANALYTICAL RESULTS, ECA GROUP BC
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Diisopropyl ether	Ethyl benzene	Ethyl tert-butyl ether	Hexachlorobutadiene	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	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
			HSSL:	2,260,000	26,600	560,000	5,610	1,490,000	217,000	1,130,000	11,300	3,360,000	264,000	867,000	9,070	2,910	107,000	818,000	151,000	125,000	640,000	5,280	6,310
Unit Buildings 4 and 5 Investigation	U4U5-42	7.5	8/12/2016	<1.0	<1.0	<1.0	<1.0	<5.2	<1.0	<5.2	<2.1	<2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		10	8/12/2016	<1.1	<1.1	<1.1	<1.1	<5.7	<1.1	<5.7	<2.3	<2.9	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
	U4U5-43	2.5	8/10/2016	<0.77	<0.77	<0.77	<0.77	<3.8	<0.77	<3.8	<1.5	<1.9	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77
		5	8/10/2016	<0.72	<0.72	<0.72	<0.72	<3.6	<0.72	<3.6	<1.4	<1.8	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72
		7.5	8/11/2016	<1.1	<1.1	<1.1	<1.1	<5.5	<1.1	<5.5	<2.2	<2.7	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		10	8/11/2016	<1.1	<1.1	<1.1	<1.1	<5.7	<1.1	<5.7	<2.3	<2.9	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
	U4U5-45	5	7/27/2016	<0.73	<0.73	<0.73	<0.73	<3.6	<0.73	<3.6	<1.5	<1.8	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73
		7.5	7/27/2016	<0.95	<0.95	<0.95	<0.95	<4.8	<0.95	<4.8	<1.9	<2.4	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
		10	7/27/2016	<0.83	<0.83	<0.83	<0.83	<4.2	<0.83	<4.2	<1.7	<2.1	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83
	U4U5-46	1	8/09/2016	<1.1	<1.1	<1.1	<1.1	<5.5	<1.1	<5.5	<2.2	<2.7	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		2.5	8/09/2016	<1.2	<1.2	<1.2	<1.2	<6.0	<1.2	<6.0	<2.4	<3.0	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		5	8/10/2016	<0.90	<0.90	<0.90	<0.90	<4.5	<0.90	<4.5	<1.8	<2.3	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90
		7.5	8/10/2016	<0.96	<0.96	<0.96	<0.96	<4.8	<0.96	<4.8	<1.9	<2.4	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96
		10	8/10/2016	<0.96	<0.96	<0.96	<0.96	<4.8	<0.96	<4.8	<1.9	<2.4	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96
	U4U5-47	1	8/10/2016	<0.95	<0.95	<0.95	<0.95	<4.8	<0.95	<4.8	<1.9	<2.4	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
		2.5	8/10/2016	<1.2	<1.2	<1.2	<1.2	<6.2	<1.2	<6.2	<2.5	<3.1	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		5	8/10/2016	<1.0	<1.0	<1.0	<1.0	<5.2	<1.0	<5.2	<2.1	<2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		7.5	8/10/2016	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<5.0	<2.0	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
			8/10/2016 (FD)	<0.80	<0.80	<0.80	<0.80	<4.0	<0.80	<4.0	<1.6	<2.0	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
		10	8/16/2016	<0.86	<0.86	<0.86	<0.86	<4.3	<0.86	<4.3	**1.9 J**	<2.1	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	**0.89 J**	<0.86	<0.86	<0.86	<0.86
	U4U5-48	1	6/28/2016	<0.91	<0.91	<0.91	<0.91	<4.5	<0.91	<4.5	<1.8	<2.3	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	0.91 UJ	<0.91
		2.5	6/28/2016	<0.94	<0.94	<0.94	<0.94	<4.7	<0.94	<4.7	<1.9	<2.3	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	0.94 UJ	<0.94
		5	6/29/2016	<0.88	<0.88	<0.88	<0.88	<4.4	<0.88	<4.4	<1.8	<2.2	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	0.88 UJ	<0.88
		7.5	6/29/2016	<0.88	<0.88	<0.88	<0.88	<4.4	<0.88	<4.4	<1.8	<2.2	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	0.88 UJ	<0.88
		10	6/29/2016	<0.95	<0.95	<0.95	<0.95	<4.8	<0.95	<4.8	<1.9	<2.4	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	0.95 UJ	<0.95
	U4U5-49	1	6/29/2016	<1.0	<1.0	<1.0	<1.0	<5.2	<1.0	<5.2	<2.1	<2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0 UJ	<1.0
		2.5	6/29/2016	<1.2	<1.2	<1.2	<1.2	<6.1	<1.2	<6.1	<2.4	<3.1	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	1.2 UJ	<1.2
		5	6/29/2016	<0.94	<0.94	<0.94	<0.94	<4.7	<0.94	<4.7	<1.9	<2.3	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	0.94 UJ	<0.94
		7.5	6/29/2016	<0.89	<0.89	<0.89	<0.89	<4.5	<0.89	<4.5	<1.8	<2.2	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	0.89 UJ	<0.89
		10	6/29/2016	<0.73	<0.73	<0.73	<0.73	<3.7	<0.73	<3.7	<1.5	<1.8	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	0.73 UJ	<0.73
	U4U5-50	1	6/29/2016	<0.93	<0.93	<0.93	<0.93	<4.7	<0.93	<4.7	<1.9	<2.3	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	0.93 UJ	<0.93
		2.5	6/29/2016	<0.98	<0.98	<0.98	<0.98	<4.9	<0.98	<4.9	<2.0	<2.4	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	0.98 UJ	<0.98
		5	6/29/2016	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<5.0	<2.0	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0 UJ	<1.0
		7.5	6/29/2016	<1.1	<1.1	<1.1	<1.1	<5.7	<1.1	<5.7	<2.3	<2.9	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	1.1 UJ	<1.1
		10	6/29/2016	<0.95	<0.95	<0.95	<0.95	<4.7	<0.95	<4.7	<1.9	<2.4	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	0.95 UJ	<0.95
	U4U5-51	1	6/30/2016	<1.0	<1.0	<1.0	<1.0	<5.0	<0.95	<5.0	<2.0	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<0.95	<1.0	<1.0	<1.0	1.0 UJ	<1.0
		2.5	6/30/2016	<1.1	<1.1	<1.1	<1.1	<5.5	<1.3	<5.5	<2.2	<2.8	<1.1	<1.1	<1.1	<1.1	<1.1	<1.3	<1.1	<1.1	<1.1	1.1 UJ	<1.1
		5	6/30/2016	<0.90	<0.90	<0.90	<0.90	<4.5	<0.90	<4.5	<1.8	<2.2	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	0.90 UJ	<0.90
		7.5	6/30/2016	<1.5	<1.5	<1.5	<1.5	<7.3	<1.5	<7.3	<2.9	<3.6	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	1.5 UJ	<1.5
		10	6/30/2016	<0.78	<0.78	<0.78	<0.78	<3.9	<0.78	<3.9	<1.6	<2.0	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	0.78 UJ	<0.78
	U4U5-55	5	8/09/2016	<1.3	<1.3	<1.3	<1.3	<6.5	<1.3	<6.5	<2.6	<3.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
			8/09/2016 (FD)	<1.0	<1.0	<1.0	<1.0	<5.1	<1.0	<5.1	<2.0	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		7.5	8/09/2016	<1.2	<1.2	<1.2	<1.2	<5.8	<1.2	<5.8	<2.3	<2.9	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		10	8/09/2016	<1.2	<1.2	<1.2	<1.2	<6.0	<1.2	<6.0	<2.4	<3.0	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
			8/11/2016	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<5.0	<2.0	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
			8/11/2016 (FD)	<1.7	<1.7	<1.7	<1.7	<8.4	<1.7	<8.4	<3.4	<4.2	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
	U4U5-56	5	8/03/2016	<0.86	<0.86	<0.86	<0.86	<4.3	<0.86	<4.3	<1.7	<2.1	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
		7.5	8/03/2016	<0.59	<0.59	<0.59	<0.59	<2.9	<0.59	<2.9	<1.2	<1.5	<0.59	<0.59	<0.59	<0.59	**2.6**	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59
			8/03/2016 (FD)	<0.61	<0.61	<0.61	<0.61	<3.1	<0.61	<3.1	<1.2	<1.5	<0.61	<0.61	<0.61	<0.61	**2.2**	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61
		10	8/03/2016	<0.60	<0.60	<0.60	<0.60	<3.0	<0.60	<3.0	<1.2	<1.5	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60

Table A-2d. SOIL ANALYTICAL RESULTS, ECA GROUP BC
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Diisopropyl ether	Ethyl benzene	Ethyl tert-butyl ether	Hexachlorobutadiene	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	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
			HSSL:	2,260,000	26,600	560,000	5,610	1,490,000	217,000	1,130,000	11,300	3,360,000	264,000	867,000	9,070	2,910	107,000	818,000	151,000	125,000	640,000	5,280	6,310
Unit Buildings 4 and 5 Investigation	U4U5-57	5	8/09/2016	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<5.0	<2.0	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		7.5	8/09/2016	<1.1	<1.1	<1.1	<1.1	<5.5	<1.1	<5.5	<2.2	<2.7	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		10	8/09/2016	<1.4	<1.4	<1.4	<1.4	<7.2	<1.4	<7.2	<2.9	<3.6	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
	U4U5-58	5	8/05/2016	<0.86	<0.86	<0.86	<0.86	<4.3	<0.86	<4.3	<1.7	<2.1	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
		7.5	8/05/2016	<0.78	<0.78	<0.78	<0.78	<3.9	<0.78	<3.9	<1.6	<2.0	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78
		10	8/05/2016	<0.71	<0.71	<0.71	<0.71	<3.5	<0.71	<3.5	<1.4	<1.8	<0.71	**1.0 J**	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71
	U4U5-59	5	8/01/2016	<0.85	<0.85	<0.85	<0.85	<4.3	<0.85	<4.3	<1.7	<2.1	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85
		7.5	8/01/2016	<1.2	<1.2	<1.2	<1.2	<5.9	<1.2	<5.9	<2.4	<3.0	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		10	8/01/2016	<0.69	<0.69	<0.69	<0.69	<3.4	<0.69	<3.4	<1.4	<1.7	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69
	U4U5-60	1	8/08/2016	<0.97	<0.97	<0.97	<0.97	<4.8	<0.97	<4.8	<1.9	<2.4	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97
		2.5	8/08/2016	<1.1	<1.1	<1.1	<1.1	<5.6	<1.1	<5.6	<2.2	<2.8	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	8/08/2016	<1.0	<1.0	<1.0	<1.0	<5.1	<1.0	<5.1	**2.1 J**	<2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		7.5	8/08/2016	<0.96	<0.96	<0.96	<0.96	<4.8	<0.96	<4.8	<1.9	<2.4	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96
		10	8/08/2016	<0.94	<0.94	<0.94	<0.94	<4.7	<0.94	<4.7	<1.9	<2.3	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94
	U4U5-61	2.5	8/04/2016	<0.72	<0.72	<0.72	<0.72	<3.6	<0.72	<3.6	<1.4	<1.8	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72
		5	8/04/2016	<0.89	<0.89	<0.89	<0.89	<4.4	<0.89	<4.4	<1.8	<2.2	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
		7.5	8/04/2016	<1.2	<1.2	<1.2	<1.2	<6.0	<1.2	<6.0	<2.4	<3.0	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		10	8/04/2016	<1.2	<1.2	<1.2	<1.2	<5.9	<1.2	<5.9	<2.3	<2.9	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
	U4U5-62	1	8/05/2016	<0.66	<0.66	<0.66	<0.66	<3.3	<0.66	<3.3	<1.3	<1.7	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66
		2.5	8/05/2016	<0.81	<0.81	<0.81	<0.81	<4.1	<0.81	<4.1	<1.6	<2.0	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81
			8/05/2016 (FD)	<0.79	<0.79	<0.79	<0.79	<3.9	<0.79	<3.9	<1.6	<2.0	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79
		5	8/05/2016	<0.56	<0.56	<0.56	<0.56	<2.8	<0.56	<2.8	<1.1	<1.4	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
		7.5	8/05/2016	<0.97	<0.97	<0.97	<0.97	<4.9	<0.97	<4.9	<1.9	<2.4	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97
		10	8/05/2016	<0.97	<0.97	<0.97	<0.97	<4.9	<0.97	<4.9	<1.9	<2.4	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97
	U4U5-69	1	11/09/2016	<0.98	<0.98	<0.98	<0.98	<4.9	<0.98	<4.9	<2.0	<2.4	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98
		2.5	11/09/2016	<1.1	<1.1	<1.1	<1.1	<5.3	<1.1	<5.3	<2.1	<2.6	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	11/09/2016	<1.0	<1.0	<1.0	<1.0	<5.2	<1.0	<5.2	<2.1	<2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		7.5	11/09/2016	<0.98	<0.98	<0.98	<0.98	<4.9	<0.98	<4.9	<2.0	<2.5	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98
		10	11/09/2016	<1.0	<1.0	<1.0	<1.0	<5.1	<1.0	<5.1	<2.0	<2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	U4U5-75	1	10/02/2017	<0.78	<0.78	<0.78	0.78 UJ	<3.9	<0.78	<3.9	<1.6	<2.0	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78
		2.5	10/02/2017	<0.87	<0.87	<0.87	<0.87	<4.3	<0.87	<4.3	<1.7	<2.2	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	0.87 UJ	<0.87
		5	10/02/2017	<0.76	<0.76	<0.76	0.76 UJ	<3.8	<0.76	<3.8	<1.5	<1.9	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76
		7.5	10/02/2017	<1.1	<1.1	<1.1	1.1 UJ	<5.7	<1.1	<5.7	<2.3	<2.8	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		10	10/02/2017	<0.94	<0.94	<0.94	0.94 UJ	<4.7	<0.94	<4.7	<1.9	<2.3	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-2d. SOIL ANALYTICAL RESULTS, ECA GROUP BC
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)								
				Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	Xylenes (total)	tert Butyl alcohol
			HSSL:	1,230,000	121	219,000	182,000	1,870	--	434,000	260,000	7,270,000
Phase B	RSAQ5	1 - 2.5	9/09/2009	<0.31	<0.50	<0.58	<0.49	<0.44	<0.87	<0.59	--	<6.6
	RSAR5	0 - 1.5	10/06/2009	<0.36	<0.58	<0.67	<0.57	<0.51	<1.1	<0.69	--	<7.6
		9.5 - 11	10/06/2009	<0.34	<0.55	<0.64	<0.54	<0.48	<0.95	<0.65	--	<7.2
	RSAR6	1 - 2.5	9/14/2009	**0.4 J**	<0.57	<0.66	<0.56	<0.5	<0.99	<0.67	--	<7.5
		9.5 - 11	9/14/2009	<0.46	<0.74	<0.86	<0.73	<0.66	<1.3	<0.88	--	<9.8
	RSAR7	8 - 9.5	10/12/2009	<0.38	<0.60	<0.71	<0.59	<0.54	<1.1	<0.72	--	<8.0
			10/12/2009 (FD)	<0.34	<0.54	<0.63	<0.53	<0.48	<0.94	<0.64	--	<7.1
	SA-30	5 - 6.5	9/15/2009	<0.36	<0.58	<0.68	<0.57	<0.51	<1.1	<0.69	--	<7.6
		9 - 10.5	9/15/2009	<0.36	<0.57	<0.66	<0.56	<0.50	<0.99	<0.68	--	<7.5
	SA-32	8 - 9.5	9/21/2009	<0.39	<0.63	<0.73	<0.62	<0.56	<1.1	<0.74	--	<8.3
	SA-124	1 - 2.5	9/10/2009	<0.34	<0.54	<0.63	<0.53	<0.48	<0.94	<0.64	--	<7.1
	SA-125	1 - 2.5	9/10/2009	<0.38	<0.61	<0.71	<0.60	<0.54	<1.1	<0.73	--	<8.1
	SA-133	0.5 - 2	9/01/2009	<0.33	<0.53	<0.62	<0.52	<0.47	<0.93	<0.63	--	<7.0
		10 - 11.5	9/01/2009	<0.36	<0.57	<0.66	<0.56	<0.50	<0.99	<0.67	--	<7.5
	SA-161	1.5 - 3	9/18/2009	<0.37	<0.59	<0.69	<0.58	<0.52	<1.1	<0.70	--	<7.7
	SA-208	9 - 10.5	9/25/2009	<0.37	<0.60	<0.70	<0.58	<0.53	<1.1	<0.71	--	<7.9
Phase 1 RI	M-189	0.5 - 1	12/02/2014	<1.0	1.0 UJ	<1.0	<1.0	<1.0	<1.0	<0.50	--	<10
		5 - 5.5	12/02/2014	<1.0	1.0 UJ	<1.0	<1.0	<1.0	<1.0	<0.50	--	<10
			12/02/2014 (FD)	<1.0	1.0 UJ	<1.0	<1.0	<1.0	<1.0	<0.51	--	<10
		10 - 10.5	12/02/2014	<0.96	0.96 UJ	<0.96	<0.96	<0.96	<0.96	<0.48	--	<9.6
	M-191	1 - 1.5	12/01/2014	<1.0	1.0 UJ	<1.0	<1.0	<1.0	<1.0	<0.52	--	<10
			12/01/2014 (FD)	<1.0	1.0 UJ	<1.0	<1.0	<1.0	<1.0	<0.52	--	<10
		5 - 5.5	12/01/2014	<1.0	1.0 UJ	<1.0	<1.0	<1.0	<1.0	<0.52	--	<10
		10 - 10.5	12/01/2014	<1.0	1.0 UJ	<1.0	<1.0	<1.0	<1.0	<0.52	--	<10
	M-192	0.5 - 1	12/03/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.51	--	<10
		5 - 5.5	12/03/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.52	--	<10
		10 - 10.5	12/03/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.51	--	<10
Phase 2 RI	RI-23	2 - 2.5	5/17/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	--	<10
		5 - 5.5	5/17/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	--	<10
		10 - 10.5	5/17/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.52	--	<10
Unit Buildings 4 and 5 Investigation	U4U5-2	1	10/30/2015	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<1.9	<9.4
		2.5	10/30/2015	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<2.1	<11
		5	10/30/2015	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<1.9	<9.4
		7.5	10/30/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<10
	U4U5-3	2.5	10/29/2015	<0.85	<0.85	<0.85	<0.85	<0.85	<1.7	<0.85	<1.7	<8.5
		5	10/29/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<10
		7.5	10/29/2015	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<1.8	<8.9
		10	10/29/2015	<0.92	<0.92	<0.92	<0.92	<0.92	<1.8	<0.92	<1.8	<9.2
	U4U5-4	1	10/30/2015	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<2.0	<9.8
		2.5	10/30/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<2.1	<10
		5	10/30/2015	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<1.8	<8.9
		7.5	10/30/2015	<0.91	<0.91	<0.91	<0.91	<0.91	<1.8	<0.91	<1.8	<9.1
		10	10/30/2015	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<1.9	<9.4
	U4U5-20	1	8/02/2016	<0.82	<0.82	<0.82	<0.82	<0.82	<1.6	<0.82	<1.6	<13
		2.5	8/02/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<2.2	<11
		5	8/02/2016	<0.82	<0.82	<0.82	<0.82	<0.82	<1.6	<0.82	<1.6	<8.2
		7.5	8/02/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<10
		10	8/02/2016	<0.93	<0.93	<0.93	<0.93	<0.93	<1.9	<0.93	<1.9	<9.3
	U4U5-21	1.5	7/19/2016	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<1.9	<9.5
		2.5	7/19/2016	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<1.9	<9.5

Table A-2d. SOIL ANALYTICAL RESULTS, ECA GROUP BC
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)								
				Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	Xylenes (total)	tert Butyl alcohol
			HSSL:	1,230,000	121	219,000	182,000	1,870	--	434,000	260,000	7,270,000
Unit Buildings 4 and 5 Investigation	U4U5-21	5	7/20/2016	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<1.7	<8.3
			7/20/2016 (FD)	<0.91	<0.91	<0.91	<0.91	<0.91	<1.8	<0.91	<1.8	<9.1
		7.5	7/20/2016	<0.93	<0.93	<0.93	<0.93	<0.93	<1.9	<0.93	<1.9	<9.3
		10	7/20/2016	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	<1.9	<9.6
	U4U5-22	1.5	7/19/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<10
		2.5	7/19/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<2.1	<10
		5	7/20/2016	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<1.8	<8.9
		7.5	7/20/2016	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<2.0	<9.8
		10	7/21/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<2.1	<10
	U4U5-23	1	7/19/2016	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<2.0	<9.8
		2.5	7/19/2016	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<1.7	<8.3
		5	7/19/2016	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<1.7	<8.3
		7.5	7/19/2016	<0.90	<0.90	<0.90	<0.90	<0.90	<1.8	<0.90	<1.8	<9.0
		10	7/19/2016	<0.84	<0.84	<0.84	<0.84	<0.84	<1.7	<0.84	<1.7	<8.4
	U4U5-24	1	7/19/2016	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	0.81 UJ	1.6 UJ	0.81 UJ	1.6 UJ	8.1 UJ
		2.5	7/19/2016	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	<1.9	<9.6
		5	7/19/2016	<0.87	<0.87	<0.87	<0.87	<0.87	<1.7	<0.87	<1.7	<8.7
		7.5	7/19/2016	<0.80	<0.80	<0.80	<0.80	<0.80	<1.6	<0.80	<1.6	<8.0
	U4U5-25	1	8/11/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<2.2	<11
		2.5	8/11/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<2.2	<11
		5	8/11/2016	<0.99	<0.99	<0.99	<0.99	<0.99	<2.0	<0.99	<2.0	<9.9
		7.5	8/12/2016	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<2.4	<12
		10	8/12/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<2.1	<10
	U4U5-27	1	8/16/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<2.2	<11
		2.5	8/16/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<2.3	<11
		5	8/16/2016	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<2.4	<12
		7.5	8/17/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<10
			8/17/2016 (FD)	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<2.1	<11
		10	8/17/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<2.2	<11
	U4U5-28	1	8/15/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<2.3	<11
		2.5	8/15/2016	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	1.8 UJ	0.92 UJ	1.8 UJ	9.2 UJ
		5	8/15/2016	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	0.85 UJ	1.7 UJ	0.85 UJ	1.7 UJ	8.5 UJ
		7.5	8/15/2016	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	1.8 UJ	0.92 UJ	1.8 UJ	9.2 UJ
		10	8/15/2016	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	2.4 UJ	1.2 UJ	2.4 UJ	12 UJ
			8/15/2016 (FD)	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<2.2	<11
	U4U5-29	1.5	7/19/2016	<1.2	<1.2	<1.2	<1.2	<1.2	<2.3	<1.2	<2.3	<12
		2.5	7/19/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<2.2	<11
		5	7/21/2016	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<1.7	<8.6
		7.5	7/21/2016	<1.2	<1.2	<1.2	<1.2	<1.2	<2.5	<1.2	<2.5	<12
		10	7/21/2016	<0.92	<0.92	<0.92	<0.92	<0.92	<1.8	<0.92	<1.8	<9.2
	U4U5-30	1.5	7/20/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<2.1	<10
		2.5	7/20/2016	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<2.0	<9.8
		5	7/22/2016	<0.80	<0.80	<0.80	<0.80	<0.80	<1.6	<0.80	<1.6	<8.0
		7.5	7/22/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<2.1	<10
		10	7/22/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<2.3	<11
	U4U5-31	1.5	7/20/2016	<0.87	<0.87	<0.87	<0.87	<0.87	<1.7	<0.87	<1.7	<8.7
		2.5	7/20/2016	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<2.4	<12
			7/20/2016 (FD)	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<2.4	<12
		5	7/20/2016	<2.5	<2.5	<2.5	<2.5	<2.5	<4.9	<2.5	<4.9	<25
		7.5	7/20/2016	<0.93	<0.93	<0.93	<0.93	<0.93	<1.9	<0.93	<1.9	<9.3

Table A-2d. SOIL ANALYTICAL RESULTS, ECA GROUP BC
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)								
				Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	Xylenes (total)	tert Butyl alcohol
			HSSL:	1,230,000	121	219,000	182,000	1,870	--	434,000	260,000	7,270,000
Unit Buildings 4 and 5 Investigation	U4U5-31	10	7/20/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<2.1	<10
	U4U5-32	1.5	7/22/2016	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<1.7	<8.6
		2.5	7/22/2016	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<1.9	<9.5
		5	7/22/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<2.1	<10
		7.5	7/22/2016	<0.92	<0.92	<0.92	<0.92	<0.92	<1.8	<0.92	<1.8	<9.2
	U4U5-33	1	8/17/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<2.3	<11
		2.5	8/17/2016	<1.2	<1.2	<1.2	<1.2	<1.2	<2.3	<1.2	<2.3	<12
		5	8/18/2016	<1.3	<1.3	<1.3	<1.3	<1.3	<2.7	<1.3	<2.7	<13
		7.5	8/18/2016	<0.90	<0.90	<0.90	<0.90	<0.90	<1.8	<0.90	<1.8	<9.0
		10	8/18/2016	<1.2	<1.2	<1.2	<1.2	<1.2	<2.5	<1.2	<2.5	<12
	U4U5-34	2.5	8/11/2016	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<1.9	<9.5
		5	8/11/2016	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<1.7	<8.6
		7.5	8/11/2016	<0.92	<0.92	<0.92	<0.92	<0.92	<1.8	<0.92	<1.8	<9.2
		10	8/12/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<2.1	<10
	U4U5-36	1	8/16/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<2.1	<10
		2.5	8/16/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<2.2	<11
		5	8/16/2016	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<2.0	<9.8
		7.5	8/16/2016	<1.3	<1.3	<1.3	<1.3	<1.3	<2.7	<1.3	<2.7	<13
		10	8/16/2016	<0.99	<0.99	<0.99	<0.99	<0.99	<2.0	<0.99	<2.0	<9.9
	U4U5-37	1	8/02/2016	<0.61	<0.61	<0.61	<0.61	<0.61	<1.2	<0.61	<1.2	<6.1
		2.5	8/02/2016	<0.73	<0.73	<0.73	<0.73	<0.73	<1.5	<0.73	<1.5	<7.3
		5	8/02/2016	<0.76	<0.76	<0.76	<0.76	<0.76	<1.5	<0.76	<1.5	<7.6
		7.5	8/02/2016	<0.74	<0.74	<0.74	<0.74	<0.74	<1.5	<0.74	<1.5	<7.4
		10	8/02/2016	<0.59	<0.59	<0.59	<0.59	<0.59	<1.2	<0.59	<1.2	<5.9
	U4U5-38	1	8/04/2016	<0.70	<0.70	<0.70	<0.70	<0.70	<1.4	<0.70	<1.4	<7.0
		2.5	8/04/2016	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	<0.78	<1.6	<7.8
		5	8/04/2016	<0.68	<0.68	<0.68	<0.68	<0.68	<1.4	<0.68	<1.4	<6.8
		7.5	8/04/2016	<1.3	<1.3	<1.3	<1.3	<1.3	<2.7	<1.3	<2.7	<13
	U4U5-39	1	8/01/2016	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<1.8	<8.9
			8/01/2016 (FD)	<0.72	<0.72	<0.72	<0.72	<0.72	<1.4	<0.72	<1.4	<7.2
		2.5	8/01/2016	<2.1	<2.1	<2.1	<2.1	<2.1	<4.2	<2.1	<4.2	<21
			8/01/2016 (FD)	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<1.7	<8.6
		5	8/01/2016	<0.68	<0.68	<0.68	<0.68	<0.68	<1.4	<0.68	<1.4	<6.8
		7.5	8/01/2016	<0.76	<0.76	<0.76	<0.76	<0.76	<1.5	<0.76	<1.5	<7.6
		10	8/01/2016	<0.81	<0.81	<0.81	<0.81	<0.81	<1.6	<0.81	<1.6	<8.1
	U4U5-40	1	8/03/2016	<0.76	<0.76	<0.76	<0.76	<0.76	<1.5	<0.76	<1.5	<7.6
		2.5	8/03/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<10
		5	8/03/2016	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	<0.78	<1.6	<7.8
			8/03/2016 (FD)	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	<0.78	<1.6	<7.8
		7.5	8/03/2016	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<1.8	<8.9
		10	8/03/2016	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ	1.2 UJ	0.61 UJ	1.2 UJ	6.1 UJ
	U4U5-41	1.5	7/27/2016	<0.73	<0.73	<0.73	<0.73	<0.73	<1.5	<0.73	<1.5	<7.3
		2.5	7/27/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<2.1	<11
		5	7/27/2016	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<2.4	<12
		7.5	7/27/2016	<0.71	<0.71	<0.71	<0.71	<0.71	<1.4	<0.71	<1.4	<7.1
		10	7/27/2016	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<2.0	<9.8
	U4U5-42	1	8/12/2016	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<1.8	<8.9
		2.5	8/12/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<2.2	<11
			8/12/2016 (FD)	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<2.1	<11
		5	8/12/2016	<0.79	<0.79	<0.79	<0.79	<0.79	<1.6	<0.79	<1.6	<7.9

Table A-2d. SOIL ANALYTICAL RESULTS, ECA GROUP BC
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)								
				Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	Xylenes (total)	tert Butyl alcohol
			HSSL:	1,230,000	121	219,000	182,000	1,870	--	434,000	260,000	7,270,000
Unit Buildings 4 and 5 Investigation	U4U5-42	7.5	8/12/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<2.1	<10
		10	8/12/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<2.3	<11
	U4U5-43	2.5	8/10/2016	<0.77	<0.77	<0.77	<0.77	<0.77	<1.5	<0.77	<1.5	<7.7
		5	8/10/2016	<0.72	<0.72	<0.72	<0.72	<0.72	<1.4	<0.72	<1.4	<7.2
		7.5	8/11/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<2.2	<11
		10	8/11/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<2.3	<11
	U4U5-45	5	7/27/2016	<0.73	<0.73	<0.73	<0.73	<0.73	<1.5	<0.73	<1.5	<7.3
		7.5	7/27/2016	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<1.9	<9.5
		10	7/27/2016	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<1.7	<8.3
	U4U5-46	1	8/09/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<2.2	<11
		2.5	8/09/2016	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<2.4	<12
		5	8/10/2016	<0.90	<0.90	<0.90	<0.90	<0.90	<1.8	<0.90	<1.8	<9.0
		7.5	8/10/2016	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	<1.9	<9.6
		10	8/10/2016	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	<1.9	<9.6
	U4U5-47	1	8/10/2016	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<1.9	<9.5
		2.5	8/10/2016	<1.2	<1.2	<1.2	<1.2	<1.2	<2.5	<1.2	<2.5	<12
		5	8/10/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<2.1	<10
		7.5	8/10/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<10
			8/10/2016 (FD)	<0.80	<0.80	<0.80	<0.80	<0.80	<1.6	<0.80	<1.6	<8.0
		10	8/16/2016	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<1.7	<8.6
	U4U5-48	1	6/28/2016	<0.91	<0.91	<0.91	<0.91	<0.91	<1.8	<0.91	<1.8	<9.1
		2.5	6/28/2016	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<1.9	<9.4
		5	6/29/2016	<0.88	<0.88	<0.88	<0.88	<0.88	<1.8	<0.88	<1.8	<8.8
		7.5	6/29/2016	<0.88	<0.88	<0.88	<0.88	<0.88	<1.8	<0.88	<1.8	<8.8
		10	6/29/2016	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<1.9	<9.5
	U4U5-49	1	6/29/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<2.1	<10
		2.5	6/29/2016	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<2.4	<12
		5	6/29/2016	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<1.9	<9.4
		7.5	6/29/2016	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<1.8	<8.9
		10	6/29/2016	<0.73	<0.73	<0.73	<0.73	<0.73	<1.5	<0.73	<1.5	<7.3
	U4U5-50	1	6/29/2016	<0.93	<0.93	<0.93	<0.93	<0.93	<1.9	<0.93	<1.9	<9.3
		2.5	6/29/2016	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<2.0	<9.8
		5	6/29/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<10
		7.5	6/29/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<2.3	<11
		10	6/29/2016	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<1.9	<9.5
	U4U5-51	1	6/30/2016	<1.0	<1.0	<0.95	<1.0	<1.0	<1.9	<0.95	<1.9	<10
		2.5	6/30/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.7	<1.3	<2.7	<11
		5	6/30/2016	<0.90	<0.90	<0.90	<0.90	<0.90	<1.8	<0.90	<1.8	<9.0
		7.5	6/30/2016	<1.5	<1.5	<1.5	<1.5	<1.5	<2.9	<1.5	<2.9	<15
		10	6/30/2016	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	<0.78	<1.6	<7.8
	U4U5-55	5	8/09/2016	<1.3	<1.3	<1.3	<1.3	<1.3	<2.6	<1.3	<2.6	<13
			8/09/2016 (FD)	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<10
		7.5	8/09/2016	<1.2	<1.2	<1.2	<1.2	<1.2	<2.3	<1.2	<2.3	<12
		10	8/09/2016	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<2.4	<12
			8/11/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<10
			8/11/2016 (FD)	<1.7	<1.7	<1.7	<1.7	<1.7	<3.4	<1.7	<3.4	<17
	U4U5-56	5	8/03/2016	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<1.7	<8.6
		7.5	8/03/2016	<0.59	<0.59	<0.59	<0.59	<0.59	<1.2	<0.59	<1.2	<5.9
			8/03/2016 (FD)	<0.61	<0.61	<0.61	<0.61	<0.61	<1.2	<0.61	<1.2	<6.1
		10	8/03/2016	<0.60	<0.60	<0.60	<0.60	<0.60	<1.2	<0.60	<1.2	<6.0

Table A-2d. SOIL ANALYTICAL RESULTS, ECA GROUP BC
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)								
				Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	Xylenes (total)	tert Butyl alcohol
			HSSL:	1,230,000	121	219,000	182,000	1,870	--	434,000	260,000	7,270,000
Unit Buildings 4 and 5 Investigation	U4U5-57	5	8/09/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<10
		7.5	8/09/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<2.2	<11
		10	8/09/2016	<1.4	<1.4	<1.4	<1.4	<1.4	<2.9	<1.4	<2.9	<14
	U4U5-58	5	8/05/2016	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<1.7	<8.6
		7.5	8/05/2016	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	<0.78	<1.6	<7.8
		10	8/05/2016	<0.71	<0.71	<0.71	<0.71	<0.71	<1.4	<0.71	<1.4	<7.1
	U4U5-59	5	8/01/2016	<0.85	<0.85	<0.85	<0.85	<0.85	<1.7	<0.85	<1.7	<8.5
		7.5	8/01/2016	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<2.4	<12
		10	8/01/2016	<0.69	<0.69	<0.69	<0.69	<0.69	<1.4	<0.69	<1.4	<6.9
	U4U5-60	1	8/08/2016	<0.97	<0.97	<0.97	<0.97	<0.97	<1.9	<0.97	<1.9	<9.7
		2.5	8/08/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<2.2	<11
		5	8/08/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<2.1	<10
		7.5	8/08/2016	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	<1.9	<9.6
		10	8/08/2016	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<1.9	<9.4
	U4U5-61	2.5	8/04/2016	<0.72	<0.72	<0.72	<0.72	<0.72	<1.4	<0.72	<1.4	<7.2
		5	8/04/2016	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<1.8	<8.9
		7.5	8/04/2016	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<2.4	<12
		10	8/04/2016	<1.2	<1.2	<1.2	<1.2	<1.2	<2.3	<1.2	<2.3	<12
	U4U5-62	1	8/05/2016	<0.66	<0.66	<0.66	<0.66	<0.66	<1.3	<0.66	<1.3	<6.6
		2.5	8/05/2016	<0.81	<0.81	<0.81	<0.81	<0.81	<1.6	<0.81	<1.6	<8.1
			8/05/2016 (FD)	<0.79	<0.79	<0.79	<0.79	<0.79	<1.6	<0.79	<1.6	<7.9
		5	8/05/2016	<0.56	<0.56	<0.56	<0.56	<0.56	<1.1	<0.56	<1.1	<5.6
		7.5	8/05/2016	<0.97	<0.97	<0.97	<0.97	<0.97	<1.9	<0.97	<1.9	<9.7
		10	8/05/2016	<0.97	<0.97	<0.97	<0.97	<0.97	<1.9	<0.97	<1.9	<9.7
	U4U5-69	1	11/09/2016	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<2.0	<9.8
		2.5	11/09/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<2.1	<11
		5	11/09/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<2.1	<10
		7.5	11/09/2016	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<2.0	<9.8
		10	11/09/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<10
	U4U5-75	1	10/02/2017	<0.78	<0.78	<0.78	<0.78	<0.78	<1.6	<0.78	<1.6	<7.8
		2.5	10/02/2017	<0.87	<0.87	<0.87	<0.87	<0.87	<1.7	<0.87	<1.7	<8.7
		5	10/02/2017	<0.76	<0.76	<0.76	<0.76	<0.76	<1.5	<0.76	<1.5	<7.6
		7.5	10/02/2017	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<2.3	<11
		10	10/02/2017	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<1.9	<9.4

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-2e. SOIL ANALYTICAL RESULTS, ECA GROUP BC
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Acenaphthene	Acenaphthylene	Aniline	Anthracene	Benzidine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	Benzyl alcohol	4-Bromophenyl-phenyl ether	Butylbenzylphthalate	4-Chloroaniline	2-Chloronaphthalene	2-Chlorophenol	4-Chlorophenyl-phenyl ether	Chrysene	Di-n-butylphthalate
			HSSL:	118,000	44,000	619,000	4,260	15.3	9,980	3,500	35,000	25,100,000	350,000	100,000,000	91,200,000	--	1,860,000	17,600	175,000	6,490,000	--	3,500,000	91,200,000
Phase B	RSAQ5	1 - 2.5	9/09/2009	<1.1	<0.79	--	<1.3	--	**10**	**8.0**	**10**	**6.9 J**	**8.7**	--	--	--	<2.5	--	--	--	--	**12**	<35
	RSAR5	0 - 1.5	10/06/2009	<2.2	<1.6	--	<2.6	--	**5.1 J**	<1.5	<2.4	<2.6	<1.8	--	--	--	<5.0	--	--	--	--	**7.3 J**	**77 J**
		9.5 - 11	10/06/2009	<1.1	<0.79	--	<1.3	--	**5.1 J**	**5.1 J**	**5.8 J**	**4.3 J**	**5.1 J**	--	--	--	<2.5	--	--	--	--	**5.1 J**	**55 J**
	RSAR6	1 - 2.5	9/14/2009	<1.1	<0.78	--	<1.3	--	**6.1 J**	**10**	**12**	**13**	**12**	--	--	--	<2.5	--	--	--	--	**9.7**	**40 J**
		9.5 - 11	9/14/2009	<1.1	<0.79	--	<1.3	--	**1.1 J**	<0.72	<1.2	<1.3	<0.88	--	--	--	<2.5	--	--	--	--	**1.5 J**	**44 J**
	RSAR7	8 - 9.5	10/12/2009	<3.2	<2.4	--	**11 J**	--	**52 J**	**26 J**	**36 J**	**15 J**	**24 J**	--	--	--	<7.4	--	--	--	--	**53 J**	<110
			10/12/2009 (FD)	**5.4 J**	<2.4	--	**16 J**	--	**99 J**	**51 J**	**67 J**	**30**	**52 J**	--	--	--	<7.4	--	--	--	--	**92 J**	<110
	SA-30	5 - 6.5	9/15/2009	<1.1	<0.79	--	**4.0 J**	--	**17**	**14**	**13**	**5.8 J**	**12**	--	--	--	<2.5	--	--	--	--	**17**	**48 J**
		9 - 10.5	9/15/2009	<1.1	<0.79	--	**1.8 J**	--	**11**	**9.1**	**8.0**	**3.7 J**	**8.8**	--	--	--	<2.5	--	--	--	--	**11**	<36
	SA-32	8 - 9.5	9/21/2009	<5.4	<4.0	--	<6.3	--	**14 J**	**27 J**	<6.0	**27 J**	<4.4	--	--	--	<13	--	--	--	--	**22 J**	<180
	SA-124	1 - 2.5	9/10/2009	<1.1	<0.78	--	**2.9 J**	--	**17**	**13**	**31**	**18**	**22**	--	--	--	**4.3 J**	--	--	--	--	**39**	**44 J**
	SA-125	1 - 2.5	9/10/2009	<1.1	<0.79	--	<1.3	--	<0.61	<0.72	<1.2	<1.3	<0.88	--	--	--	<2.5	--	--	--	--	<1.1	<36
	SA-161	1.5 - 3	9/18/2009	<1.1	<0.79	--	<1.3	--	<0.61	<0.72	<1.2	<1.3	<0.88	--	--	--	<2.5	--	--	--	--	<1.1	**43 J**
	SA-208	9 - 10.5	9/25/2009	<1.1	<0.79	--	<1.3	--	<0.61	<0.72	<1.2	<1.3	<0.88	--	--	--	<2.5	--	--	--	--	<1.1	<36
Pre-Excavation	SSAQ5-01	7 - 8	4/30/2010	<11	<18	--	<18	--	<21	<21	<27	<17	<41	--	--	--	<44	--	--	--	--	<28	<30
		9 - 10	4/30/2010	<11	<19	--	<19	--	<22	<22	<29	<18	<44	--	--	--	<47	--	--	--	--	<30	<32
	SSAQ5-02	1 - 2	5/05/2010	<11	<18	--	<18	--	<22	<22	<28	<17	<43	--	--	--	<47	--	--	--	--	<29	<31
			5/05/2010 (FD)	<11	<18	--	<18	--	<22	<22	<28	<17	<43	--	--	--	<47	--	--	--	--	<29	<31
		3 - 4	5/05/2010	<11	<18	--	<18	--	<21	<21	<28	<17	<43	--	--	--	<46	--	--	--	--	<29	<31
		5 - 6	5/05/2010	<11	<17	--	<17	--	<20	<20	<27	<16	<41	--	--	--	<44	--	--	--	--	<28	<30
		7 - 8	5/05/2010	<11	<18	--	<18	--	<22	<22	<28	<17	<43	--	--	--	<46	--	--	--	--	<29	<31
		9 - 10	5/05/2010	<11	<17	--	<17	--	<21	<21	<27	<16	<41	--	--	--	<44	--	--	--	--	<28	<30
	SSAQ5-03	7.5 - 8.5	8/30/2010	<11	<18	--	<18	--	<21	<21	<28	<17	<42	--	--	--	<46	--	--	--	--	<29	<31
	SSAQ5-07	0 - 0.5	8/31/2010	<11	<18	--	<18	--	<21	<21	<28	<17	<43	--	--	--	<46	--	--	--	--	<29	<31
		3.5 - 4.5	8/31/2010	<11	<18	--	<18	--	<21	<21	<28	<17	<42	--	--	--	<45	--	--	--	--	<28	<31
		8.5 - 9.5	8/31/2010	<11	<18	--	<18	--	<21	<21	<28	<17	<42	--	--	--	<45	--	--	--	--	<29	<31
	SSAR6-03	2 - 3	4/26/2010	<56	<92	--	<92	--	<110	<110	<140	<87	<220	--	--	--	<230	--	--	--	--	<150	<160
	SSAR6-04	1.5 - 2.5	4/26/2010	<11	<18	--	<18	--	<21	<21	<28	<17	<43	--	--	--	<46	--	--	--	--	<29	<31
	SSAR6-06	0 - 0.5	10/14/2010	<11	<18	--	<18	--	**75 J**	**120 J**	**240 J**	**190 J**	42 UJ	--	--	--	<45	--	--	--	--	**110 J**	<31
		0.5 - 1.5	10/14/2010	<11	<18	--	<18	--	<22	<22	<28	<17	<43	--	--	--	<47	--	--	--	--	<29	<31
		1.5 - 2.5	10/14/2010	<11	<19	--	<19	--	<22	<22	<29	<18	<44	--	--	--	<47	--	--	--	--	<30	<32
		2.5 - 3.5	10/14/2010	<11	<18	--	<18	--	<22	<22	<28	<17	<43	--	--	--	<47	--	--	--	--	<29	**47 J**
		3.5 - 4.5	10/14/2010	<11	<18	--	<18	--	<21	<21	<27	**22 J**	<42	--	--	--	<45	--	--	--	--	<28	**57 J**
			10/14/2010 (FD)	<11	<18	--	<18	--	<21	<21	**34 J**	**23 J**	43 UJ	--	--	--	<46	--	--	--	--	<29	**32 J**
		4.5 - 5.5	10/14/2010	<11	<18	--	<18	--	<21	<21	<27	<17	<42	--	--	--	<45	--	--	--	--	<28	<30
		5.5 - 6.5	10/14/2010	<11	<18	--	<18	--	<21	<21	<27	<16	<41	--	--	--	<44	--	--	--	--	<28	<30
		6.5 - 7.5	10/14/2010	<11	<18	--	<18	--	<21	<21	<28	<17	<43	--	--	--	<46	--	--	--	--	<29	<31
		7.5 - 8.5	10/14/2010	<11	<18	--	<18	--	<21	<21	<27	<17	<42	--	--	--	<45	--	--	--	--	<28	<30
		8.5 - 9.5	10/14/2010	<11	<19	--	<19	--	<22	<22	<29	<18	<44	--	--	--	<47	--	--	--	--	<30	<32
		9.5 - 10.5	10/14/2010	<11	<19	--	<19	--	<22	<22	<29	<17	<44	--	--	--	<47	--	--	--	--	<29	**32 J**
	SSAR7-01	1.5 - 2.5	4/26/2010	<11	<19	--	<19	--	<22	<22	<29	<18	<44	--	--	--	<47	--	--	--	--	<30	<32
2011 Removal Action	SSAQ6-02	0.5	2/09/2011	<12	<19	--	<19	--	**300 J**	**270 J**	**850 J**	**270 J**	<46	--	--	--	**110 J**	--	--	--	--	**470 J**	**61 J**
			2/09/2011 (FD)	<12	**28 J**	--	**48 J**	--	**650**	**550**	**1,600 J**	**510**	<46	--	--	--	<49	--	--	--	--	**950 J**	**80 J**
Phase 1 RI	M-189	0.5 - 1	12/02/2014	<71	<74	<90	<85	700 UJ	<74	<71	<74	<120	<74	<360	<160	<80	<85	<140	<71	<74	<90	<80	<96
		5 - 5.5	12/02/2014	<71	<74	89 UJ	<84	690 UJ	<74	<71	<74	<120	<74	<360	<160	<79	<84	<140	<71	<74	<89	<79	<95
			12/02/2014 (FD)	<70	<73	89 UJ	<84	690 UJ	<73	<70	<73	<120	<73	<360	<160	<79	<84	<140	<70	<73	<89	<79	<94
	M-191	1 - 1.5	12/01/2014	<72	<75	<91	<86	710 UJ	**240 J**	**280 J**	**690 J**	**440**	**290 J**	<360	<160	<80	<86	<140	<72	<75	<91	**410 J**	<96
			12/01/2014 (FD)	<72	<75	<91	<86	710 UJ	**340 J**	**360**	**1,300 J**	**650**	**430**	<370	<160	<81	<86	<140	<72	<75	<91	**700 J**	<97
		5 - 5.5	12/01/2014	<71	<75	91 UJ	<85	700 UJ	<75	<71	<75	<120	<75	<360	<160	<80	<85	<140	<71	<75	<91	<80	<96
		10 - 10.5	12/01/2014	<71	<74	<90	<85	700 UJ	<74	<71	<74	<120	<74	<360	<160	<79	<85	<140	<71	<74	<90	<79	<95

Table A-2e. SOIL ANALYTICAL RESULTS, ECA GROUP BC
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Acenaphthene	Acenaphthylene	Aniline	Anthracene	Benzidine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	Benzyl alcohol	4-Bromophenyl-phenyl ether	Butylbenzylphthalate	4-Chloroaniline	2-Chloronaphthalene	2-Chlorophenol	4-Chlorophenyl-phenyl ether	Chrysene	Di-n-butylphthalate
			HSSL:	118,000	44,000	619,000	4,260	15.3	9,980	3,500	35,000	25,100,000	350,000	100,000,000	91,200,000	--	1,860,000	17,600	175,000	6,490,000	--	3,500,000	91,200,000
Phase 1 RI	M-192	0.5 - 1	12/03/2014	<71	<74	<90	<85	<700	<74	<71	<74	<120	<74	<360	<160	<80	<85	<140	<71	<74	<90	<80	<95
		5 - 5.5	12/03/2014	<74	<77	<93	<88	<730	**120 J**	**140 J**	**180 J**	**130 J**	**85 J**	<370	<160	<82	<88	<150	<74	<77	<93	**120 J**	<99
Phase 2 RI	RI-23	2 - 2.5	5/17/2017	<150	<160	<200	<180	1,500 UJ	<160	<150	<160	<250	<160	<780	<340	<170	<180	<310	<150	<160	<200	<170	<210
		5 - 5.5	5/17/2017	<150	<160	<190	<180	1,500 UJ	<160	<150	<160	<250	<160	<770	<340	<170	<180	<300	<150	<160	<190	<170	<200
		10 - 10.5	5/17/2017	<150	<160	<190	<180	1,500 UJ	<160	<150	<160	<250	<160	<760	<340	<170	<180	<300	<150	<160	<190	<170	<200

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-2e. SOIL ANALYTICAL RESULTS, ECA GROUP BC
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Di-n-octylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	3,3'-Dichlorobenzidine	2,4-Dichlorophenol	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,4-Dioxane	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	1-Methylnaphthalene
			HSSL:	9,120,000	3,500	171,000	7,840	2,740,000	100,000,000	18,200,000	100,000,000	1,820,000	11,400	2,350	27,200	33,500,000	93,100	231	7,460	8,470	35,000	3,710,000	770
Phase B	RSAQ5	1 - 2.5	9/09/2009	<1.2	**1.8 J**	--	--	--	<130	--	<0.94	--	--	--	<5.3	**4.7 J**	<0.73	**20**	--	--	**5.4 J**	--	--
	RSAR5	0 - 1.5	10/06/2009	<2.3	<1.7	--	--	--	<260	--	<1.9	--	--	--	<11	**7.3 J**	<1.5	<1.8	--	--	<1.9	--	--
		9.5 - 11	10/06/2009	<1.2	<0.82	--	--	--	<130	--	<0.94	--	--	--	<5.3	**8.3**	<0.73	<0.89	--	--	**3.3 J**	--	--
	RSAR6	1 - 2.5	9/14/2009	<1.2	**3.6 J**	--	--	--	<130	--	<0.93	--	--	--	<5.2	**6.1 J**	<0.73	**34**	--	--	**9.7**	--	--
		9.5 - 11	9/14/2009	<1.2	<0.82	--	--	--	<130	--	<0.95	--	--	--	<5.3	**1.8 J**	<0.74	<0.90	--	--	<0.95	--	--
	RSAR7	8 - 9.5	10/12/2009	<3.5	<2.5	--	--	--	<380	--	<2.9	--	--	--	<16	**140 J**	<2.2	<2.7	--	--	**14 J**	--	--
			10/12/2009 (FD)	<3.4	**11 J**	--	--	--	<380	--	<2.9	--	--	--	<16	**250 J**	<2.2	<2.7	--	--	**27**	--	--
	SA-30	5 - 6.5	9/15/2009	<1.2	**2.2 J**	--	--	--	<130	--	<0.94	--	--	--	<5.3	**27**	**1.1 J**	<0.89	--	--	**6.5 J**	--	--
		9 - 10.5	9/15/2009	<1.2	<0.83	--	--	--	<130	--	<0.95	--	--	--	<5.3	**18**	<0.74	<0.90	--	--	**4.0 J**	--	--
	SA-32	8 - 9.5	9/21/2009	<5.7	<4.1	--	--	--	<630	--	<4.8	--	--	--	<27	<7.4	<3.7	**300**	--	--	**25 J**	--	--
	SA-124	1 - 2.5	9/10/2009	<1.2	**5.0 J**	--	--	--	<130	--	**1.1 J**	--	--	--	<5.2	**96**	<0.72	**47**	--	--	**16**	--	--
	SA-125	1 - 2.5	9/10/2009	<1.2	<0.82	--	--	--	<130	--	<0.95	--	--	--	<5.3	<1.5	<0.74	<0.89	--	--	<0.95	--	--
	SA-161	1.5 - 3	9/18/2009	<1.2	<0.82	--	--	--	<130	--	<0.95	--	--	--	<5.3	<1.5	<0.74	**9.4**	--	--	<0.94	--	--
	SA-208	9 - 10.5	9/25/2009	<1.2	<0.82	--	--	--	<130	--	<0.95	--	--	--	<5.3	<1.5	<0.74	<0.90	--	--	<0.95	--	--
Pre-Excavation	SSAQ5-01	7 - 8	4/30/2010	<15	<20	--	--	--	<27	--	<24	--	--	--	<68	<37	<19	**390**	--	--	<23	--	--
		9 - 10	4/30/2010	<16	<21	--	--	--	<28	--	**26 J**	--	--	--	<72	<39	<20	<32	--	--	<24	--	--
	SSAQ5-02	1 - 2	5/05/2010	<16	<21	--	--	--	<28	--	<25	--	--	--	<71	<39	<19	<31	--	--	<24	--	--
			5/05/2010 (FD)	<16	<21	--	--	--	<28	--	<25	--	--	--	<71	<39	<19	<31	--	--	<24	--	--
		3 - 4	5/05/2010	<15	<20	--	--	--	<28	--	<25	--	--	--	<71	<38	<19	<31	--	--	<24	--	--
		5 - 6	5/05/2010	<15	<19	--	--	--	<27	--	<24	--	--	--	<67	<37	<18	<30	--	--	<22	--	--
		7 - 8	5/05/2010	<15	<20	--	--	--	<28	--	<25	--	--	--	<71	<39	<19	<31	--	--	<24	--	--
		9 - 10	5/05/2010	<15	<20	--	--	--	<27	--	<24	--	--	--	<68	<37	<19	<30	--	--	<23	--	--
	SSAQ5-03	7.5 - 8.5	8/30/2010	<15	<20	--	--	--	<28	--	**66 J**	--	--	--	<70	<38	<19	<31	--	--	<23	--	--
	SSAQ5-07	0 - 0.5	8/31/2010	<15	<20	--	--	--	<28	--	**130 J**	--	--	--	<70	<38	<19	<31	--	--	<23	--	--
		3.5 - 4.5	8/31/2010	<15	<20	--	--	--	<27	--	**150 J**	--	--	--	<69	<38	<19	<31	--	--	<23	--	--
		8.5 - 9.5	8/31/2010	<15	<20	--	--	--	<27	--	**150 J**	--	--	--	<70	<38	<19	<31	--	--	<23	--	--
	SSAR6-03	2 - 3	4/26/2010	<78	<100	--	--	--	<140	--	<130	--	--	--	<360	<200	<98	<160	--	--	<120	--	--
	SSAR6-04	1.5 - 2.5	4/26/2010	<15	<20	--	--	--	<28	--	<24	--	--	--	<70	<38	<19	<31	--	--	<23	--	--
	SSAR6-06	0 - 0.5	10/14/2010	<15	**49 J**	--	--	--	<27	--	<24	--	--	--	<70	**43 J**	<19	<31	--	--	**110 J**	--	--
		0.5 - 1.5	10/14/2010	<16	<21	--	--	--	<28	--	<25	--	--	--	<72	<39	<20	<31	--	--	<24	--	--
		1.5 - 2.5	10/14/2010	<16	<21	--	--	--	<29	--	<25	--	--	--	<72	<40	<20	<32	--	--	<24	--	--
		2.5 - 3.5	10/14/2010	<16	<21	--	--	--	<28	--	<25	--	--	--	<72	<39	<20	<31	--	--	<24	--	--
		3.5 - 4.5	10/14/2010	<15	<20	--	--	--	<27	--	<24	--	--	--	<69	<37	<19	<30	--	--	<23	--	--
			10/14/2010 (FD)	<15	<20	--	--	--	<28	--	<25	--	--	--	<71	<39	<19	<31	--	--	<24	--	--
		4.5 - 5.5	10/14/2010	<15	<20	--	--	--	<27	--	<24	--	--	--	<69	<38	<19	<30	--	--	<23	--	--
		5.5 - 6.5	10/14/2010	<15	<20	--	--	--	<27	--	<24	--	--	--	<68	<37	<19	<30	--	--	<23	--	--
		6.5 - 7.5	10/14/2010	<15	<20	--	--	--	<28	--	<25	--	--	--	<71	<39	<19	<31	--	--	<24	--	--
		7.5 - 8.5	10/14/2010	<15	<20	--	--	--	<27	--	<24	--	--	--	<68	<37	<19	<30	--	--	<23	--	--
		8.5 - 9.5	10/14/2010	<16	<21	--	--	--	<28	--	<25	--	--	--	<72	<39	<20	<32	--	--	<24	--	--
		9.5 - 10.5	10/14/2010	**86 J**	<21	--	--	--	<28	--	<25	--	--	--	<72	<39	<20	<32	--	--	<24	--	--
	SSAR7-01	1.5 - 2.5	4/26/2010	<16	<21	--	--	--	<29	--	<25	--	--	--	<72	<39	<20	<32	--	--	<24	--	--
2011 Removal Action	SSAQ6-02	0.5	2/09/2011	<17	<22	--	--	--	<30	--	<26	--	--	--	<76	**760 J**	<21	**630**	--	--	**190 J**	--	--
			2/09/2011 (FD)	<17	<22	--	--	--	<30	--	<26	--	--	--	<76	**1,700 J**	<21	**690**	--	--	**410**	--	--
Phase 1 RI	M-189	0.5 - 1	12/02/2014	<96	<110	<71	<160	<71	<100	<140	<71	<350	<85	<100	--	<74	<74	<74	<140	<140	<140	<71	<160
		5 - 5.5	12/02/2014	<95	<110	<71	<160	<71	<100	<140	<71	<350	<84	<100	--	<74	<74	<74	<140	<140	<140	<71	<160
			12/02/2014 (FD)	<94	<100	<70	<160	<70	<99	<140	<70	<350	<84	<99	--	<73	<73	<73	<140	<140	<140	<70	<160
	M-191	1 - 1.5	12/01/2014	<96	**110 J**	<72	<160	<72	<100	<140	<72	<350	<86	<100	--	**190 J**	<75	75 UJ	<140	<140	**530**	<72	<160
			12/01/2014 (FD)	<97	**170 J**	<72	<160	<72	<100	<140	<72	<360	<86	<100	--	**420 J**	<75	**88 J**	<140	<140	**810**	<72	<160
		5 - 5.5	12/01/2014	<96	<110	<71	<160	<71	<100	<140	<71	<350	<85	<100	--	<75	<75	<75	<140	<140	<140	<71	<160
		10 - 10.5	12/01/2014	<95	<110	<71	<160	<71	<100	<140	<71	<350	<85	<100	--	<74	<74	<74	<140	<140	<140	<71	<160

Table A-2e. SOIL ANALYTICAL RESULTS, ECA GROUP BC
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Di-n-octylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	3,3'-Dichlorobenzidine	2,4-Dichlorophenol	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,4-Dioxane	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	1-Methylnaphthalene
			HSSL:	9,120,000	3,500	171,000	7,840	2,740,000	100,000,000	18,200,000	100,000,000	1,820,000	11,400	2,350	27,200	33,500,000	93,100	231	7,460	8,470	35,000	3,710,000	770
Phase 1 RI	M-192	0.5 - 1	12/03/2014	<95	<110	<71	<160	<71	<100	<140	<71	<350	<85	<100	--	<74	<74	<74	<140	<140	<140	<71	<160
		5 - 5.5	12/03/2014	<99	<110	<74	<160	<74	<100	<140	<74	<360	<88	<100	--	**140 J**	<77	**100 J**	<150	<150	<140	<74	<160
Phase 2 RI	RI-23	2 - 2.5	5/17/2017	<210	<230	<150	<340	<150	<220	<300	<150	<760	<180	<220	--	<160	<160	<160	310 UJ	<310	<300	<150	<340
		5 - 5.5	5/17/2017	<200	<230	<150	<340	<150	**540 J**	<300	<150	<750	<180	<220	--	<160	<160	<160	300 UJ	<300	<300	<150	<340
		10 - 10.5	5/17/2017	<200	<220	<150	<340	<150	<210	<290	<150	<740	<180	<210	--	<160	<160	<160	300 UJ	<300	<290	<150	<340

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-2e. SOIL ANALYTICAL RESULTS, ECA GROUP BC
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				2-Methylnaphthalene	2-Methylphenol	3&4-Methylphenol	Naphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Nitrobenzene	2-Nitrophenol	4-Nitrophenol	n-Nitrosodiphenylamine	Octachlorostyrene	Pentachlorophenol	Phenanthrene	Phenol	Phthalic acid	Pyrene	Pyridine	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol
			HSSL:	368,000	45,600,000	16,000,000	11,300	8,840,000	--	176,000	22,500	--	7,290,000	720,000	--	8,450	24,500	100,000,000	100,000,000	44,000	1,300,000	91,200,000	321,000
Phase B	RSAQ5	1 - 2.5	9/09/2009	<0.60	--	--	<0.90	--	--	--	<1.9	--	--	--	**22**	--	<1.9	--	--	**4.3 J**	<29	--	--
	RSAR5	0 - 1.5	10/06/2009	<1.2	--	--	<1.8	--	--	--	<3.8	--	--	--	<7.4	--	<3.8	--	--	**6.5 J**	<57	--	--
		9.5 - 11	10/06/2009	<0.60	--	--	<0.90	--	--	--	<1.9	--	--	--	<3.7	--	**2.9 J**	--	--	**8.0**	<29	--	--
	RSAR6	1 - 2.5	9/14/2009	<0.59	--	--	<0.89	--	--	--	<1.9	--	--	--	**22**	--	<1.9	--	--	**6.1 J**	<28	--	--
		9.5 - 11	9/14/2009	<0.60	--	--	<0.90	--	--	--	<1.9	--	--	--	<3.8	--	<1.9	--	--	**1.5 J**	<29	--	--
	RSAR7	8 - 9.5	10/12/2009	<1.8	--	--	<2.7	--	--	--	<5.6	--	--	--	<12	--	**57 J**	--	--	**110 J**	<85	--	--
			10/12/2009 (FD)	<1.8	--	--	<2.7	--	--	--	<5.6	--	--	--	<11	--	**83 J**	--	--	**210 J**	<85	--	--
	SA-30	5 - 6.5	9/15/2009	<0.60	--	--	<0.89	--	--	--	<1.9	--	--	--	<3.7	--	**11**	--	--	**22**	<29	--	--
		9 - 10.5	9/15/2009	<0.61	--	--	<0.90	--	--	--	<1.9	--	--	--	<3.8	--	**7.3**	--	--	**15**	<29	--	--
	SA-32	8 - 9.5	9/21/2009	<3.0	--	--	<4.5	--	--	--	<9.4	--	--	--	**110**	--	<9.4	--	--	**14 J**	<150	--	--
	SA-124	1 - 2.5	9/10/2009	**1.8 J**	--	--	**1.8 J**	--	--	--	<1.9	--	--	--	**18**	--	**14**	--	--	**75**	<28	--	--
	SA-125	1 - 2.5	9/10/2009	<0.60	--	--	<0.90	--	--	--	<1.9	--	--	--	<3.7	--	<1.9	--	--	<1.1	<29	--	--
	SA-161	1.5 - 3	9/18/2009	<0.60	--	--	<0.90	--	--	--	<1.9	--	--	--	<3.7	--	<1.9	--	--	<1.1	<29	--	--
	SA-208	9 - 10.5	9/25/2009	<0.60	--	--	<0.90	--	--	--	<1.9	--	--	--	<3.8	--	<1.9	--	--	<1.1	<29	--	--
Pre-Excavation	SSAQ5-01	7 - 8	4/30/2010	<20	--	--	<32	--	--	--	<23	--	--	--	**85 J**	--	<18	--	--	<13	<130	--	--
		9 - 10	4/30/2010	<21	--	--	<34	--	--	--	<24	--	--	--	<62	--	<19	--	--	<13	<140	--	--
	SSAQ5-02	1 - 2	5/05/2010	<21	--	--	<34	--	--	--	<24	--	--	--	<62	--	<18	--	--	<13	<140	--	--
			5/05/2010 (FD)	<21	--	--	<34	--	--	--	<24	--	--	--	<62	--	<18	--	--	<13	<140	--	--
		3 - 4	5/05/2010	<20	--	--	<33	--	--	--	<24	--	--	--	<61	--	<18	--	--	<13	<140	--	--
		5 - 6	5/05/2010	<19	--	--	<32	--	--	--	<22	--	--	--	<58	--	<17	--	--	<12	<130	--	--
		7 - 8	5/05/2010	<20	--	--	<33	--	--	--	<24	--	--	--	<61	--	<18	--	--	<13	<140	--	--
		9 - 10	5/05/2010	<20	--	--	<32	--	--	--	<23	--	--	--	<59	--	<17	--	--	<12	<130	--	--
	SSAQ5-03	7.5 - 8.5	8/30/2010	<20	--	--	<33	--	--	--	<23	--	--	--	<61	--	<18	--	--	<13	<140	--	--
	SSAQ5-07	0 - 0.5	8/31/2010	<20	--	--	<33	--	--	--	<23	--	--	--	<61	--	<18	--	--	**16 J**	<140	--	--
		3.5 - 4.5	8/31/2010	<20	--	--	<33	--	--	--	<23	--	--	--	<60	--	<18	--	--	<13	<140	--	--
		8.5 - 9.5	8/31/2010	<20	--	--	<33	--	--	--	<23	--	--	--	<60	--	<18	--	--	<13	<140	--	--
	SSAR6-03	2 - 3	4/26/2010	<100	--	--	<170	--	--	--	<120	--	--	--	<310	--	<92	--	--	<66	<710	--	--
	SSAR6-04	1.5 - 2.5	4/26/2010	<20	--	--	<33	--	--	--	<23	--	--	--	<61	--	<18	--	--	<13	<140	--	--
	SSAR6-06	0 - 0.5	10/14/2010	<20	--	--	<33	--	--	--	<23	--	--	--	<60	--	<18	--	--	**65 J**	<140	--	--
		0.5 - 1.5	10/14/2010	<21	--	--	<34	--	--	--	<24	--	--	--	<62	--	<18	--	--	<13	<140	--	--
		1.5 - 2.5	10/14/2010	<21	--	--	<34	--	--	--	<24	--	--	--	<63	--	<19	--	--	<13	<140	--	--
		2.5 - 3.5	10/14/2010	<21	--	--	<34	--	--	--	<24	--	--	--	<62	--	<18	--	--	<13	<140	--	--
		3.5 - 4.5	10/14/2010	<20	--	--	<32	--	--	--	<23	--	--	--	<59	--	<18	--	--	**14 J**	<140	--	--
			10/14/2010 (FD)	<20	--	--	<33	--	--	--	<24	--	--	--	<61	--	<18	--	--	**19 J**	<140	--	--
		4.5 - 5.5	10/14/2010	<20	--	--	<32	--	--	--	<23	--	--	--	<60	--	<18	--	--	<13	<140	--	--
		5.5 - 6.5	10/14/2010	<20	--	--	<32	--	--	--	<23	--	--	--	<59	--	<18	--	--	<12	<130	--	--
		6.5 - 7.5	10/14/2010	<20	--	--	<33	--	--	--	<24	--	--	--	<61	--	<18	--	--	<13	<140	--	--
		7.5 - 8.5	10/14/2010	<20	--	--	<32	--	--	--	<23	--	--	--	<59	--	<18	--	--	<13	<130	--	--
		8.5 - 9.5	10/14/2010	<21	--	--	<34	--	--	--	<24	--	--	--	<62	--	<19	--	--	<13	<140	--	--
		9.5 - 10.5	10/14/2010	<21	--	--	<34	--	--	--	<24	--	--	--	<62	--	<19	--	--	<13	<140	--	--
	SSAR7-01	1.5 - 2.5	4/26/2010	<21	--	--	<34	--	--	--	<24	--	--	--	<63	--	<19	--	--	<13	<140	--	--
2011 Removal Action	SSAQ6-02	0.5	2/09/2011	<22	--	--	<36	--	--	--	<25	--	--	--	**310 J**	--	**240 J**	--	--	**590 J**	<150	--	--
			2/09/2011 (FD)	<22	--	--	<36	--	--	--	<25	--	--	--	**370 J**	--	**600**	--	--	**1,300 J**	<150	--	--
Phase 1 RI	M-189	0.5 - 1	12/02/2014	<74	<85	<140	<71	<71	<140	<140	<74	<140	<150	<85	<2,400	<360	<71	<96	<1,300	<85	<160	<140	<80
		5 - 5.5	12/02/2014	<74	<84	<140	<71	<71	<140	<140	<74	<140	150 UJ	<84	<2,400	<360	<71	<95	<1,300	<84	<160	<140	<79
			12/02/2014 (FD)	<73	<84	<140	<70	<70	<140	<140	<73	<140	150 UJ	<84	<2,400	<360	<70	<94	<1,300	<84	<160	<140	<79
	M-191	1 - 1.5	12/01/2014	<75	<86	<140	<72	<72	<140	<140	<75	<140	<150	<86	<2,500	360 UJ	<72	<96	<1,300	**210 J**	<160	<140	<80
			12/01/2014 (FD)	<75	<86	<140	<72	<72	<140	<140	<75	<140	<150	<86	<2,500	370 UJ	<72	<97	<1,300	**670 J**	<160	<140	<81
		5 - 5.5	12/01/2014	<75	<85	<140	<71	<71	<140	<140	<75	<140	150 UJ	<85	<2,500	<360	<71	<96	<1,300	<85	<160	<140	<80
		10 - 10.5	12/01/2014	<74	<85	<140	<71	<71	<140	<140	<74	<140	<150	<85	<2,400	<360	<71	<95	<1,300	<85	<160	<140	<79

Table A-2e. SOIL ANALYTICAL RESULTS, ECA GROUP BC
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																			
				2-Methylnaphthalene	2-Methylphenol	3&4-Methylphenol	Naphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Nitrobenzene	2-Nitrophenol	4-Nitrophenol	n-Nitrosodiphenylamine	Octachlorostyrene	Pentachlorophenol	Phenanthrene	Phenol	Phthalic acid	Pyrene	Pyridine	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol
			HSSL:	368,000	45,600,000	16,000,000	11,300	8,840,000	--	176,000	22,500	--	7,290,000	720,000	--	8,450	24,500	100,000,000	100,000,000	44,000	1,300,000	91,200,000	321,000
Phase 1 RI	M-192	0.5 - 1	12/03/2014	<74	<85	<140	<71	<71	<140	<140	<74	<140	150 UJ	<85	<2,400	<360	<71	<95	<1,300	<85	<160	<140	<80
		5 - 5.5	12/03/2014	<77	<88	<150	<74	<74	<150	<150	<77	<150	<150	<88	<2,500	<370	<74	<99	<1,400	**150 J**	<160	<140	<82
Phase 2 RI	RI-23	2 - 2.5	5/17/2017	<160	<180	<310	<150	<150	<310	<310	<160	<310	<320	<180	<5,300	<780	<150	<210	--	<310	<340	<300	<170
		5 - 5.5	5/17/2017	<160	<180	<300	<150	<150	<300	<300	<160	<300	<320	<180	<5,200	<770	<150	<200	--	<310	<340	<300	<170
		10 - 10.5	5/17/2017	<160	<180	<300	<150	<150	<300	<300	<160	<300	<310	<180	<5,200	<760	<150	<200	--	<300	<340	<290	<170

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-2e. SOIL ANALYTICAL RESULTS, ECA GROUP BC
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)				
				bis(2-Chloroethoxy) methane	bis(2-Chloroethyl) ether	bis(2-Ethylhexyl)phthalate	4-Chloro-3-methylphenol	n-Nitroso-di-n-propylamine
			HSSL:	2,740,000	1,150	252,000	91,200,000	504
Phase B	RSAQ5	1 - 2.5	9/09/2009	--	--	<140	--	--
	RSAR5	0 - 1.5	10/06/2009	--	--	<280	--	--
		9.5 - 11	10/06/2009	--	--	<140	--	--
	RSAR6	1 - 2.5	9/14/2009	--	--	**190**	--	--
		9.5 - 11	9/14/2009	--	--	<140	--	--
	RSAR7	8 - 9.5	10/12/2009	--	--	<420	--	--
			10/12/2009 (FD)	--	--	<410	--	--
	SA-30	5 - 6.5	9/15/2009	--	--	<140	--	--
		9 - 10.5	9/15/2009	--	--	<140	--	--
	SA-32	8 - 9.5	9/21/2009	--	--	<690	--	--
	SA-124	1 - 2.5	9/10/2009	--	--	<140	--	--
	SA-125	1 - 2.5	9/10/2009	--	--	<140	--	--
	SA-161	1.5 - 3	9/18/2009	--	--	<140	--	--
	SA-208	9 - 10.5	9/25/2009	--	--	<140	--	--
Pre-Excavation	SSAQ5-01	7 - 8	4/30/2010	--	--	<48	--	--
		9 - 10	4/30/2010	--	--	<50	--	--
	SSAQ5-02	1 - 2	5/05/2010	--	--	**75 J**	--	--
			5/05/2010 (FD)	--	--	**76 J**	--	--
		3 - 4	5/05/2010	--	--	**78 J**	--	--
		5 - 6	5/05/2010	--	--	**73 J**	--	--
		7 - 8	5/05/2010	--	--	**72 J**	--	--
		9 - 10	5/05/2010	--	--	**71 J**	--	--
	SSAQ5-03	7.5 - 8.5	8/30/2010	--	--	**250 J**	--	--
	SSAQ5-07	0 - 0.5	8/31/2010	--	--	**280 J**	--	--
		3.5 - 4.5	8/31/2010	--	--	**580**	--	--
		8.5 - 9.5	8/31/2010	--	--	**370**	--	--
	SSAR6-03	2 - 3	4/26/2010	--	--	**410 J**	--	--
	SSAR6-04	1.5 - 2.5	4/26/2010	--	--	**67 J**	--	--
	SSAR6-06	0 - 0.5	10/14/2010	--	--	**97 J**	--	--
		0.5 - 1.5	10/14/2010	--	--	**87 J**	--	--
		1.5 - 2.5	10/14/2010	--	--	**110 J**	--	--
		2.5 - 3.5	10/14/2010	--	--	**80 J**	--	--
		3.5 - 4.5	10/14/2010	--	--	**94 J**	--	--
			10/14/2010 (FD)	--	--	**78 J**	--	--
		4.5 - 5.5	10/14/2010	--	--	**84 J**	--	--
		5.5 - 6.5	10/14/2010	--	--	**81 J**	--	--
		6.5 - 7.5	10/14/2010	--	--	**80 J**	--	--
		7.5 - 8.5	10/14/2010	--	--	**81 J**	--	--
		8.5 - 9.5	10/14/2010	--	--	**80 J**	--	--
		9.5 - 10.5	10/14/2010	--	--	**80 J**	--	--
	SSAR7-01	1.5 - 2.5	4/26/2010	--	--	**84 J**	--	--
2011 Removal Action	SSAQ6-02	0.5	2/09/2011	--	--	**130 J**	--	--
			2/09/2011 (FD)	--	--	**250 J**	--	--
Phase 1 RI	M-189	0.5 - 1	12/02/2014	<140	<74	<96	<74	<74
		5 - 5.5	12/02/2014	<140	<74	<95	<74	<74
			12/02/2014 (FD)	<140	<73	<94	<73	<73
	M-191	1 - 1.5	12/01/2014	<140	<75	<96	<75	<75
			12/01/2014 (FD)	<140	<75	<97	<75	<75
		5 - 5.5	12/01/2014	<140	<75	<96	<75	<75
		10 - 10.5	12/01/2014	<140	<74	<95	<74	<74

Table A-2e. SOIL ANALYTICAL RESULTS, ECA GROUP BC
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)				
				bis(2-Chloroethoxy) methane	bis(2-Chloroethyl) ether	bis(2-Ethylhexyl)phthalate	4-Chloro-3-methylphenol	n-Nitroso-di-n-propylamine
			HSSL:	2,740,000	1,150	252,000	91,200,000	504
Phase 1 RI	M-192	0.5 - 1	12/03/2014	<140	<74	<95	<74	<74
		5 - 5.5	12/03/2014	<150	<77	<99	<77	<77
Phase 2 RI	RI-23	2 - 2.5	5/17/2017	<310	<160	<210	<160	<160
		5 - 5.5	5/17/2017	<300	<160	<200	<160	<160
		10 - 10.5	5/17/2017	<300	<160	<200	<160	<160

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-2f. SOIL ANALYTICAL RESULTS, ECA GROUP BC
PAHs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PAHs (µg/kg)															
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
			HSSL:	118,000	44,000	4,260	9,980	3,500	35,000	25,100,000	350,000	3,500,000	3,500	33,500,000	93,100	35,000	11,300	24,500	44,000
Phase 1 RI	M-189	0.5 - 1	12/02/2014	<42	<42	<42	<42	<42	<42	<42	<42	<42	<42	<42	<42	<42	<42	<42	<42
		5 - 5.5	12/02/2014	<4.3	<4.3	<4.3	4.3 UJ	4.3 UJ	**8.6 J**	**5.8 J**	4.3 UJ	**7.3 J**	<4.3	**6.1 J**	<4.3	**4.4 J**	<4.3	<4.3	**6.9 J**
			12/02/2014 (FD)	<4.2	<4.2	<4.2	**6.5 J**	**5.7 J**	**13 J**	**8.6 J**	**4.3 J**	**11 J**	<4.2	**9.7 J**	<4.2	**6.6 J**	<4.2	<4.2	**11 J**
	M-191	1 - 1.5	12/01/2014	<4.3	<4.3	<4.3	**110 J**	**96 J**	**310**	**120**	**91**	**190**	**32**	**120**	<4.3	**140**	**7.9 J**	**19 J**	**250**
			12/01/2014 (FD)	<4.4	<4.4	<4.4	**230 J**	**180 J**	**420**	**190**	**120**	**280**	**48**	**120**	<4.4	**210**	4.4 UJ	**5.8 J**	**310**
		5 - 5.5	12/01/2014	<4.2	**6.5 J**	**6.6 J**	**430**	**330**	**1,200**	**480**	**370**	**710**	**140**	**310**	<4.2	**590**	**17 J**	**43**	**910**
		10 - 10.5	12/01/2014	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3
	M-192	0.5 - 1	12/03/2014	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	**9.8 J**	<8.4	**14 J**	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	**8.5 J**
		5 - 5.5	12/03/2014	<4.4	<4.4	<4.4	**56**	**57**	**87**	**39**	**33**	**62**	**11 J**	**54**	<4.4	**42**	**16 J**	**17 J**	**46**
Phase 2 RI	RI-23	2 - 2.5	5/17/2017	<9.0	<9.0	<9.0	**10 J**	<9.0	**24 J**	**27 J**	**10 J**	**16 J**	<9.0	**13 J**	<9.0	**14 J**	<9.0	<9.0	**13 J**
		5 - 5.5	5/17/2017	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0
		10 - 10.5	5/17/2017	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-2g. SOIL ANALYTICAL RESULTS, ECA GROUP BC
PCBs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PCBs (µg/kg)						
				Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260
			HSSL:	45,200	1,280	1,060	1,550	1,560	1,600	1,650
Phase B	SA-133	0.5 - 2	9/01/2009	<19	<41	<19	<29	<19	<19	<33
Phase 1 RI	M-189	0.5 - 1	12/02/2014	--	--	--	--	--	--	**340**
		5 - 5.5	12/02/2014	--	--	--	--	--	--	**35 J**
			12/02/2014 (FD)	--	--	--	--	--	--	**53**
	M-191	1 - 1.5	12/01/2014	--	--	--	--	--	--	<19
			12/01/2014 (FD)	--	--	--	--	--	--	<19
		5 - 5.5	12/01/2014	--	--	--	--	--	--	<18
	M-192	0.5 - 1	12/03/2014	--	--	--	--	--	--	<18
		5 - 5.5	12/03/2014	--	--	--	--	--	--	<19
Phase 2 RI	RI-23	2 - 2.5	5/17/2017	--	--	--	--	--	--	<18
		5 - 5.5	5/17/2017	--	--	--	--	--	--	<18
		10 - 10.5	5/17/2017	--	--	--	--	--	--	<18
Unit Buildings 4 and 5 Investigation	U4U5-2	1	10/30/2015	<19	<19	<19	<19	<19	<19	<19
		2.5	10/30/2015	<19	<19	<19	<19	<19	19 UJ	19 UJ
		5	10/30/2015	<41	<41	<41	<41	<41	**200**	<41
		7.5	10/30/2015	<39	<39	<39	<39	<39	<39	<39
	U4U5-3	2.5	10/29/2015	<19	<19	<19	<19	<19	<19	<19
		5	10/29/2015	<19	<19	<19	<19	<19	<19	<19
	U4U5-4	1	10/30/2015	<18	<18	<18	<18	<18	<18	<18
		2.5	10/30/2015	<19	<19	<19	<19	<19	<19	<19
		5	10/30/2015	<19	<19	<19	<19	<19	<19	<19

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-2h. SOIL ANALYTICAL RESULTS, ECA GROUP BC
Dioxins/Furans (pg/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Dioxins/Furans (pg/g)																	
				TCDD	PeCDD	1,4-HxCDD	1,6-HxCDD	1,9-HxCDD	1,4,6-HpCDD	OCDD	TCDF	1-PeCDF	4-PeCDF	1,4-HxCDF	1,6-HxCDF	1,9-HxCDF	4,6-HxCDF	1,4,6-HpCDF	1,4,9-HpCDF	OCDF	Total Dioxin/Furan TEQ (Calculated)
			HSSL:	26.7	--	--	--	581	--	--	--	--	--	--	--	--	--	--	--	--	2,700
Phase B	RSAQ5	1 - 2.5	9/09/2009	**0.610 JK**	**1.78 J+**	**1.30 J**	**2.93**	**3.60**	**14.1**	**20.1 J**	**20.3**	**43.6**	**19.2**	**109**	**70.0**	**11.6**	**14.1**	**249**	**111**	**871**	**37**
	RSAR5	0 - 1.5	10/06/2009	**0.30 J**	**0.70 J**	**0.38 JK**	**0.88 J**	**0.95 J**	**3.1**	**9.9 J**	**4.9**	**8.6**	**5.5**	**20**	**13**	**2.4 J**	**3.9**	**50 J**	**20 J**	**170 J**	--
	RSAR6	1 - 2.5	9/14/2009	**0.39 JK**	<2.5	**0.86 JK**	**2.6**	**1.3 J**	**55 J**	**430 J**	**8.7**	**14**	**7.7**	**30**	**19**	**3.5**	**5.7**	**72**	**32**	**240 J**	--
	SA-30	5 - 6.5	9/15/2009	<0.53	<2.7	<2.7	<2.7	**0.23 J**	**0.74 J**	**5.1 J**	**0.73 J**	**1.7 J**	**0.75 J**	**1.9 J**	**0.77 J**	<2.7	**0.48 JK**	**2.8 JK**	**1.7 JK**	**11 J**	--
	SA-124	1 - 2.5	9/10/2009	<0.52	<2.6	<2.6	<2.6	<2.6	**2.1 J**	**14 J**	**1.2 J**	**1.5 JK**	**1.1 J**	**3.0**	**1.6 J**	<2.6	**0.95 J**	**5.5**	**2.3 J**	**22**	--
	SA-125	1 - 2.5	9/10/2009	<0.54	<2.7	<2.7	<2.7	<2.7	<2.7	**12 J**	**0.73 J**	**0.51 JK**	<2.7	**0.78 JK**	<2.7	<2.7	<2.7	<2.7	<2.7	5.4 UJ	--
	SA-133	0.5 - 2	9/01/2009	<0.121	<0.114	<0.186	<0.177	<0.182	<0.202	**1.22 J**	**0.739 JK**	<0.163	<0.157	**1.04 JK**	**0.708 JK**	<0.217	<0.192	**2.13 J**	<0.329	**8.55**	**0.3**
	SA-161	1.5 - 3	9/18/2009	**0.12 JK**	**0.14 JK**	**0.21 JK**	**0.26 JK**	**0.22 JK**	**0.87 J**	**10 J**	**0.82 J**	**1.4 J**	**0.78 J**	**1.2 J**	**0.51 J**	**0.36 J**	**0.50 J**	**1.2 J**	**0.47 J**	**2.4 J**	--
	SA-208	9 - 10.5	9/25/2009	<0.52	<2.6	<2.6	<2.6	<2.6	<2.6	5.2 UJ	**0.52 J**	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	2.6 UJ	2.6 UJ	5.2 UJ	--
Pre-Excavation	SSAQ5-02	1 - 2	5/05/2010	**0.084 JK**	<0.13	<0.11	**0.17 J**	**0.25 JK**	**0.30 JK**	**1.4 J**	**0.87**	**0.72 JK**	**0.44 JK**	**1.6 J**	**1.1 J**	<0.16	**0.35 J**	**3.3 J**	**1.6 J**	**10 J**	**0.73**
	SSAQ5-04	0 - 0.5	8/31/2010	<0.060	<0.11	<0.047	**0.078 JK**	**0.18 J**	**0.099 JK**	**0.36 JK**	**0.11 JK**	<0.13	<0.13	**0.14 JK**	<0.066	**0.12 JK**	<0.059	**0.32 JK**	**0.16 JK**	**0.91 J**	**0.069**
		0.5 - 1.5	8/31/2010	<0.067	<0.10	<0.070	**0.11 J**	**0.18 J**	**0.13 JK**	**1.0 J**	**0.11 JK**	<0.083	<0.085	**0.32 J**	**0.21 J**	**0.13 JK**	<0.095	**0.62 JK**	**0.26 J**	**1.8 J**	**0.12**
	SSAQ5-07	0 - 0.5	8/31/2010	**0.26 J**	**0.42 JK**	**0.26 J**	**0.74 J**	**0.84 J**	**2.7 J**	**4.9 J**	**6.0**	**8.4**	**4.9**	**18**	**13**	**2.5 J**	**4.1**	**56 J**	**23 J**	**220 J**	**7.9**
		0.5 - 1.5	8/31/2010	**0.27 J**	**0.66 J**	**0.38 J**	**0.96 J**	**1.0 J**	**3.5**	**5.3 J**	**7.7**	**11**	**5.7**	**23**	**17**	**3.0**	**4.3**	**64**	**28**	**250**	**9.7**
2011 Removal Action	SSAQ6-02	0.5	2/09/2011	**54**	**130**	**77**	**190**	**160**	**840**	**1,900**	**1,500 J**	**1,500 J**	**890**	**3,400 J**	**2,500 J**	**420**	**620**	**8,300 J**	**3,800 J**	**27,000 J**	**1,500**
			2/09/2011 (FD)	**51**	**120**	**69**	**160**	**130**	**630**	**1,200**	**1,300 J**	**1,300 J**	**770**	**2,700 J**	**2,100 J**	**370**	**440**	**7,200 J**	**3,200 J**	**22,000 J**	**1,300**
Phase 1 RI	M-189	0.5 - 1	12/02/2014	**1.8**	**5.9**	**4.4 J**	**11**	**9.7**	**58**	**250 J**	**110**	**88**	**40**	**210**	**130**	**11**	**26**	**460**	**130**	**970**	**120**
		5 - 5.5	12/02/2014	**0.13 J**	0.21 UJ	**0.43 J**	**0.87 J**	**0.95 J**	**10**	**61**	**12**	**6.6**	**3.4 J**	**11**	**6.7**	**0.77 J**	**1.9 J**	**28**	**9.3**	**72**	**5.4**
			12/02/2014 (FD)	0.10 UJ	**0.40 J**	**0.37 J**	**0.88 J**	**0.79 J**	**9.1**	**65**	**13**	**6.9**	**3.5 J**	**11**	**7.5**	**0.77 J**	**2.0 J**	**31**	**10**	**80**	**5.9**
	M-191	1 - 1.5	12/01/2014	**0.22 J**	<0.39	**0.72 J**	**1.5 J**	**1.7 J**	**9.6**	**25**	**10 J**	**13**	**8.0**	**28**	**20**	1.6 UJ	**6.0**	**93**	**31**	**560**	**12**
			12/01/2014 (FD)	**0.46 J**	<0.41	**1.0 J**	**2.3 J**	**2.2 J**	**11**	**27**	**12 J**	**17**	**9.9**	**37**	**27**	**3.3 J**	**7.8**	**130**	**46**	**820**	**16**
		5 - 5.5	12/01/2014	<0.078	<0.17	<0.095	<0.081	<0.18	<0.11	**0.62 J**	0.066 UJ	<0.071	<0.075	<0.077	<0.066	<0.079	<0.074	<0.11	<0.15	<0.16	**0.17**
	M-192	0.5 - 1	12/03/2014	**0.11 J**	**0.34 J**	**0.26 J**	**0.60 J**	**0.69 J**	**2.7 J**	**9.5 J**	**3.6**	**4.8 J**	**2.2 J**	**9.9**	**5.6**	<0.61	**1.1 J**	**22**	**7.4**	**66**	**3.8**
		5 - 5.5	12/03/2014	**2.5**	**7.7**	**5.8**	**49**	**46**	**190**	**220**	**84**	**92**	**43**	**190**	**110**	**12**	**29**	**510**	**160**	**5,000 J**	**89**
Unit Buildings 4 and 5 Investigation	U4U5-2	1	10/30/2015	<0.044	**0.14 J**	**0.13 J**	**0.33 J**	**0.35 J**	**1.4 J**	**3.9 J**	**1.6**	**2.5 J**	**1.1 J**	**5.3**	**3.4 J**	**0.58 J**	**0.89 J**	**14**	**5.1**	**37**	--
		2.5	10/30/2015	**0.92 J**	**6.2**	**2.5 J**	**6.4**	**9.5**	**12**	**10**	**0.58 J**	**0.53 J**	**0.29 J**	**1.4 J**	**0.85 J**	<0.12	**0.18 J**	**3.4 J**	**1.0 J**	**9.3 J**	--
		5	10/30/2015	**0.79 J**	**1.6 J**	**1.6 J**	**2.7 J**	**2.6 J**	**9.4**	**15**	**21**	**23**	**11**	**40**	**30**	**3.7 J**	**7.0**	**120**	**39**	**480**	--
		7.5	10/30/2015	<0.021	<0.037	<0.024	**0.14 J**	**0.21 J**	**0.18 J**	**0.57 J**	**0.15 J**	<0.038	<0.040	**0.32 J**	**0.29 J**	**0.20 J**	**0.090 J**	**0.89 J**	**0.41 J**	**2.6 J**	--
	U4U5-3	2.5	10/29/2015	<0.031	<0.032	<0.026	**0.057 J**	<0.020	**0.24 J**	**1.7 J**	<0.027	<0.026	<0.028	<0.039	<0.031	<0.038	<0.036	<0.054	<0.020	**0.20 J**	--
		5	10/29/2015	<0.033	<0.041	**0.056 J**	**0.088 J**	**0.17 J**	**0.29 J**	**1.2 J**	**0.36 J**	**0.29 J**	**0.15 J**	**0.43 J**	**0.31 J**	**0.21 J**	**0.16 J**	**1.0 J**	**0.48 J**	**5.5 J**	--
	U4U5-4	1	10/30/2015	<0.070	**0.81 J**	**0.72 J**	**1.4 J**	**1.5 J**	**5.7**	**11**	**11**	**13**	**6.2**	**23**	**17**	**2.2 J**	**4.4 J**	**73**	**26**	**200**	--
		2.5	10/30/2015	<0.021	<0.029	<0.022	**0.049 J**	**0.076 J**	**0.11 J**	**0.71 J**	<0.024	<0.024	<0.025	<0.030	<0.024	<0.029	<0.028	**0.14 J**	<0.016	**0.27 J**	--
		5	10/30/2015	<0.022	<0.033	<0.026	<0.021	**0.11 J**	**0.15 J**	**1.1 J**	<0.028	<0.024	<0.025	<0.037	<0.030	<0.036	<0.034	**0.092 J**	<0.020	**0.21 J**	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pg/g: picograms per gram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-2i. SOIL ANALYTICAL RESULTS, ECA GROUP BC
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)																		
				Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	Chlordane (total)	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	2,4'-DDE	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor
			HSSL:	205	274,000	54,700	333,000	11,100	--	500,000	500,000	14,700	--	10,300	10,600	220	--	--	4,900,000	274,000	--	--	696
Phase B	RSAQ5	1 - 2.5	9/09/2009	<0.92	<0.92	**1.9**	<0.92	<0.92	<4.6	<0.92	<0.92	<1.9	--	<1.9	<1.9	<1.9	<0.92	<1.9	<1.9	<1.9	<1.9	<1.9	<0.92
	RSAR5	0 - 1.5	10/06/2009	<0.92	<0.92	<0.92	<0.92	<0.92	<4.6	<0.92	<0.92	<1.9	--	<1.9	<1.9	<1.9	<0.92	<1.9	<1.9	<1.9	<1.9	<1.9	<0.92
		9.5 - 11	10/06/2009	<0.92	<0.92	<0.92	<0.92	<0.92	<4.6	<0.92	<0.92	<1.9	--	<1.9	<1.9	<1.9	<0.92	<1.9	<1.9	<1.9	<1.9	<1.9	<0.92
	RSAR6	1 - 2.5	9/14/2009	<9.1	<9.1	<9.1	<9.1	<9.1	<45	<9.1	<9.1	<18	--	<18	<18	<18	<9.1	<18	<18	<18	<18	<18	<9.1
		9.5 - 11	9/14/2009	<0.92	<0.92	<0.92	<0.92	<0.92	<4.6	<0.92	<0.92	<1.9	--	<1.9	<1.9	<1.9	<0.92	<1.9	<1.9	<1.9	<1.9	<1.9	<0.92
	RSAR7	8 - 9.5	10/12/2009	<0.92	<0.92	<0.92	<0.92	<0.92	<4.6	<0.92	<0.92	<1.9	--	<1.9	<1.9	<1.9	<0.92	<1.9	<1.9	<1.9	1.9 UJ	<1.9	<0.92
			10/12/2009 (FD)	<0.91	<0.91	<0.91	<0.91	<0.91	<4.6	<0.91	<0.91	<1.9	--	<1.9	<1.9	<1.9	<0.91	<1.9	<1.9	<1.9	1.9 UJ	<1.9	<0.91
Phase 1 RI	M-189	0.5 - 1	12/02/2014	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.1	<1.6	<1.6	<1.6	**41 J**	**96**	<1.6	<1.6	<1.6	<2.1	<1.6	<1.6	<2.1	<2.1
		5 - 5.5	12/02/2014	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	--	2.1 UJ	1.6 UJ	1.6 UJ	1.6 UJ	**1.8 J**	**2.3 J**	1.6 UJ	1.6 UJ	1.6 UJ	2.1 UJ	1.6 UJ	1.6 UJ	2.1 UJ	2.1 UJ
			12/02/2014 (FD)	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	--	2.1 UJ	1.6 UJ	1.6 UJ	1.6 UJ	**4.3 J**	**6.1 J**	1.6 UJ	1.6 UJ	1.6 UJ	2.1 UJ	1.6 UJ	1.6 UJ	2.1 UJ	2.1 UJ
	M-191	1 - 1.5	12/01/2014	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.2	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<2.2	<1.6	<1.6	<2.2	<2.2
			12/01/2014 (FD)	<1.7	<1.7	<1.7	<1.7	<1.7	--	<2.2	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<2.2	<1.7	<1.7	<2.2	<2.2
		5 - 5.5	12/01/2014	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	--	2.1 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	2.1 UJ	1.6 UJ	1.6 UJ	2.1 UJ	2.1 UJ
	M-192	0.5 - 1	12/03/2014	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	--	2.1 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	2.1 UJ	1.6 UJ	1.6 UJ	2.1 UJ	2.1 UJ
		5 - 5.5	12/03/2014	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.2	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<2.2	<1.6	<1.6	<2.2	<2.2
Phase 2 RI	RI-23	2 - 2.5	5/17/2017	<1.7	<1.7	<1.7	<1.7	<1.7	--	<2.2	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<2.2	<1.7	<1.7	<2.2	<2.2
		5 - 5.5	5/17/2017	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.2	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<2.2	<1.6	<1.6	<2.2	<2.2
		10 - 10.5	5/17/2017	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.2	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<2.2	<1.6	<1.6	<2.2	<2.2

Notes:

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µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

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Table A-2i. SOIL ANALYTICAL RESULTS, ECA GROUP BC
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)			
				Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Toxaphene
			HSSL:	366	231	4,560,000	3,210
Phase B	RSAQ5	1 - 2.5	9/09/2009	<0.92	**6.9**	<9.1	<19
	RSAR5	0 - 1.5	10/06/2009	<0.92	**6.2**	<9.1	<19
		9.5 - 11	10/06/2009	<0.92	**1.5 J**	<9.1	<19
	RSAR6	1 - 2.5	9/14/2009	<9.1	**29**	<90	<180
		9.5 - 11	9/14/2009	<0.92	**1.1 J**	<9.2	<19
	RSAR7	8 - 9.5	10/12/2009	<0.92	**3.6**	<9.1	<19
			10/12/2009 (FD)	<0.91	**4.7**	<9.1	<18
Phase 1 RI	M-189	0.5 - 1	12/02/2014	<2.1	--	<1.6	<53
		5 - 5.5	12/02/2014	2.1 UJ	--	1.6 UJ	53 UJ
			12/02/2014 (FD)	2.1 UJ	--	1.6 UJ	53 UJ
	M-191	1 - 1.5	12/01/2014	<2.2	--	<1.6	<55
			12/01/2014 (FD)	<2.2	--	<1.7	<55
		5 - 5.5	12/01/2014	2.1 UJ	--	1.6 UJ	53 UJ
	M-192	0.5 - 1	12/03/2014	2.1 UJ	--	1.6 UJ	53 UJ
		5 - 5.5	12/03/2014	<2.2	--	<1.6	<55
Phase 2 RI	RI-23	2 - 2.5	5/17/2017	<2.2	--	<1.7	<55
		5 - 5.5	5/17/2017	<2.2	--	<1.6	<55
		10 - 10.5	5/17/2017	<2.2	--	<1.6	<54

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

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Detected above the HSSL.

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J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-2j. SOIL ANALYTICAL RESULTS, ECA GROUP BC
Pesticides - OPPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OPPs (µg/kg)																		
				Atrazine	Chlorpyrifos	Coumaphos	Dasanit	Demeton (O + S)	Demeton-O	Demeton-S	Diazinon	Dichlorovos	Dimethoate	Disulfoton	EPN	Ethoprop	Famphur	Fenthion	Guthion	Malathion	Merphos	Methyl parathion	Mevinphos
			HSSL:	15,300	912,000	--	--	36,500	--	--	638,000	12,200	2,010,000	36,500	9,120	--	--	--	2,740,000	18,200,000	1,030	228,000	--
Phase 1 RI	M-189	0.5 - 1	12/02/2014	<12	<6.4	<2.8	<8.1	<7.4	<5.2	<4.8	<7.2	<7.3	<7.0	<7.6	<3.6	<4.9	<3.2	<8.6	<3.5	<4.6	<5.1	<6.3	<4.6
		5 - 5.5	12/02/2014	<13	<6.7	<2.9	<8.5	<7.8	<5.5	<5.0	<7.5	<7.7	<7.3	<8.0	<3.8	<5.1	<3.3	<9.1	<3.6	<4.8	<5.3	<6.6	<4.8
			12/02/2014 (FD)	<13	<6.8	<3.0	<8.6	<7.9	<5.6	<5.1	<7.7	<7.8	<7.5	<8.1	<3.9	<5.2	<3.4	<9.2	<3.7	<4.9	<5.4	<6.7	<4.9
	M-191	1 - 1.5	12/01/2014	13 UJ	7.0 UJ	3.1 UJ	8.9 UJ	8.2 UJ	5.8 UJ	5.3 UJ	7.9 UJ	8.1 UJ	7.7 UJ	8.4 UJ	4.0 UJ	5.4 UJ	3.5 UJ	9.5 UJ	3.8 UJ	5.1 UJ	5.6 UJ	7.0 UJ	<5.0
			12/01/2014 (FD)	<13	<6.8	<3.0	<8.6	<8.0	<5.6	<5.1	<7.7	<7.8	<7.5	<8.2	<3.9	<5.2	<3.4	<9.2	<3.7	<4.9	<5.4	<6.7	<4.9
		5 - 5.5	12/01/2014	<13	<6.8	<2.9	<8.6	<7.9	<5.6	<5.1	<7.6	<7.8	<7.4	<8.1	<3.9	<5.2	<3.4	<9.2	<3.7	<4.9	<5.4	<6.7	<4.8
	M-192	0.5 - 1	12/03/2014	<63	<34	<15	<43	<39	<28	<25	<38	<39	<37	<40	<19	<26	<17	<46	<18	<24	<27	<33	<24
		5 - 5.5	12/03/2014	<13	<7.0	<3.0	<8.8	<8.1	<5.7	<5.3	<7.9	<8.0	<7.7	<8.4	<4.0	<5.3	<3.5	<9.5	<3.8	<5.0	<5.6	<6.9	<5.0

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-2j. SOIL ANALYTICAL RESULTS, ECA GROUP BC
Pesticides - OPPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OPPs (µg/kg)										
				Naled	Parathion	Phorate	Prothiophos	Ronnel	Simazine	Stirophos	Sulfotepp	Sulprofos	Thionazin	Trichloronate
			HSSL:	1,290	5,470,000	182,000	--	26,800	29,400	147,000	456,000	--	--	--
Phase 1 RI	M-189	0.5 - 1	12/02/2014	22 UJ	<5.2	<5.6	<3.9	<15	<22	<4.3	<6.2	<4.2	<5.5	<6.2
		5 - 5.5	12/02/2014	23 UJ	<5.5	<5.9	<4.1	<16	<23	<4.5	<6.5	<4.4	<5.8	<6.5
			12/02/2014 (FD)	24 UJ	<5.6	<6.0	<4.1	<16	<23	<4.6	<6.6	<4.5	<5.9	<6.6
	M-191	1 - 1.5	12/01/2014	25 UJ	5.8 UJ	6.2 UJ	<4.3	17 UJ	--	4.8 UJ	6.8 UJ	<4.6	6.1 UJ	6.8 UJ
			12/01/2014 (FD)	24 UJ	<5.6	<6.0	<4.1	<16	<23	<4.6	<6.6	<4.5	<5.9	<6.6
		5 - 5.5	12/01/2014	24 UJ	<5.6	<6.0	<4.1	<16	<23	<4.6	<6.6	<4.4	<5.8	<6.6
	M-192	0.5 - 1	12/03/2014	<120	<28	<30	<20	<80	<120	<23	<33	<22	<29	<33
		5 - 5.5	12/03/2014	<24	<5.7	<6.2	<4.2	<16	<24	<4.7	<6.8	<4.6	<6.0	<6.8

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-2k. SOIL ANALYTICAL RESULTS, ECA GROUP BC
Petroleum Indicators (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Petroleum Indicators (mg/kg)					
				Gasoline Range Organics	Diesel Range Organics	Petroleum Hydrocarbons	Diesel Range Organics	Petroleum Hydrocarbons	Extractable Fuel Hydrocarbons
			HSSL:	--	--	--	--	--	--
Phase B	RSAQ5	1 - 2.5	9/09/2009	--	<43	<43	<43	<43	--
	RSAR5	0 - 1.5	10/06/2009	--	<44	**35 J**	<44	**35 J**	--
		9.5 - 11	10/06/2009	--	<43	<43	<43	<43	--
	RSAR6	1 - 2.5	9/14/2009	--	**77**	**55**	**77**	**55**	--
		9.5 - 11	9/14/2009	--	<44	<44	<44	<44	--
	RSAR7	8 - 9.5	10/12/2009	--	<43	**39 J**	<43	**39 J**	--
			10/12/2009 (FD)	--	<43	**39 J**	<43	**39 J**	--
	SA-30	5 - 6.5	9/15/2009	--	<43	<43	<43	<43	--
		9 - 10.5	9/15/2009	--	<44	<44	<44	<44	--
	SA-32	8 - 9.5	9/21/2009	--	**87**	**46**	**87**	**46**	--
	SA-125	1 - 2.5	9/10/2009	--	<44	<44	<44	<44	--
	SA-133	0.5 - 2	9/01/2009	--	<43	<43	<43	<43	--
		10 - 11.5	9/01/2009	--	<43	<43	<43	<43	--
	SA-208	9 - 10.5	9/25/2009	--	<44	<44	<44	<44	--
Phase 1 RI	M-189	0.5 - 1	12/02/2014	<0.15	**370**	**57**	**370**	**57**	**440**
		5 - 5.5	12/02/2014	<0.15	**50**	**16 J**	**50**	**16 J**	**75 J**
			12/02/2014 (FD)	<0.16	**82**	**44 J**	**82**	**44 J**	**130 J**
	M-191	1 - 1.5	12/01/2014	<0.15	**56**	**52 J**	**56**	**52 J**	**110 J**
			12/01/2014 (FD)	<0.16	**88**	**180 J**	**88**	**180 J**	**270 J**
		5 - 5.5	12/01/2014	<0.15	**15**	**4.9 J**	**15**	**4.9 J**	**30**
	M-192	0.5 - 1	12/03/2014	<0.16	**46**	**140**	**46**	**140**	**190**
		5 - 5.5	12/03/2014	<0.15	**15**	**26**	**15**	**26**	**41**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-2m. SOIL ANALYTICAL RESULTS, ECA GROUP BC
Asbestos (s/samp)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Asbestos (s/samp)								
				Long Amphibole Protocol Structures Count	Long Asbestos Protocol Structures Count	Long Chrysotile Protocol Structures Count	Short Amphibole Structures Counts	Short Asbestos Structures Counts	Short Chrysotile Structures Counts	Total Amphibole Protocol Structures Count	Total Asbestos Protocol Structures Count	Total Chrysotile Protocol Structures Count
			HSSL:	0	--	5	--	--	--	--	--	--
Phase B	RSAQ5	0.5 - 1	9/16/2009	0	**3**	**3**	0	**2**	**2**	0	**5**	**5**
	SA-125	0.5 - 1	9/15/2009	0	0	0	0	0	0	0	0	0
	SA-133	0 - 0.5	9/15/2009	0	**1**	**1**	0	0	0	0	**1**	**1**
			9/15/2009 (FD)	0	0	0	0	0	0	0	0	0
	SA-161	1 - 1.5	9/24/2009	0	**4**	**4**	0	**5**	**5**	0	**9**	**9**
Pre-Excavation	SSAR6-01	0.5	5/13/2010	0	0	0	0	0	0	0	0	0

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
s/samp: strands per sample
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-3a. SOIL ANALYTICAL RESULTS, ECA GROUP BE
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)														
				Ammonia	Bicarbonate as HCO_3	Bromide	Carbonate as CO_3	Chlorate	Chloride	Chromium (total)	Chromium VI	Hydroxide	Nitrate (as NO_3)	Nitrate Nitrite as N	Nitrite	Perchlorate	ortho-Phosphate	Sulfate
			HSSL:	27,900	--	--	--	38,900	--	100,000	564	--	100,000	--	120,000	908	--	--
Phase B	RSAR8	1 - 2.5	10/23/2009	0.12 UJ	--	**1 J**	<3	**70.6 J-**	**959 J+**	**7.99**	<0.19	--	**38 J+**	--	**0.35**	**67.7**	--	**780 J+**
	SA-33	1 - 2.5	10/20/2009	<0.085	--	<0.2	**4 J**	**44.6**	**397**	**10.7 J**	**1.03 J**	--	**48 J+**	--	<0.08	**126 J**	--	**1,320**
			10/20/2009 (FD)	<0.085	--	<0.2	**4 J**	**55.9 J+**	**396**	**11.3 J**	**2.42 J**	--	**50 J+**	--	<0.08	**169 J**	--	**1,440**
	SA-34	1 - 2.5	10/26/2009	<0.12	--	<0.2	**20 J**	**0.922 J-**	**6.5**	**6.69**	<0.19	--	**6.5 J+**	--	<0.08	**3.35**	--	**72.3 J**
	SA-59	1 - 2.5	8/28/2009	<0.12	--	<0.2	**9 J**	<0.043	**100**	**7**	<0.19	--	**19 J+**	--	<0.08	**2.5**	--	**255**
	SA-68	1.5 - 3	8/31/2009	<0.12	--	<0.2	**32**	<0.044	**25.5**	**4.84 J**	<0.19	--	**280 J+**	--	<0.08	**0.863**	--	**507**
	SA-112	1 - 2.5	10/22/2009	0.085 UJ	--	<0.2	<3	**12.7 J-**	**221 J+**	**10.3**	**0.71**	--	**37 J+**	--	<0.08	**39.3**	--	**7,260 J+**
	SA-132	1 - 2.5	10/23/2009	0.097 UJ	--	<0.2	**111**	**0.402**	**3.2 J+**	**8.16**	<0.19	--	**6 J+**	--	<0.08	**3.06**	--	**145 J+**
Pre-Excavation	SSAR7-02	1 - 2	4/27/2010	--	--	--	--	--	--	--	--	--	--	--	--	**0.17 J+**	--	--
		5 - 6	4/27/2010	--	--	--	--	--	--	--	--	--	--	--	--	**0.24 J+**	--	--
	SSAR7-03	1 - 2	4/27/2010	--	--	--	--	--	--	--	--	--	--	--	--	**1.6 J+**	--	--
		5 - 6	4/27/2010	--	--	--	--	--	--	--	--	--	--	--	--	**1.1 J+**	--	--
2011 Removal Action	EE-B21-1	5.5	5/17/2011	--	--	--	--	--	--	--	--	--	--	--	--	**3.64**	--	--
Phase 1 RI	M-190	0.5 - 1	12/05/2014	<2.6	**30,000**	<3.8	**1,300**	**0.26**	**5.7**	**14**	<0.44	<180	**11**	**2.5**	<1.2	**0.38**	<4.4	**71**
		5 - 5.5	12/05/2014	**2.8 J**	**31,000**	<3.8	**1,300**	**0.37**	**4.6 J**	**14**	<0.43	<180	**5.1 J**	<1.2	<1.2	**0.52**	<4.4	**33**
	M-193	0.5 - 1	12/04/2014	<2.6	**31,000**	<3.9	**1,300**	**1.7**	**28**	**15**	<0.44	<190	**5.2 J**	**1.2 J**	<1.2	**2.4**	4.4 UJ	**5,900 J**
		5 - 5.5	12/04/2014	<2.6	**27,000**	<3.8	**1,300**	**0.28**	**4.4 J**	**15**	<0.43	<180	**6.4**	**1.4 J**	<1.2	**2.0**	<4.3	**55**
		10 - 10.5	12/04/2014	<2.6	**32,000**	<3.9	**1,300**	**0.98**	**7.4**	**15**	<0.44	<180	**6.4**	**1.4 J**	<1.2	**6.7**	<4.4	**110**
Unit Buildings 4 and 5 Investigation	U4U5-1	1	10/28/2015	<2.3	--	--	--	--	--	**23**	<0.17	--	--	--	--	**0.047**	--	--
		2.5	10/28/2015	<2.2	--	--	--	--	--	**16**	<0.17	--	--	--	--	**0.057**	--	--
		5	10/28/2015	<2.3	--	--	--	--	--	**15**	<0.17	--	--	--	--	**0.026 J**	--	--
		7.5	10/28/2015	<2.4	--	--	--	--	--	**12**	<0.18	--	--	--	--	<0.012	--	--
		10	10/28/2015	<2.4	--	--	--	--	--	**15**	<0.18	--	--	--	--	<0.011	--	--
	U4U5-26	1	7/15/2016	--	--	--	--	--	--	**22**	**0.20 J**	--	--	--	--	**0.15**	--	--
		2.5	7/15/2016	--	--	--	--	--	--	**20**	<0.17	--	--	--	--	**0.17 J-**	--	--
		5	7/15/2016	--	--	--	--	--	--	**22**	<0.17	--	--	--	--	**0.47**	--	--
		7.5	7/15/2016	--	--	--	--	--	--	**21**	<0.17	--	--	--	--	**1.1**	--	--
		10	7/15/2016	--	--	--	--	--	--	**22**	<0.17	--	--	--	--	**0.60**	--	--
	U4U5-35	1	7/15/2016	--	--	--	--	--	--	**22**	<0.16	--	--	--	--	**0.60 J-**	--	--
			7/15/2016 (FD)	--	--	--	--	--	--	**20**	<0.18	--	--	--	--	**0.54**	--	--
		2.5	7/15/2016	--	--	--	--	--	--	**18**	<0.16	--	--	--	--	**2.0**	--	--
		5	7/15/2016	--	--	--	--	--	--	**15**	<0.17	--	--	--	--	**1.1**	--	--
		7.5	7/15/2016	--	--	--	--	--	--	**22**	<0.18	--	--	--	--	**1.8**	--	--
	U4U5-44	1	7/14/2016	--	--	--	--	--	--	**19**	<0.16	--	--	--	--	**0.090 J-**	--	--
		2.5	7/14/2016	--	--	--	--	--	--	**18**	<0.16	--	--	--	--	**0.086**	--	--
		5	7/14/2016	--	--	--	--	--	--	**16**	<0.16	--	--	--	--	**0.059**	--	--
		7.5	7/14/2016	--	--	--	--	--	--	**21**	<0.16	--	--	--	--	**0.040 J**	--	--
		10	7/14/2016	--	--	--	--	--	--	**20**	<0.17	--	--	--	--	**0.62**	--	--
	U4U5-52	1	7/01/2016	--	--	--	--	--	--	**20**	<0.16	--	--	--	--	**1.3**	--	--
		2.5	7/01/2016	--	--	--	--	--	--	**25**	<0.17	--	--	--	--	**0.32**	--	--
		5	7/01/2016	--	--	--	--	--	--	**25**	<0.17	--	--	--	--	**0.029 J**	--	--
		7.5	7/01/2016	--	--	--	--	--	--	**26**	<0.18	--	--	--	--	**0.21**	--	--
		10	7/01/2016	--	--	--	--	--	--	**27**	<0.16	--	--	--	--	**0.41**	--	--
	U4U5-54	1	7/01/2016	--	--	--	--	--	--	**40**	**1.6**	--	--	--	--	**0.090**	--	--
		2.5	7/01/2016	--	--	--	--	--	--	**22**	**1.3**	--	--	--	--	**0.10**	--	--
		5	7/05/2016	--	--	--	--	--	--	**18**	<0.18	--	--	--	--	<0.011	--	--
		7.5	7/05/2016	--	--	--	--	--	--	**26**	<0.19	--	--	--	--	**0.10**	--	--
		10	7/05/2016	--	--	--	--	--	--	**14**	<0.17	--	--	--	--	**0.061**	--	--
	U4U5-68	1	12/07/2016	--	--	--	--	--	--	**22**	<0.16	--	--	--	--	**1.3**	--	--
		2.5	12/07/2016	--	--	--	--	--	--	**24**	<0.16	--	--	--	--	**1.2**	--	--

Table A-3a. SOIL ANALYTICAL RESULTS, ECA GROUP BE
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)														
				Ammonia	Bicarbonate as HCO_3	Bromide	Carbonate as CO_3	Chlorate	Chloride	Chromium (total)	Chromium VI	Hydroxide	Nitrate (as NO_3)	Nitrate Nitrite as N	Nitrite	Perchlorate	ortho-Phosphate	Sulfate
			HSSL:	27,900	--	--	--	38,900	--	100,000	564	--	100,000	--	120,000	908	--	--
Unit Buildings 4 and 5 Investigation	U4U5-68	5	12/07/2016	--	--	--	--	--	--	**23**	<0.16	--	--	--	--	**0.79**	--	--
		7.5	12/07/2016	--	--	--	--	--	--	**23**	<0.16	--	--	--	--	**0.60**	--	--
		10	12/07/2016	--	--	--	--	**0.069 J**	--	**18**	<0.16	--	**4.9 J**	--	--	**0.21**	--	**120**
	U4U5-71	1	11/10/2016	--	--	--	--	--	--	**120**	**3.4**	--	--	--	--	**5.5**	--	--
		2.5	11/10/2016	--	--	--	--	--	--	**25**	**0.83**	--	--	--	--	**3.3**	--	--
		5	11/10/2016	--	--	--	--	--	--	**23**	**0.39**	--	--	--	--	**2.3**	--	--
		7.5	11/10/2016	--	--	--	--	--	--	**20**	**0.27 J**	--	--	--	--	**2.4**	--	--
		10	11/10/2016	--	--	--	--	**0.73**	--	**30**	**0.68**	--	<4	--	--	**1.3**	--	**42**
	U4U5-73	1	12/06/2016	--	--	--	--	--	--	**21**	<0.16	--	--	--	--	**0.24**	--	--
		2.5	12/06/2016	--	--	--	--	--	--	**23**	<0.16	--	--	--	--	**0.12**	--	--
		5	12/06/2016	--	--	--	--	--	--	**22**	<0.16	--	--	--	--	**0.77**	--	--
		7.5	12/06/2016	--	--	--	--	--	--	**19**	<0.16	--	--	--	--	**4.3**	--	--
		10	12/06/2016	--	--	--	--	**0.16 J**	--	**22**	<0.16	--	**33**	--	--	**4.8**	--	**330**
	U4U5-74	1	9/19/2017	--	--	--	--	**0.43**	--	**15**	<0.17	--	**12**	--	--	**0.95**	--	**340**
		2.5	9/19/2017	--	--	--	--	**0.14 J**	--	**30**	<0.18	--	<4.2	--	--	**0.47**	--	**370**
		5	9/19/2017	--	--	--	--	**0.17 J**	--	**24**	**0.17 J**	--	<4	--	--	**0.59**	--	**320**
		7.5	9/19/2017	--	--	--	--	**0.064 J**	--	**21**	**0.38**	--	<4	--	--	**0.23**	--	**1,300**
		10	9/19/2017	--	--	--	--	**0.086 J**	--	**14**	<0.17	--	<4	--	--	**0.32**	--	**220**
	U4U5-76	1	10/04/2017	--	--	--	--	**0.13 J**	--	**17**	<0.17	--	**6.6**	--	--	**0.58**	--	**170**
		2.5	10/04/2017	--	--	--	--	<0.054	--	**14**	**0.29 J**	--	<3.9	--	--	**0.093**	--	**47**
		5	10/04/2017	--	--	--	--	**0.12 J**	--	**17**	<0.17	--	**12**	--	--	**0.55**	--	**130**
		7.5	10/04/2017	--	--	--	--	**0.096 J**	--	**17**	<0.17	--	**7.5**	--	--	**0.39**	--	**75**
		10	10/04/2017	--	--	--	--	**0.086 J**	--	**21**	<0.18	--	**4.4 J**	--	--	**0.058**	--	**110**
	U4U5-77	1	10/05/2017	--	--	--	--	**0.38**	--	**18**	<0.17	--	<4	--	--	**3.0**	--	**70**
		2.5	10/05/2017	--	--	--	--	**0.10 J**	--	**15**	<0.17	--	<3.9	--	--	**0.34**	--	**40**
		5	10/05/2017	--	--	--	--	**0.10 J**	--	**21**	<0.18	--	<4.2	--	--	**1.5**	--	**110**
		7.5	10/05/2017	--	--	--	--	**4.2**	--	**18**	<0.17	--	<4.1	--	--	**2.9**	--	**150**
		10	10/05/2017	--	--	--	--	<0.057	--	**13**	<0.17	--	<4	--	--	**0.74**	--	**69**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-3b. SOIL ANALYTICAL RESULTS, ECA GROUP BE
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)																		
				Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Niobium	Palladium	Phosphorus (total)
			HSSL:	100,000	3,450	7.2	100,000	6,130	100,000	8,180	--	385	51,900	100,000	800	100,000	100,000	3.13	6,490	50,300	130	--	100,000
Phase B	RSAR8	1 - 2.5	10/23/2009	**9,670**	**1.7 J**	**2.31**	**186 J**	**0.449 J**	**7.7 J**	**0.13 J**	**26,100 J**	**8.2**	**22.8 J+**	**17,400**	**12**	**10,300**	**435 J+**	**0.023**	**0.4**	**16.4**	--	--	**871**
	SA-33	1 - 2.5	10/20/2009	**5,710**	**0.6 J**	**7.42**	**163**	**0.374 J**	**11.1**	**0.63**	**28,300 J**	**10**	**31.4 J**	**8,820**	**36.1**	**7,960**	**2,320 J**	**0.708**	**0.89**	**11.7**	--	--	**816**
			10/20/2009 (FD)	**5,060**	**2.8 J**	**7.52**	**146**	**0.371 J**	**9.2 J**	**0.48**	**30,700 J**	**8.1**	**153 J**	**6,910**	**23.4**	**7,650**	**1,520 J**	**0.804**	**0.8**	**10**	--	--	**861**
	SA-34	1 - 2.5	10/26/2009	**9,240**	**1.1 J**	**1.59**	**167 J**	**0.44 J**	**12.7**	<0.04	**16,100**	**8.2**	**26.7**	**16,200**	**10.5**	**8,090**	**400 J**	**0.025**	**0.33**	**15.7**	--	--	**800 J+**
	SA-59	1 - 2.5	8/28/2009	**9,280**	**1.3 J**	**2.17**	**145**	**0.452**	**7.1 J**	**0.19**	**26,400**	**7.7**	**25.9**	**16,900**	**12.1**	**9,200**	**363**	**0.025**	**0.31**	**15.6**	--	--	**1,050**
	SA-68	1.5 - 3	8/31/2009	**7,690**	**1.1 J-**	**2.02**	**172**	**0.327**	**5.3 J**	**0.15**	**17,100**	**24.4**	**102**	**13,800**	**13.7**	**10,500**	**1,600 J**	**0.019**	**0.47**	**16.5**	--	--	**1,470**
	SA-112	1 - 2.5	10/22/2009	**6,150**	**1.4 J**	**4.28**	**181 J**	**0.323 J**	**9.1 J**	**0.44 J**	**49,200 J**	**9.1**	**59.2 J+**	**13,700**	**19.8**	**10,800**	**2,030 J+**	**0.063**	**0.9**	**12.8**	--	--	**696**
	SA-132	1 - 2.5	10/23/2009	**9,870**	**1.4 J**	**2.68**	**162 J**	**0.51 J**	**7.4 J**	**0.2 J**	**23,800 J**	**8.4**	**21.1 J+**	**18,700**	**10.4**	**10,200**	**417 J+**	**0.015 J**	**0.41**	**18.2**	--	--	**819**
Pre-Excavation	SA-33	1.5 - 2.5	8/30/2010	--	--	**2.6 J**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2.5 - 3.5	8/30/2010	--	--	**2.5 J**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3.5 - 4.5	8/30/2010	--	--	**2.0 J**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			8/30/2010 (FD)	--	--	**2.6 J**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAR7-02	1 - 2	4/27/2010	--	--	**3.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5 - 6	4/27/2010	--	--	**3.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAR7-03	1 - 2	4/27/2010	--	--	**3.9**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5 - 6	4/27/2010	--	--	**4.0**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAR7-05	1.5 - 2.5	8/31/2010	--	--	**25**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2.5 - 3.5	8/31/2010	--	--	**4.3**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3.5 - 4.5	8/31/2010	--	--	**2.8**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2011 Removal Action	EE-B21-1	5.5	5/17/2011	--	--	**3.9**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phase 1 RI	M-190	0.5 - 1	12/05/2014	**9,500**	0.54 UJ	**3.2**	**250 J+**	--	**12**	<0.27	--	**9.4**	**26**	**16,000**	**18**	**11,000**	**940**	**0.043**	<1.1	**18**	1.8 UJ	<0.053	**1,200**
		5 - 5.5	12/05/2014	**9,600**	0.54 UJ	**3.7**	**200 J+**	--	**11**	<0.27	--	**7.8**	**22**	**15,000**	**13**	**10,000**	**630**	**0.021 J**	<1.1	**16**	1.8 UJ	<0.053	**980**
	M-193	0.5 - 1	12/04/2014	**10,000**	0.55 UJ	**2.5**	**180 J+**	--	**14**	<0.28	--	**9.3**	**21**	**18,000**	**12**	**10,000**	**480**	**0.043**	<1.1	**18**	1.8 UJ	<0.053	**1,400**
		5 - 5.5	12/04/2014	**9,100**	0.53 UJ	**2.6**	**140 J+**	--	**23**	<0.27	--	**8.1**	**19**	**17,000**	**9.0**	**10,000**	**340**	**0.15**	<1.1	**16**	1.9 UJ	<0.056	**1,100**
		10 - 10.5	12/04/2014	**11,000**	0.55 UJ	**3.6**	**200 J+**	--	**29**	<0.27	--	**8.3**	**19**	**16,000**	**8.7**	**13,000**	**380**	**0.084**	<1.1	**17**	--	--	**1,000**
Unit Buildings 4 and 5 Investigation	U4U5-74	1	9/19/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	**260**	--	--	--	--	--	--
		2.5	9/19/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	**480**	--	--	--	--	--	--
		5	9/19/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	**430**	--	--	--	--	--	--
		7.5	9/19/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	**2,200**	--	--	--	--	--	--
		10	9/19/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	**320**	--	--	--	--	--	--

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-3b. SOIL ANALYTICAL RESULTS, ECA GROUP BE
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)															
				Platinum	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Sulfur	Thallium	Tin	Titanium	Tungsten	Uranium (total)	Vanadium	Zinc	Zirconium
			HSSL:	5,190	--	6,490	--	100,000	--	100,000	--	13	100,000	100,000	1,040	3,830	100,000	100,000	104
Phase B	RSAR8	1 - 2.5	10/23/2009	**0.009 J+**	**2,410**	<0.7	--	<0.2	**1,260**	**223 J**	--	**0.102**	**3.8 J**	**992**	**0.15 J**	**1.11 J**	**52.4**	**37**	--
	SA-33	1 - 2.5	10/20/2009	**0.026 J**	**1,640**	0.7 UJ	--	<0.2	**622**	**133**	--	**0.424 J**	**3.9 J**	**409**	**0.66 J-**	**0.936**	**23.4**	**43.2**	--
			10/20/2009 (FD)	**0.031 J**	**1,520**	0.7 UJ	--	<0.2	**729**	**127**	--	**0.36 J**	**4.6 J**	**310**	**0.77 J-**	**0.968**	**17.7**	**39.7**	--
	SA-34	1 - 2.5	10/26/2009	**0.008 J**	**2,400**	0.7 UJ	--	<0.2	**632**	**145**	--	**0.177**	**3.8 J**	**817**	**0.21 J-**	**0.772 J**	**46.3**	**36.2**	--
	SA-59	1 - 2.5	8/28/2009	**0.009 J**	**2,150**	<0.7	--	<0.2	**790**	**178**	--	**0.086**	**4.6 J**	**913**	**0.14**	**0.977**	**50.6**	**34.3**	--
	SA-68	1.5 - 3	8/31/2009	**0.045 J**	**2,570**	<0.8	--	<0.2	**1,660**	**127**	--	**0.103**	**4 J**	**731**	**0.83**	**0.758**	**42.5**	**37.1 J**	--
	SA-112	1 - 2.5	10/22/2009	**0.017 J**	**2,070**	<0.7	--	<0.2	**615**	**204 J**	--	**0.278**	**3.5 J**	**736**	**0.54 J**	**1.18 J**	**38.1**	**41.9**	--
	SA-132	1 - 2.5	10/23/2009	**0.008 J**	**2,540**	<0.8	--	<0.2	**2,450**	**153 J**	--	**0.093**	**4.1 J**	**1,020**	**0.23 J**	**0.838 J**	**58.8**	**36.8**	--
Pre-Excavation	SA-33	1.5 - 2.5	8/30/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2.5 - 3.5	8/30/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3.5 - 4.5	8/30/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			8/30/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAR7-02	1 - 2	4/27/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5 - 6	4/27/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAR7-03	1 - 2	4/27/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5 - 6	4/27/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAR7-05	1.5 - 2.5	8/31/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2.5 - 3.5	8/31/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3.5 - 4.5	8/31/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2011 Removal Action	EE-B21-1	5.5	5/17/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phase 1 RI	M-190	0.5 - 1	12/05/2014	--	--	<0.54	**130 J-**	<0.82	--	**200 J+**	<380	<0.27	--	--	5.4 UJ	**1.1**	--	**47**	**20**
		5 - 5.5	12/05/2014	--	--	<0.54	**120 J-**	<0.80	--	**290 J+**	<370	<0.27	--	--	5.4 UJ	**1.6**	--	**41**	**21**
	M-193	0.5 - 1	12/04/2014	--	--	<0.55	**290 J-**	<0.83	--	**130 J+**	<440	<0.28	--	--	5.5 UJ	**0.91**	--	**38**	**19**
		5 - 5.5	12/04/2014	--	--	<0.53	**120 J-**	<0.80	--	**220 J+**	420 UJ	<0.27	--	--	5.3 UJ	**1.3**	--	**34**	**20**
		10 - 10.5	12/04/2014	--	--	<0.55	**120 J-**	<0.82	--	--	410 UJ	<0.27	--	--	--	--	--	**36**	--
Unit Buildings 4 and 5 Investigation	U4U5-74	1	9/19/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2.5	9/19/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5	9/19/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		7.5	9/19/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		10	9/19/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-3c. SOIL ANALYTICAL RESULTS, ECA GROUP BE
Radionuclides (pCi/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Radionuclides (pCi/g)									
				Radium-226	Radium-228	Thorium-228	Thorium-230	Thorium-232	Uranium-234		Uranium-235		Uranium-238
			HSSL:	0.023	0.046	0.026	14	13	--	18	--	0.33	1.5
Phase B	RSAR8	1 - 2.5	10/23/2009	**0.794**	**1.24**	**1.49**	**0.946**	**1.4**	--	**1.02 J**	--	**0.0572**	**1.03**
	SA-33	1 - 2.5	10/20/2009	**1.05 J**	**1.32 J**	**1.14 J**	**1.43 J**	**0.911 J**	--	**1.78**	--	**0.044 U**	**1.50 J**
			10/20/2009 (FD)	**0.490 J**	**0.660 J**	**1.53 J**	**0.805 J**	**1.02 J**	--	**1.08**	--	**0.0364 U**	**0.877 J**
	SA-34	1 - 2.5	10/26/2009	**0.699**	**0.725**	**1.51**	**0.866**	**1.46**	--	**0.883**	--	**0.0468 U**	**0.837**
	SA-59	1 - 2.5	8/28/2009	**1.45**	**0.970**	**1.46**	**0.691**	**1.29**	--	**1.20**	--	**0.0575 U**	**0.899**
	SA-68	1.5 - 3	8/31/2009	**0.712**	**1.11**	**1.63**	**0.663**	**1.22**	--	**0.829**	--	**0.081 U**	**0.777**
	SA-112	1 - 2.5	10/22/2009	**0.460**	**1.12 J**	**1.21**	**0.652**	**1.09 J**	--	**0.989**	--	**0.0464**	**0.789**
	SA-132	1 - 2.5	10/23/2009	**0.707**	**1.24**	**1.41**	**1.07**	**1.28**	--	**1.15 J**	--	**0.0533**	**1.02**
Phase 1 RI	M-190	0.5 - 1	12/05/2014	**1.10**	**1.30**	**1.77**	**1.11**	**1.39**	**1.30**	--	**0.0529**	--	**1.18**
		5 - 5.5	12/05/2014	**1.16 J**	**1.16 J**	**1.49**	**1.07**	**1.24**	**1.54**	--	**0.112**	--	**1.15**
	M-193	0.5 - 1	12/04/2014	**1.05**	**1.43**	**1.55**	**0.870 J**	**1.52**	**0.964**	--	**0.0418 U**	--	**1.00**
		5 - 5.5	12/04/2014	**1.11**	**1.07**	**1.54**	**1.11**	**1.56**	**0.761**	--	**0.105**	--	**0.873**
Unit Buildings 4 and 5 Investigation	U4U5-1	1	10/28/2015	**0.999 J**	**0.548 J**	**1.65**	**1.15**	**1.53 J**	**0.870 J**	--	**0.0739 J**	--	**0.799 J**
		2.5	10/28/2015	**1.16**	**1.03**	**1.90**	**1.59**	**1.77 J**	**1.48 J**	--	**0.0565 J**	--	**1.29 J**
		5	10/28/2015	**0.916 J**	**0.577 J**	**1.81**	**1.16**	**1.84 J**	**1.19 J**	--	**0.0431 J**	--	**1.06 J**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pCi/g: picocuries per gram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: result above minimum detectable activity
Value: result below minimum detectable activity
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-3d. SOIL ANALYTICAL RESULTS, ECA GROUP BE
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Acetone	t-Amyl methyl ether	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene
			HSSL:	100,000,000	--	5,310	679,000	628,000	1,300	95,300	30,300	28,400,000	108,000	145,000	183,000	2,960	1,370,000	2,120,000	1,390	464,000	907,000	26,000,000	10,400,000
Phase B	RSAR8	1 - 2.5	10/23/2009	<1.6	<0.12	<0.49	<0.43	<0.43	<0.54	<0.45	0.82 UJ	<0.80	<0.80	<0.69	<0.58	<0.48	<0.51	<0.51	<0.46	<0.60	<0.64	<0.57	<0.53
	SA-33	1 - 2.5	10/20/2009	**4.1 J**	<0.091	<0.38	<0.34	<0.34	<0.43	<0.35	<0.65	**2.5 J**	<0.63	<0.54	<0.46	<0.38	<0.40	<0.40	<0.36	<0.48	<0.51	<0.45	<0.42
			10/20/2009 (FD)	**22 J**	<0.083	<0.35	<0.31	<0.31	<0.39	<0.32	<0.59	**5.5 J**	<0.57	<0.49	<0.42	<0.34	<0.36	<0.36	<0.33	<0.43	<0.46	<0.41	<0.38
	SA-34	1 - 2.5	10/26/2009	<1.7	<0.13	<0.52	<0.46	<0.46	<0.57	0.47 UJ	<0.87	<0.85	<0.85	<0.73	<0.62	0.51 UJ	<0.54	<0.54	<0.48	0.64 UJ	<0.68	<0.61	<0.56
	SA-59	1 - 2.5	8/28/2009	**21 J**	<0.14	<0.57	<0.51	<0.51	<0.64	<0.52	<0.97	**1.6 J**	<0.95	<0.81	<0.69	<0.56	<0.60	<0.60	<0.54	<0.71	<0.76	<0.67	<0.62
	SA-68	1.5 - 3	8/31/2009	**6.9 J**	<0.13	<0.51	<0.45	<0.45	<0.56	<0.46	<0.86	**2.1 J**	<0.84	<0.72	<0.61	<0.50	<0.53	<0.53	<0.47	<0.63	<0.67	<0.60	<0.55
	SA-112	1 - 2.5	10/22/2009	**16 J**	<0.14	<0.56	<0.50	<0.50	<0.62	<0.51	<0.94	**1.0 J**	<0.92	<0.79	<0.67	<0.55	<0.58	<0.58	<0.52	<0.69	<0.74	<0.65	<0.61
	SA-132	1 - 2.5	10/23/2009	<1.4	<0.11	<0.43	<0.38	<0.38	<0.48	<0.39	0.72 UJ	<0.71	<0.71	<0.60	<0.51	<0.42	<0.45	<0.45	**0.47 J**	<0.53	<0.57	<0.50	<0.47
Phase 1 RI	M-190	0.5 - 1	12/05/2014	<8.1	<1.0	<0.51	<1.0	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<1.0	<1.0	<0.51	<0.51	<1.0	<0.51	<1.0	<1.0	<1.0	<0.51
		5 - 5.5	12/05/2014	<7.7	<0.96	<0.48	<0.96	<0.96	<0.48	<0.96	<0.96	<4.8	<0.96	<0.96	<0.96	<0.48	<0.48	<0.96	<0.48	<0.96	<0.96	<0.96	<0.48
	M-193	0.5 - 1	12/04/2014	<7.9	<0.98	<0.49	<0.98	<0.98	<0.49	<0.98	<0.98	<4.9	<0.98	<0.98	<0.98	<0.49	<0.49	<0.98	<0.49	<0.98	<0.98	<0.98	<0.49
		5 - 5.5	12/04/2014	<8.2	<1.0	<0.52	<1.0	<1.0	<0.52	<1.0	<1.0	<5.2	<1.0	<1.0	<1.0	<0.52	<0.52	<1.0	<0.52	<1.0	<1.0	<1.0	<0.52
		10 - 10.5	12/04/2014	<8.1	<1.0	<0.51	<1.0	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<1.0	<1.0	<0.51	<0.51	<1.0	<0.51	<1.0	<1.0	<1.0	<0.51
Unit Buildings 4 and 5 Investigation	U4U5-1	1	10/28/2015	<7.0	<0.88	<0.88	<0.88	<0.88	0.88 UJ	<1.8	<0.88	<4.4	<0.88	<0.88	<0.88	<0.88	<0.88	<1.8	<0.88	<0.88	<0.88	<0.88	<0.88
		2.5	10/28/2015	<7.8	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<4.9	**1.2 J**	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<0.98	<0.98	<0.98	<0.98
		5	10/28/2015	<7.7	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	<4.8	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	<0.96	<0.96	<0.96	<0.96
		7.5	10/28/2015	<8.3	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0
		10	10/28/2015	<8.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
	U4U5-26	1	7/15/2016	<5.9	<0.74	<0.74	<0.74	<0.74	<0.74	<1.5	<0.74	<3.7	<0.74	<0.74	<0.74	<0.74	<0.74	<1.5	<0.74	<0.74	<0.74	<0.74	<0.74
		2.5	7/15/2016	<5.5	<0.69	<0.69	<0.69	<0.69	<0.69	<1.4	<0.69	<3.4	<0.69	<0.69	<0.69	<0.69	<0.69	<1.4	<0.69	<0.69	<0.69	<0.69	<0.69
		5	7/15/2016	<6.6	<0.82	<0.82	<0.82	<0.82	<0.82	<1.6	<0.82	<4.1	<0.82	<0.82	<0.82	<0.82	<0.82	<1.6	<0.82	<0.82	<0.82	<0.82	<0.82
		7.5	7/15/2016	<6.2	<0.77	<0.77	<0.77	<0.77	<0.77	<1.5	<0.77	<3.9	<0.77	<0.77	<0.77	<0.77	<0.77	<1.5	<0.77	<0.77	<0.77	<0.77	<0.77
		10	7/15/2016	<6.5	<0.81	<0.81	<0.81	<0.81	<0.81	<1.6	<0.81	<4.0	<0.81	<0.81	<0.81	<0.81	<0.81	<1.6	<0.81	<0.81	<0.81	<0.81	<0.81
	U4U5-35	1	7/15/2016	<8.6	<1.1	<1.1	<1.1	<1.1	1.1 UJ	<2.2	<1.1	<5.4	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1
			7/15/2016 (FD)	<5.8	<0.73	<0.73	<0.73	<0.73	0.73 UJ	<1.5	<0.73	<3.6	<0.73	<0.73	<0.73	<0.73	<0.73	<1.5	<0.73	<0.73	<0.73	<0.73	<0.73
		2.5	7/15/2016	<6.6	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<4.1	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<0.83	<0.83	<0.83	<0.83
		5	7/15/2016	<5.1	<0.64	<0.64	<0.64	<0.64	0.64 UJ	<1.3	<0.64	<3.2	<0.64	<0.64	<0.64	<0.64	<0.64	<1.3	<0.64	<0.64	<0.64	<0.64	<0.64
		7.5	7/15/2016	<7.1	<0.89	<0.89	<0.89	<0.89	0.89 UJ	<1.8	<0.89	<4.4	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89
	U4U5-44	1	7/14/2016	<5.6	<0.70	<0.70	<0.70	<0.70	<0.70	<1.4	<0.70	<3.5	<0.70	<0.70	<0.70	<0.70	<0.70	<1.4	<0.70	<0.70	<0.70	<0.70	<0.70
		2.5	7/14/2016	<6.7	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<4.2	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<0.83	<0.83	<0.83	<0.83
		5	7/14/2016	<6.9	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<4.3	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<0.86	<0.86	<0.86	<0.86
		7.5	7/14/2016	<7.0	<0.88	<0.88	<0.88	<0.88	<0.88	<1.8	<0.88	<4.4	<0.88	<0.88	<0.88	<0.88	<0.88	<1.8	<0.88	<0.88	<0.88	<0.88	<0.88
		10	7/14/2016	<6.5	<0.81	<0.81	<0.81	<0.81	<0.81	<1.6	<0.81	<4.1	<0.81	<0.81	<0.81	<0.81	<0.81	<1.6	<0.81	<0.81	<0.81	<0.81	<0.81
	U4U5-52	1	7/01/2016	<8.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
		2.5	7/01/2016	<8.4	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0
		5	7/01/2016	<7.0	<0.88	<0.88	<0.88	<0.88	<0.88	<1.8	<0.88	<4.4	<0.88	<0.88	<0.88	<0.88	<0.88	<1.8	<0.88	<0.88	<0.88	<0.88	<0.88
		7.5	7/01/2016	<9.6	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<6.0	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<1.2	<1.2	<1.2	<1.2
		10	7/01/2016	<6.6	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<4.1	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<0.83	<0.83	<0.83	<0.83
	U4U5-54	1	7/01/2016	<6.8	<0.85	<0.85	<0.85	<0.85	<0.85	<1.7	<0.85	<4.2	<0.85	<0.85	<0.85	<0.85	<0.85	<1.7	<0.85	<0.85	<0.85	<0.85	<0.85
		2.5	7/01/2016	<10	<1.3	<1.3	<1.3	<1.3	<1.3	<2.6	<1.3	<6.5	<1.3	<1.3	<1.3	<1.3	<1.3	<2.6	<1.3	<1.3	<1.3	<1.3	<1.3
		5	7/05/2016	<7.1	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<4.5	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89
		7.5	7/05/2016	<5.7	<0.71	<0.71	<0.71	<0.71	<0.71	<1.4	<0.71	<3.6	<0.71	<0.71	<0.71	<0.71	<0.71	<1.4	<0.71	<0.71	<0.71	<0.71	<0.71
		10	7/05/2016	<9.2	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<5.7	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<1.1	<1.1	<1.1	<1.1
	U4U5-68	1	12/07/2016	<8.1	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	1.0 UJ	<5.1	<1.0	<1.0	<1.0	1.0 UJ	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
		2.5	12/07/2016	<8.4	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	1.1 UJ	<5.3	<1.1	<1.1	<1.1	1.1 UJ	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	12/07/2016	<7.3	<0.92	<0.92	<0.92	<0.92	<0.92	<1.8	0.92 UJ	<4.6	<0.92	<0.92	<0.92	0.92 UJ	<0.92	<1.8	<0.92	<0.92	<0.92	<0.92	<0.92
		7.5	12/07/2016	<7.3	<0.91	<0.91	<0.91	0.91 UJ	<0.91	<1.8	<0.91	<4.5	<0.91	<0.91	<0.91	<0.91	<0.91	<1.8	<0.91	<0.91	<0.91	<0.91	<0.91
		10	12/07/2016	<6.7	<0.84	<0.84	<0.84	0.84 UJ	<0.84	<1.7	<0.84	<4.2	<0.84	<0.84	<0.84	<0.84	<0.84	<1.7	<0.84	<0.84	<0.84	<0.84	<0.84
	U4U5-71	1	11/10/2016	<8.4	<1.0	<1.0	<1.0	<1.0	1.0 UJ	<2.1	<1.0	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0
		2.5	11/10/2016	**370**	<1.0	<1.0	<1.0	<1.0	1.0 UJ	<2.1	<1.0	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	**1.3 J**	<1.0	<1.0	<1.0	<1.0

Table A-3d. SOIL ANALYTICAL RESULTS, ECA GROUP BE
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Acetone	t-Amyl methyl ether	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene
			HSSL:	100,000,000	--	5,310	679,000	628,000	1,300	95,300	30,300	28,400,000	108,000	145,000	183,000	2,960	1,370,000	2,120,000	1,390	464,000	907,000	26,000,000	10,400,000
Unit Buildings 4 and 5 Investigation	U4U5-71	5	11/10/2016	<8.5	<1.1	<1.1	<1.1	<1.1	1.1 UJ	<2.1	<1.1	<5.3	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	**1.7 J**	<1.1	<1.1	<1.1	<1.1
		7.5	11/10/2016	<9.0	<1.1	<1.1	<1.1	<1.1	1.1 UJ	<2.3	<1.1	<5.6	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<1.1	<1.1	<1.1	<1.1
		10	11/10/2016	<7.6	<0.95	<0.95	<0.95	<0.95	0.95 UJ	<1.9	<0.95	<4.8	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95
	U4U5-73	1	12/06/2016	<8.4	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<5.3	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1
		2.5	12/06/2016	<8.5	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<5.3	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	12/06/2016	<8.5	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<5.3	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1
		7.5	12/06/2016	<8.5	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<5.3	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1
		10	12/06/2016	<8.4	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<5.2	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0
	U4U5-74	1	9/19/2017	<4.9	<0.61	<0.61	<0.61	<0.61	<0.61	<1.2	<0.61	<3.1	**0.74 J**	<0.61	<0.61	<0.61	<0.61	<1.2	<0.61	<0.61	<0.61	<0.61	**0.65 J**
		2.5	9/19/2017	<7.7	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	<4.8	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	<0.96	<0.96	<0.96	<0.96
		5	9/19/2017	<4.9	<0.61	<0.61	<0.61	<0.61	<0.61	<1.2	<0.61	<3.1	<0.61	<0.61	<0.61	<0.61	<0.61	<1.2	**0.83 J**	<0.61	<0.61	<0.61	<0.61
		7.5	9/19/2017	<6.4	<0.80	<0.80	<0.80	<0.80	<0.80	<1.6	<0.80	<4.0	<0.80	<0.80	<0.80	<0.80	<0.80	<1.6	<0.80	<0.80	<0.80	<0.80	<0.80
		10	9/19/2017	<3.8	<0.48	<0.48	<0.48	<0.48	<0.48	<0.96	<0.48	<2.4	<0.48	<0.48	<0.48	<0.48	<0.48	<0.96	**0.84 J**	<0.48	<0.48	<0.48	<0.48
	U4U5-76	1	10/04/2017	<10	<1.3	<1.3	<1.3	<1.3	<1.3	<2.6	<1.3	<6.4	<1.3	<1.3	<1.3	<1.3	<1.3	<2.6	<1.3	<1.3	<1.3	<1.3	<1.3
		2.5	10/04/2017	**19 J**	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<5.7	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<1.1	<1.1	<1.1	<1.1
		5	10/04/2017	<21	<2.6	<2.6	<2.6	<2.6	<2.6	<5.2	<2.6	<13	<2.6	<2.6	<2.6	<2.6	<2.6	<5.2	<2.6	<2.6	<2.6	<2.6	<2.6
		7.5	10/04/2017	<8.1	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<5.1	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
		10	10/04/2017	**57**	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<4.8	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95
	U4U5-77	1	10/05/2017	<6.7	<0.84	<0.84	<0.84	<0.84	<0.84	<1.7	<0.84	<4.2	<0.84	<0.84	<0.84	<0.84	<0.84	<1.7	<0.84	<0.84	<0.84	<0.84	<0.84
		2.5	10/05/2017	<7.5	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<4.7	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<0.94	<0.94	<0.94	<0.94
		5	10/05/2017	<6.8	<0.85	<0.85	<0.85	<0.85	<0.85	<1.7	<0.85	<4.3	<0.85	<0.85	<0.85	<0.85	<0.85	<1.7	<0.85	<0.85	<0.85	<0.85	<0.85
		7.5	10/05/2017	<6.3	<0.79	<0.79	<0.79	<0.79	<0.79	<1.6	<0.79	<3.9	<0.79	<0.79	<0.79	<0.79	<0.79	<1.6	<0.79	<0.79	<0.79	<0.79	<0.79
		10	10/05/2017	<7.0	<0.87	<0.87	<0.87	<0.87	<0.87	<1.7	<0.87	<4.3	<0.87	<0.87	<0.87	<0.87	<0.87	<1.7	<0.87	<0.87	<0.87	<0.87	<0.87

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-3d. SOIL ANALYTICAL RESULTS, ECA GROUP BE
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane	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
			HSSL:	147,000	64.9	43,300	168	98,900	376,000	373,000	11,500	368,000	15,800	2,100	20,000	400,000	304,000	11,700	26,000,000	--	--	--	--
Phase B	RSAR8	1 - 2.5	10/23/2009	<0.68	<0.73	<0.35	<0.32	<0.35	<0.41	<0.55	<0.74	<0.55	<0.49	<0.37	<0.39	<0.33	<0.55	<0.41	<0.38	<0.35	<0.42	<0.36	<0.39
	SA-33	1 - 2.5	10/20/2009	<0.53	<0.57	<0.28	<0.25	<0.28	<0.33	<0.43	<0.58	<0.43	<0.38	<0.29	<0.31	<0.26	<0.43	<0.33	<0.30	<0.28	<0.33	<0.29	<0.31
			10/20/2009 (FD)	<0.48	<0.52	<0.25	<0.23	<0.25	<0.30	<0.39	<0.53	<0.39	<0.35	<0.27	<0.28	<0.24	<0.39	<0.30	<0.27	<0.25	<0.30	<0.26	<0.28
	SA-34	1 - 2.5	10/26/2009	<0.72	<0.77	<0.37	<0.34	<0.37	<0.44	<0.58	<0.78	0.58 UJ	<0.52	<0.39	<0.42	<0.35	<0.58	<0.44	<0.41	<0.37	<0.45	<0.38	<0.42
	SA-59	1 - 2.5	8/28/2009	<0.80	<0.86	<0.41	<0.38	<0.41	<0.49	<0.65	<0.87	<0.65	<0.57	<0.44	<0.46	<0.39	<0.65	<0.49	<0.45	<0.41	<0.50	<0.43	<0.46
	SA-68	1.5 - 3	8/31/2009	<0.70	<0.76	<0.37	<0.33	<0.37	<0.43	<0.57	<0.77	<0.57	<0.51	<0.39	<0.41	<0.34	<0.57	<0.43	<0.40	<0.37	<0.44	<0.38	<0.41
	SA-112	1 - 2.5	10/22/2009	<0.77	<0.83	<0.40	<0.37	<0.40	<0.47	<0.63	<0.85	<0.63	<0.56	<0.43	<0.45	<0.38	<0.63	<0.47	<0.44	<0.40	<0.49	<0.41	<0.45
	SA-132	1 - 2.5	10/23/2009	<0.60	<0.64	<0.31	<0.28	<0.31	<0.36	<0.48	<0.65	<0.48	<0.43	<0.33	<0.35	<0.29	<0.48	<0.36	<0.34	<0.31	<0.37	<0.32	<0.35
Phase 1 RI	M-190	0.5 - 1	12/05/2014	<0.51	<2.0	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	1.0 UJ	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<1.0	<0.51	<0.51	<0.51
		5 - 5.5	12/05/2014	<0.48	<1.9	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	0.96 UJ	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.96	<0.48	<0.48	<0.48
	M-193	0.5 - 1	12/04/2014	<0.49	<2.0	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	0.98 UJ	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.98	<0.49	<0.49	<0.49
		5 - 5.5	12/04/2014	<0.52	<2.1	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	1.0 UJ	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<1.0	<0.52	<0.52	<0.52
		10 - 10.5	12/04/2014	<0.51	<2.0	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	1.0 UJ	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<1.0	<0.51	<0.51	<0.51
Unit Buildings 4 and 5 Investigation	U4U5-1	1	10/28/2015	<0.88	<1.8	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<1.8	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88
		2.5	10/28/2015	<0.98	<2.0	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98
		5	10/28/2015	<0.96	<1.9	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	0.96 UJ	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96
		7.5	10/28/2015	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	1.0 UJ	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		10	10/28/2015	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	1.0 UJ	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	U4U5-26	1	7/15/2016	<0.74	<1.5	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<1.5	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74
		2.5	7/15/2016	<0.69	<1.4	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<1.4	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69
		5	7/15/2016	<0.82	<1.6	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<1.6	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82
		7.5	7/15/2016	<0.77	<1.5	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<1.5	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77
		10	7/15/2016	<0.81	<1.6	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<1.6	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81
	U4U5-35	1	7/15/2016	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
			7/15/2016 (FD)	<0.73	<1.5	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<1.5	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73
		2.5	7/15/2016	<0.83	<1.7	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83
		5	7/15/2016	<0.64	<1.3	<0.64	<0.64	<0.64	<0.64	<0.64	<0.64	<1.3	<0.64	<0.64	<0.64	<0.64	<0.64	<0.64	<0.64	<0.64	<0.64	<0.64	<0.64
		7.5	7/15/2016	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
	U4U5-44	1	7/14/2016	<0.70	<1.4	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<1.4	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70
		2.5	7/14/2016	<0.83	<1.7	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83
		5	7/14/2016	<0.86	<1.7	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
		7.5	7/14/2016	<0.88	<1.8	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<1.8	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88
		10	7/14/2016	<0.81	<1.6	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<1.6	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81
	U4U5-52	1	7/01/2016	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		2.5	7/01/2016	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		5	7/01/2016	<0.88	<1.8	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<1.8	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88
		7.5	7/01/2016	<1.2	<2.4	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
		10	7/01/2016	<0.83	<1.7	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83
	U4U5-54	1	7/01/2016	<0.85	<1.7	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<1.7	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85
		2.5	7/01/2016	<1.3	<2.6	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.6	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
		5	7/05/2016	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
		7.5	7/05/2016	<0.71	<1.4	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<1.4	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71
		10	7/05/2016	<1.1	<2.3	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
	U4U5-68	1	12/07/2016	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0 UJ	<1.0	<1.0	<1.0
		2.5	12/07/2016	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	1.1 UJ	<1.1	<1.1	<1.1
		5	12/07/2016	<0.92	<1.8	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<1.8	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	0.92 UJ	<0.92	<0.92	<0.92
		7.5	12/07/2016	<0.91	<1.8	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<1.8	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91
		10	12/07/2016	<0.84	<1.7	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<1.7	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84
	U4U5-71	1	11/10/2016	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		2.5	11/10/2016	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table A-3d. SOIL ANALYTICAL RESULTS, ECA GROUP BE
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane	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
			HSSL:	147,000	64.9	43,300	168	98,900	376,000	373,000	11,500	368,000	15,800	2,100	20,000	400,000	304,000	11,700	26,000,000	--	--	--	--
Unit Buildings 4 and 5 Investigation	U4U5-71	5	11/10/2016	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		7.5	11/10/2016	<1.1	<2.3	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		10	11/10/2016	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
	U4U5-73	1	12/06/2016	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	1.1 UJ	<1.1	<1.1
		2.5	12/06/2016	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	1.1 UJ	<1.1	<1.1
		5	12/06/2016	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	1.1 UJ	<1.1	<1.1
		7.5	12/06/2016	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		10	12/06/2016	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0 UJ	<1.0	<1.0
	U4U5-74	1	9/19/2017	**0.68 J**	<1.2	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<1.2	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61
		2.5	9/19/2017	<0.96	<1.9	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96
		5	9/19/2017	<0.61	<1.2	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<1.2	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61
		7.5	9/19/2017	<0.80	<1.6	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<1.6	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
		10	9/19/2017	<0.48	<0.96	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.96	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
	U4U5-76	1	10/04/2017	<1.3	<2.6	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.6	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
		2.5	10/04/2017	<1.1	<2.3	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	10/04/2017	<2.6	<5.2	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<5.2	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6
		7.5	10/04/2017	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		10	10/04/2017	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
	U4U5-77	1	10/05/2017	<0.84	<1.7	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<1.7	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84
		2.5	10/05/2017	<0.94	<1.9	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94
		5	10/05/2017	<0.85	<1.7	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<1.7	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85
		7.5	10/05/2017	<0.79	<1.6	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<1.6	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79
		10	10/05/2017	<0.87	<1.7	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<1.7	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-3d. SOIL ANALYTICAL RESULTS, ECA GROUP BE
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Diisopropyl ether	Ethyl benzene	Ethyl tert-butyl ether	Hexachlorobutadiene	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	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
			HSSL:	2,260,000	26,600	560,000	5,610	1,490,000	217,000	1,130,000	11,300	3,360,000	264,000	867,000	9,070	2,910	107,000	818,000	151,000	125,000	640,000	5,280	6,310
Phase B	RSAR8	1 - 2.5	10/23/2009	<0.26	<0.93	<0.26	0.79 UJ	<0.75	<0.33	**0.41 J**	<0.96	<0.69	<0.54	<0.48	<0.30	<0.42	<0.52	<0.34	<0.76	<0.94	<0.23	<0.61	<0.42
	SA-33	1 - 2.5	10/20/2009	<0.20	<0.73	<0.20	<0.62	**0.66 J**	<0.26	<0.32	<0.76	<0.54	<0.43	<0.38	<0.24	<0.33	<0.41	<0.27	<0.60	<0.74	<0.18	<0.48	<0.33
			10/20/2009 (FD)	<0.18	<0.66	<0.18	<0.57	**0.66 J**	<0.24	<0.29	<0.69	<0.49	<0.39	<0.34	<0.21	<0.30	<0.37	<0.24	<0.54	<0.67	<0.16	<0.44	<0.30
	SA-34	1 - 2.5	10/26/2009	<0.27	<0.98	<0.27	0.84 UJ	<0.79	<0.35	<0.43	1.1 UJ	<0.73	<0.57	<0.51	0.32 UJ	<0.45	<0.55	<0.36	<0.81	<0.99	<0.24	<0.65	<0.45
	SA-59	1 - 2.5	8/28/2009	<0.30	<1.1	<0.30	<0.93	<0.88	<0.39	<0.48	<1.2	<0.81	<0.64	<0.56	<0.35	<0.50	<0.61	**1.7 J**	<0.90	<1.2	<0.26	<0.72	<0.50
	SA-68	1.5 - 3	8/31/2009	<0.27	<0.97	<0.27	<0.82	<0.78	<0.34	<0.42	<1.0	<0.72	<0.56	<0.50	<0.31	<0.44	<0.54	**0.97 J**	<0.79	<0.98	<0.23	<0.64	<0.44
	SA-112	1 - 2.5	10/22/2009	<0.29	<1.1	<0.29	0.91 UJ	<0.86	<0.38	<0.46	<1.1	<0.79	<0.62	<0.55	<0.34	<0.49	<0.59	<0.39	<0.87	<1.1	<0.26	<0.70	<0.49
	SA-132	1 - 2.5	10/23/2009	<0.23	<0.82	<0.23	0.70 UJ	<0.66	<0.29	<0.36	<0.84	<0.60	<0.48	<0.42	<0.26	<0.37	<0.46	<0.30	<0.67	<0.83	<0.20	<0.54	<0.37
Phase 1 RI	M-190	0.5 - 1	12/05/2014	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<5.1	<1.0	<2.5	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<0.51
		5 - 5.5	12/05/2014	<0.96	<0.48	<0.96	<0.96	<4.8	<0.96	<4.8	<0.96	<2.4	<0.48	<0.48	<0.96	<0.96	<0.48	<0.48	<0.96	<0.96	<0.48	<0.48	<0.48
	M-193	0.5 - 1	12/04/2014	<0.98	<0.49	<0.98	<0.98	<4.9	<0.98	<4.9	<0.98	<2.5	<0.49	<0.49	<0.98	<0.98	<0.49	<0.49	<0.98	<0.98	<0.49	<0.49	<0.49
		5 - 5.5	12/04/2014	<1.0	<0.52	<1.0	<1.0	<5.2	<1.0	<5.2	<1.0	<2.6	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<0.52
		10 - 10.5	12/04/2014	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<5.1	<1.0	<2.5	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<0.51
Unit Buildings 4 and 5 Investigation	U4U5-1	1	10/28/2015	<0.88	<0.88	<0.88	<0.88	<4.4	<0.88	<4.4	<1.8	<2.2	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88
		2.5	10/28/2015	<0.98	<0.98	<0.98	<0.98	<4.9	<0.98	<4.9	**2.6 J**	<2.5	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	**1.1 J**	<0.98	<0.98	<0.98	<0.98
		5	10/28/2015	<0.96	<0.96	<0.96	<0.96	<4.8	<0.96	<4.8	<1.9	<2.4	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96
		7.5	10/28/2015	<1.0	<1.0	<1.0	<1.0	<5.2	<1.0	<5.2	<2.1	<2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		10	10/28/2015	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<5.0	<2.0	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	U4U5-26	1	7/15/2016	<0.74	<0.74	<0.74	<0.74	<3.7	<0.74	<3.7	<1.5	<1.8	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74
		2.5	7/15/2016	<0.69	<0.69	<0.69	<0.69	<3.4	<0.69	<3.4	<1.4	<1.7	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69
		5	7/15/2016	<0.82	<0.82	<0.82	<0.82	<4.1	<0.82	<4.1	<1.6	<2.1	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82
		7.5	7/15/2016	<0.77	<0.77	<0.77	<0.77	<3.9	<0.77	<3.9	<1.5	<1.9	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77
		10	7/15/2016	<0.81	<0.81	<0.81	<0.81	<4.0	<0.81	<4.0	<1.6	<2.0	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81
	U4U5-35	1	7/15/2016	<1.1	<1.1	<1.1	<1.1	<5.4	<1.1	<5.4	<2.2	<2.7	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
			7/15/2016 (FD)	<0.73	<0.73	<0.73	<0.73	<3.6	<0.73	<3.6	<1.5	<1.8	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73
		2.5	7/15/2016	<0.83	<0.83	<0.83	<0.83	<4.1	<0.83	<4.1	<1.7	<2.1	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83
		5	7/15/2016	<0.64	<0.64	<0.64	<0.64	<3.2	<0.64	<3.2	<1.3	<1.6	<0.64	<0.64	<0.64	<0.64	<0.64	<0.64	<0.64	<0.64	<0.64	<0.64	<0.64
		7.5	7/15/2016	<0.89	<0.89	<0.89	<0.89	<4.4	<0.89	<4.4	<1.8	<2.2	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
	U4U5-44	1	7/14/2016	<0.70	<0.70	<0.70	<0.70	<3.5	<0.70	<3.5	<1.4	<1.8	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70
		2.5	7/14/2016	<0.83	<0.83	<0.83	<0.83	<4.2	<0.83	<4.2	<1.7	<2.1	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83
		5	7/14/2016	<0.86	<0.86	<0.86	<0.86	<4.3	<0.86	<4.3	<1.7	<2.1	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
		7.5	7/14/2016	<0.88	<0.88	<0.88	<0.88	<4.4	<0.88	<4.4	<1.8	<2.2	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88
		10	7/14/2016	<0.81	<0.81	<0.81	<0.81	<4.1	<0.81	<4.1	<1.6	<2.0	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81
	U4U5-52	1	7/01/2016	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<5.0	<2.0	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0 UJ	<1.0
		2.5	7/01/2016	<1.0	<1.0	<1.0	<1.0	<5.2	<1.0	<5.2	<2.1	<2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0 UJ	<1.0
		5	7/01/2016	<0.88	<0.88	<0.88	<0.88	<4.4	<0.88	<4.4	<1.8	<2.2	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	<0.88	0.88 UJ	<0.88
		7.5	7/01/2016	<1.2	<1.2	<1.2	<1.2	<6.0	<1.2	<6.0	<2.4	<3.0	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	1.2 UJ	<1.2
		10	7/01/2016	<0.83	<0.83	<0.83	<0.83	<4.1	<0.83	<4.1	<1.7	<2.1	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	0.83 UJ	<0.83
	U4U5-54	1	7/01/2016	<0.85	<0.85	<0.85	<0.85	<4.2	<0.85	<4.2	<1.7	<2.1	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	0.85 UJ	<0.85
		2.5	7/01/2016	<1.3	<1.3	<1.3	<1.3	<6.5	<1.3	<6.5	<2.6	<3.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	1.3 UJ	<1.3
		5	7/05/2016	<0.89	<0.89	<0.89	<0.89	<4.5	<0.89	<4.5	<1.8	<2.2	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
		7.5	7/05/2016	<0.71	<0.71	<0.71	<0.71	<3.6	<0.71	<3.6	<1.4	<1.8	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71
		10	7/05/2016	<1.1	<1.1	<1.1	<1.1	<5.7	<1.1	<5.7	<2.3	<2.9	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
	U4U5-68	1	12/07/2016	<1.0	<1.0	<1.0	<1.0	<5.1	<1.0	<5.1	<2.0	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0 UJ	<1.0
		2.5	12/07/2016	<1.1	<1.1	<1.1	<1.1	<5.3	<1.1	<5.3	<2.1	<2.6	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	1.1 UJ	<1.1
		5	12/07/2016	<0.92	<0.92	<0.92	<0.92	<4.6	<0.92	<4.6	<1.8	<2.3	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	0.92 UJ	<0.92
		7.5	12/07/2016	<0.91	<0.91	<0.91	<0.91	<4.5	<0.91	<4.5	<1.8	<2.3	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	0.91 UJ	<0.91
		10	12/07/2016	<0.84	<0.84	<0.84	<0.84	<4.2	<0.84	<4.2	<1.7	<2.1	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	0.84 UJ	<0.84
	U4U5-71	1	11/10/2016	<1.0	<1.0	<1.0	<1.0	<5.2	<1.0	<5.2	<2.1	<2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0 UJ	<1.0
		2.5	11/10/2016	<1.0	<1.0	<1.0	<1.0	<5.2	<1.0	<5.2	<2.1	<2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0 UJ	<1.0

Table A-3d. SOIL ANALYTICAL RESULTS, ECA GROUP BE
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Diisopropyl ether	Ethyl benzene	Ethyl tert-butyl ether	Hexachlorobutadiene	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	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
			HSSL:	2,260,000	26,600	560,000	5,610	1,490,000	217,000	1,130,000	11,300	3,360,000	264,000	867,000	9,070	2,910	107,000	818,000	151,000	125,000	640,000	5,280	6,310
Unit Buildings 4 and 5 Investigation	U4U5-71	5	11/10/2016	<1.1	<1.1	<1.1	<1.1	<5.3	<1.1	<5.3	<2.1	<2.6	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	1.1 UJ	<1.1
		7.5	11/10/2016	<1.1	<1.1	<1.1	<1.1	<5.6	<1.1	<5.6	<2.3	<2.8	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	1.1 UJ	<1.1
		10	11/10/2016	<0.95	<0.95	<0.95	<0.95	<4.8	<0.95	<4.8	<1.9	<2.4	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	0.95 UJ	<0.95
	U4U5-73	1	12/06/2016	<1.1	<1.1	<1.1	<1.1	<5.3	<1.1	<5.3	<2.1	<2.6	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		2.5	12/06/2016	<1.1	<1.1	<1.1	<1.1	<5.3	<1.1	<5.3	<2.1	<2.7	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	12/06/2016	<1.1	<1.1	<1.1	<1.1	<5.3	<1.1	<5.3	<2.1	<2.7	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		7.5	12/06/2016	<1.1	<1.1	<1.1	<1.1	<5.3	<1.1	<5.3	<2.1	<2.7	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		10	12/06/2016	<1.0	<1.0	<1.0	<1.0	<5.2	<1.0	<5.2	<2.1	<2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	U4U5-74	1	9/19/2017	<0.61	<0.61	<0.61	<0.61	<3.1	<0.61	<3.1	<1.2	<1.5	**1.0 J**	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61
		2.5	9/19/2017	<0.96	<0.96	<0.96	<0.96	<4.8	<0.96	<4.8	<1.9	<2.4	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96
		5	9/19/2017	<0.61	<0.61	<0.61	<0.61	<3.1	<0.61	<3.1	<1.2	<1.5	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61
		7.5	9/19/2017	<0.80	<0.80	<0.80	<0.80	<4.0	<0.80	<4.0	<1.6	<2.0	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
		10	9/19/2017	<0.48	<0.48	<0.48	<0.48	<2.4	<0.48	<2.4	<0.96	<1.2	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
	U4U5-76	1	10/04/2017	<1.3	<1.3	<1.3	<1.3	<6.4	<1.3	<6.4	<2.6	<3.2	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
		2.5	10/04/2017	<1.1	<1.1	<1.1	<1.1	<5.7	<1.1	<5.7	<2.3	<2.8	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
		5	10/04/2017	<2.6	<2.6	**2.6 J**	<2.6	<13	<2.6	<13	<5.2	<6.5	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6
		7.5	10/04/2017	<1.0	<1.0	<1.0	<1.0	<5.1	<1.0	<5.1	<2.0	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
		10	10/04/2017	<0.95	**5.3**	<0.95	<0.95	<4.8	<0.95	<4.8	**5.0**	<2.4	<0.95	<0.95	<0.95	<0.95	<0.95	**3.4**	<0.95	<0.95	<0.95	<0.95	<0.95
	U4U5-77	1	10/05/2017	<0.84	<0.84	<0.84	<0.84	<4.2	<0.84	<4.2	<1.7	<2.1	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84
		2.5	10/05/2017	<0.94	<0.94	<0.94	<0.94	<4.7	<0.94	<4.7	<1.9	<2.3	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94
		5	10/05/2017	<0.85	<0.85	<0.85	<0.85	<4.3	<0.85	<4.3	<1.7	<2.1	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85
		7.5	10/05/2017	<0.79	<0.79	<0.79	<0.79	<3.9	<0.79	<3.9	<1.6	<2.0	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79
		10	10/05/2017	<0.87	<0.87	<0.87	<0.87	<4.3	<0.87	<4.3	<1.7	<2.2	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-3d. SOIL ANALYTICAL RESULTS, ECA GROUP BE
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)								
				Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	Xylenes (total)	tert Butyl alcohol
			HSSL:	1,230,000	121	219,000	182,000	1,870	--	434,000	260,000	7,270,000
Phase B	RSAR8	1 - 2.5	10/23/2009	<0.35	<0.56	<0.65	<0.55	<0.50	<0.98	<0.67	--	<7.4
	SA-33	1 - 2.5	10/20/2009	<0.28	<0.44	<0.52	<0.43	<0.39	<0.77	<0.52	--	<5.8
			10/20/2009 (FD)	<0.25	<0.40	<0.47	<0.39	<0.36	<0.70	<0.48	--	<5.3
	SA-34	1 - 2.5	10/26/2009	<0.37	<0.59	<0.69	<0.58	<0.53	<1.1	<0.71	--	<7.8
	SA-59	1 - 2.5	8/28/2009	<0.41	<0.66	<0.77	<0.65	<0.59	<1.2	<0.78	--	<8.7
	SA-68	1.5 - 3	8/31/2009	<0.37	<0.58	<0.68	<0.57	<0.52	<1.1	<0.69	--	<7.7
	SA-112	1 - 2.5	10/22/2009	<0.40	<0.64	<0.75	<0.63	<0.57	<1.2	<0.76	--	<8.5
	SA-132	1 - 2.5	10/23/2009	<0.31	<0.49	<0.58	<0.48	<0.44	<0.86	<0.59	--	<6.5
Phase 1 RI	M-190	0.5 - 1	12/05/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.51	--	<10
		5 - 5.5	12/05/2014	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.48	--	<9.6
	M-193	0.5 - 1	12/04/2014	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.49	--	<9.8
		5 - 5.5	12/04/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.52	--	<10
		10 - 10.5	12/04/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.51	--	<10
Unit Buildings 4 and 5 Investigation	U4U5-1	1	10/28/2015	<0.88	<0.88	<0.88	<0.88	<0.88	<1.8	<0.88	<1.8	<8.8
		2.5	10/28/2015	<0.98	<0.98	<0.98	<0.98	<0.98	<2.0	<0.98	<2.0	<9.8
		5	10/28/2015	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	<1.9	<9.6
		7.5	10/28/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<2.1	<10
		10	10/28/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<10
	U4U5-26	1	7/15/2016	<0.74	<0.74	<0.74	<0.74	<0.74	<1.5	<0.74	<1.5	<7.4
		2.5	7/15/2016	<0.69	<0.69	<0.69	<0.69	<0.69	<1.4	<0.69	<1.4	<6.9
		5	7/15/2016	<0.82	<0.82	<0.82	<0.82	<0.82	<1.6	<0.82	<1.6	<8.2
		7.5	7/15/2016	<0.77	<0.77	<0.77	<0.77	<0.77	<1.5	<0.77	<1.5	<7.7
		10	7/15/2016	<0.81	<0.81	<0.81	<0.81	<0.81	<1.6	<0.81	<1.6	<8.1
	U4U5-35	1	7/15/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<2.2	<11
			7/15/2016 (FD)	<0.73	<0.73	<0.73	<0.73	<0.73	<1.5	<0.73	<1.5	<7.3
		2.5	7/15/2016	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<1.7	<8.3
		5	7/15/2016	<0.64	<0.64	<0.64	<0.64	<0.64	<1.3	<0.64	<1.3	<6.4
		7.5	7/15/2016	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<1.8	<8.9
	U4U5-44	1	7/14/2016	<0.70	<0.70	<0.70	<0.70	<0.70	<1.4	<0.70	<1.4	<7.0
		2.5	7/14/2016	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<1.7	<8.3
		5	7/14/2016	<0.86	<0.86	<0.86	<0.86	<0.86	<1.7	<0.86	<1.7	<8.6
		7.5	7/14/2016	<0.88	<0.88	<0.88	<0.88	<0.88	<1.8	<0.88	<1.8	<8.8
		10	7/14/2016	<0.81	<0.81	<0.81	<0.81	<0.81	<1.6	<0.81	<1.6	<8.1
	U4U5-52	1	7/01/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<10
		2.5	7/01/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<2.1	<10
		5	7/01/2016	<0.88	<0.88	<0.88	<0.88	<0.88	<1.8	<0.88	<1.8	<8.8
		7.5	7/01/2016	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4	<1.2	<2.4	<12
		10	7/01/2016	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<1.7	<8.3
	U4U5-54	1	7/01/2016	<0.85	<0.85	<0.85	<0.85	<0.85	<1.7	<0.85	<1.7	<8.5
		2.5	7/01/2016	<1.3	<1.3	<1.3	<1.3	<1.3	<2.6	<1.3	<2.6	<13
		5	7/05/2016	<0.89	<0.89	<0.89	<0.89	<0.89	<1.8	<0.89	<1.8	<8.9
		7.5	7/05/2016	<0.71	<0.71	<0.71	<0.71	<0.71	<1.4	<0.71	<1.4	<7.1
		10	7/05/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<2.3	<11
	U4U5-68	1	12/07/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<10
		2.5	12/07/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<2.1	<11
		5	12/07/2016	<0.92	<0.92	<0.92	<0.92	<0.92	<1.8	<0.92	<1.8	<9.2
		7.5	12/07/2016	<0.91	<0.91	<0.91	<0.91	<0.91	<1.8	<0.91	<1.8	<9.1
		10	12/07/2016	<0.84	<0.84	<0.84	<0.84	<0.84	<1.7	<0.84	<1.7	<8.4
	U4U5-71	1	11/10/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<2.1	<10
		2.5	11/10/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<2.1	**90 J**

Table A-3d. SOIL ANALYTICAL RESULTS, ECA GROUP BE
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)								
				Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	Xylenes (total)	tert Butyl alcohol
			HSSL:	1,230,000	121	219,000	182,000	1,870	--	434,000	260,000	7,270,000
Unit Buildings 4 and 5 Investigation	U4U5-71	5	11/10/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<2.1	<11
		7.5	11/10/2016	**1.5 J**	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<2.3	<11
		10	11/10/2016	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<1.9	<9.5
	U4U5-73	1	12/06/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<2.1	<11
		2.5	12/06/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<2.1	<11
		5	12/06/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<2.1	<11
		7.5	12/06/2016	<1.1	<1.1	<1.1	<1.1	<1.1	<2.1	<1.1	<2.1	<11
		10	12/06/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<2.1	<1.0	<2.1	<10
	U4U5-74	1	9/19/2017	<0.61	<0.61	**7.9 J+**	**4.6 J+**	<0.61	<1.2	<0.61	<1.2	**32 J**
		2.5	9/19/2017	<0.96	<0.96	<0.96	<0.96	<0.96	<1.9	<0.96	<1.9	<9.6
		5	9/19/2017	<0.61	<0.61	<0.61	<0.61	<0.61	<1.2	<0.61	<1.2	<6.1
		7.5	9/19/2017	<0.80	<0.80	<0.80	<0.80	<0.80	<1.6	<0.80	<1.6	**14 J**
		10	9/19/2017	<0.48	<0.48	<0.48	<0.48	<0.48	<0.96	<0.48	<0.96	**7.0 NJ**
	U4U5-76	1	10/04/2017	<1.3	<1.3	<1.3	<1.3	<1.3	<2.6	<1.3	<2.6	<13
		2.5	10/04/2017	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<2.3	<11
		5	10/04/2017	<2.6	<2.6	<2.6	<2.6	<2.6	<5.2	<2.6	<5.2	**140 J**
		7.5	10/04/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	**20 J**
		10	10/04/2017	<0.95	<0.95	**3.5**	**0.97 J**	<0.95	**29**	**10**	**39**	<9.5
	U4U5-77	1	10/05/2017	<0.84	<0.84	<0.84	<0.84	<0.84	<1.7	<0.84	<1.7	<8.4
		2.5	10/05/2017	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<1.9	<9.4
		5	10/05/2017	<0.85	<0.85	<0.85	<0.85	<0.85	<1.7	<0.85	<1.7	<8.5
		7.5	10/05/2017	<0.79	<0.79	**1.6**	**0.95 J**	<0.79	<1.6	<0.79	<1.6	<7.9
		10	10/05/2017	<0.87	<0.87	<0.87	<0.87	<0.87	<1.7	<0.87	<1.7	<8.7

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-3e. SOIL ANALYTICAL RESULTS, ECA GROUP BE
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Acenaphthene	Acenaphthylene	Aniline	Anthracene	Benzidine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	Benzyl alcohol	4-Bromophenyl-phenyl ether	Butylbenzylphthalate	4-Chloroaniline	2-Chloronaphthalene	2-Chlorophenol	4-Chlorophenyl-phenyl ether	Chrysene	Di-n-butylphthalate
			HSSL:	118,000	44,000	619,000	4,260	15.3	9,980	3,500	35,000	25,100,000	350,000	100,000,000	91,200,000	--	1,860,000	17,600	175,000	6,490,000	--	3,500,000	91,200,000
Phase B	RSAR8	1 - 2.5	10/23/2009	<1.1	<0.78	--	<1.3	--	**5.3 J**	**6.4 J**	**8.6**	**6.8 J**	**5.7 J**	--	--	--	**8.6 J**	--	--	--	--	**8.9**	<35
	SA-34	1 - 2.5	10/26/2009	<1.1	<0.79	--	<1.3	--	<0.61	<0.72	<1.2	<1.3	<0.88	--	--	--	<2.5	--	--	--	--	<1.1	**61 J**
	SA-59	1 - 2.5	8/28/2009	<1.1	<0.77	--	<1.3	--	**4.3 J**	**7.5**	<1.2	**5.0 J**	<0.86	--	--	--	<2.5	--	--	--	--	**5.0 J**	<35
	SA-68	1.5 - 3	8/31/2009	<5.4	<4.0	--	<6.4	--	**9.1 J**	<3.6	<6.0	<6.4	<4.4	--	--	--	<13	--	--	--	--	**13 J**	<180
	SA-112	1 - 2.5	10/22/2009	<5.0	**5.1 J**	--	**12 J**	--	**36**	**32 J**	**51**	**37**	**34 J**	--	--	--	<12	--	--	--	--	**56**	<170
Pre-Excavation	SA-33	0.5 - 1	6/17/2010	<41	<68	--	<68	--	<81	<81	<110	<64	<160	--	--	--	<170	--	--	--	--	<110	<120
	SA-68	1 - 1.5	6/21/2010	<45	<74	--	<74	--	<87	<87	<110	<69	<170	--	--	--	<190	--	--	--	--	<120	<130
	SSAR7-02	1 - 2	4/27/2010	<11	<18	--	<18	--	<21	<21	<28	<17	<42	--	--	--	<45	--	--	--	--	<28	<30
2011 Removal Action	EE-B21-1	5.5	5/17/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phase 1 RI	M-190	0.5 - 1	12/05/2014	<72	<75	<92	<86	<710	<75	<72	<75	<120	<75	<370	<160	<81	<86	<140	<72	<75	<92	<81	<97
		5 - 5.5	12/05/2014	<72	<75	<91	<86	<710	<75	<72	<75	<120	<75	<370	<160	<81	<86	<140	<72	<75	<91	<81	<97
	M-193	0.5 - 1	12/04/2014	<220	<230	<280	<260	<2,100	<230	<220	<230	<360	<230	--	<490	<240	<260	<430	<220	<230	<280	<240	<290
		5 - 5.5	12/04/2014	<72	<75	<91	<86	<710	<75	<72	<75	<120	<75	<360	<160	<80	<86	<140	<72	<75	<91	<80	<97

Notes:
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ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-3e. SOIL ANALYTICAL RESULTS, ECA GROUP BE
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Di-n-octylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	3,3'-Dichlorobenzidine	2,4-Dichlorophenol	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,4-Dioxane	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	1-Methylnaphthalene
			HSSL:	9,120,000	3,500	171,000	7,840	2,740,000	100,000,000	18,200,000	100,000,000	1,820,000	11,400	2,350	27,200	33,500,000	93,100	231	7,460	8,470	35,000	3,710,000	770
Phase B	RSAR8	1 - 2.5	10/23/2009	<1.2	<0.80	--	--	--	<130	--	<0.93	--	--	--	<5.2	**8.6**	<0.72	<0.88	--	--	**5.7 J**	--	--
	SA-34	1 - 2.5	10/26/2009	<1.2	<0.82	--	--	--	<130	--	**3.6 J**	--	--	--	5.3 UJ	<1.5	<0.74	<0.89	--	--	<0.95	--	--
	SA-59	1 - 2.5	8/28/2009	<1.2	<0.80	--	--	--	<130	--	<0.93	--	--	--	<5.2	**7.8**	<0.72	<0.88	--	--	**5.7 J**	--	--
	SA-68	1.5 - 3	8/31/2009	<5.8	<4.1	--	--	--	<630	--	<4.8	--	--	--	<27	**13 J**	<3.7	**770**	--	--	**9.1 J**	--	--
	SA-112	1 - 2.5	10/22/2009	<5.4	<3.9	--	--	--	<590	--	<4.5	--	--	--	<25	**49**	<3.5	**10 J**	--	--	**29 J**	--	--
Pre-Excavation	SA-33	0.5 - 1	6/17/2010	<58	<77	--	--	--	<100	--	<93	--	--	--	<270	<150	<73	**650 J**	--	--	<89	--	--
	SA-68	1 - 1.5	6/21/2010	<62	<82	--	--	--	<110	--	<100	--	--	--	<290	<160	<78	**190 J**	--	--	<95	--	--
	SSAR7-02	1 - 2	4/27/2010	<15	<20	--	--	--	<27	--	<24	--	--	--	<69	<38	<19	<30	--	--	<23	--	--
2011 Removal Action	EE-B21-1	5.5	5/17/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<98	--	--	--	--	--
Phase 1 RI	M-190	0.5 - 1	12/05/2014	<97	<110	<72	<160	<72	<100	<140	<72	<360	<86	<100	--	<75	<75	<75	<140	<140	<140	<72	<160
		5 - 5.5	12/05/2014	<97	<110	<72	<160	<72	<100	<140	<72	<360	<86	<100	--	<75	<75	<75	<140	<140	<140	<72	<160
	M-193	0.5 - 1	12/04/2014	<290	<320	<220	<490	<220	<310	<420	<220	<1,100	<260	<310	--	<230	<230	<230	<430	<430	<420	<220	<490
		5 - 5.5	12/04/2014	<97	<110	<72	<160	<72	<100	<140	<72	<350	<86	<100	--	<75	<75	<75	<140	<140	<140	<72	<160

Notes:
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J- : Estimated value, potential negative bias
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UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-3e. SOIL ANALYTICAL RESULTS, ECA GROUP BE
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				2-Methylnaphthalene	2-Methylphenol	3&4-Methylphenol	Naphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Nitrobenzene	2-Nitrophenol	4-Nitrophenol	n-Nitrosodiphenylamine	Octachlorostyrene	Pentachlorophenol	Phenanthrene	Phenol	Phthalic acid	Pyrene	Pyridine	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol
			HSSL:	368,000	45,600,000	16,000,000	11,300	8,840,000	--	176,000	22,500	--	7,290,000	720,000	--	8,450	24,500	100,000,000	100,000,000	44,000	1,300,000	91,200,000	321,000
Phase B	RSAR8	1 - 2.5	10/23/2009	<0.59	--	--	<0.88	--	--	--	<1.9	--	--	--	<3.7	--	<1.9	--	--	**8.2**	<28	--	--
	SA-34	1 - 2.5	10/26/2009	<0.60	--	--	<0.90	--	--	--	<1.9	--	--	--	<3.7	--	<1.9	--	--	<1.1	<29	--	--
	SA-59	1 - 2.5	8/28/2009	<0.59	--	--	<0.88	--	--	--	<1.9	--	--	--	<3.7	--	**2.5 J**	--	--	**7.1**	<28	--	--
	SA-68	1.5 - 3	8/31/2009	<3.0	--	--	<4.5	--	--	--	<9.4	--	--	--	**150**	--	<9.5	--	--	**9.1 J**	<150	--	--
	SA-112	1 - 2.5	10/22/2009	<2.8	--	--	<4.2	--	--	--	<8.8	--	--	--	<18	--	**10 J**	--	--	**54**	<140	--	--
Pre-Excavation	SA-33	0.5 - 1	6/17/2010	<77	--	--	<120	--	--	--	<89	--	--	--	<230	--	<68	--	--	**63 J**	<520	--	--
	SA-68	1 - 1.5	6/21/2010	<82	--	--	<130	--	--	--	<95	--	--	--	<250	--	<74	--	--	<52	<560	--	--
	SSAR7-02	1 - 2	4/27/2010	<20	--	--	<33	--	--	--	<23	--	--	--	<60	--	<18	--	--	<13	<140	--	--
2011 Removal Action	EE-B21-1	5.5	5/17/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phase 1 RI	M-190	0.5 - 1	12/05/2014	<75	<86	<140	<72	<72	<140	<140	<75	<140	<150	<86	<2,500	<370	<72	<97	--	<86	<160	<140	<81
		5 - 5.5	12/05/2014	<75	<86	<140	<72	<72	<140	<140	<75	<140	<150	<86	<2,500	<370	<72	<97	--	<86	<160	<140	<81
	M-193	0.5 - 1	12/04/2014	<230	<260	<430	<220	<220	<430	<430	<230	<430	<450	<260	<7,500	<1,100	<220	<290	<4,100	<260	<490	<420	<240
		5 - 5.5	12/04/2014	<75	<86	<140	<72	<72	<140	<140	<75	<140	<150	<86	<2,500	<360	<72	<97	<1,300	<86	<160	<140	<80

Notes:
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J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-3e. SOIL ANALYTICAL RESULTS, ECA GROUP BE
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)				
				bis(2-Chloroethoxy) methane	bis(2-Chloroethyl) ether	bis(2-Ethylhexyl)phthalate	4-Chloro-3-methylphenol	n-Nitroso-di-n-propylamine
			HSSL:	2,740,000	1,150	252,000	91,200,000	504
Phase B	RSAR8	1 - 2.5	10/23/2009	--	--	<140	--	--
	SA-34	1 - 2.5	10/26/2009	--	--	<140	--	--
	SA-59	1 - 2.5	8/28/2009	--	--	<140	--	--
	SA-68	1.5 - 3	8/31/2009	--	--	<690	--	--
	SA-112	1 - 2.5	10/22/2009	--	--	<650	--	--
Pre-Excavation	SA-33	0.5 - 1	6/17/2010	--	--	<190	--	--
	SA-68	1 - 1.5	6/21/2010	--	--	<200	--	--
	SSAR7-02	1 - 2	4/27/2010	--	--	**68 J**	--	--
2011 Removal Action	EE-B21-1	5.5	5/17/2011	--	--	--	--	--
Phase 1 RI	M-190	0.5 - 1	12/05/2014	<140	<75	<97	<75	<75
		5 - 5.5	12/05/2014	<140	<75	<97	<75	<75
	M-193	0.5 - 1	12/04/2014	<430	<230	<290	<230	<230
		5 - 5.5	12/04/2014	<140	<75	<97	<75	<75

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
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Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-3f. SOIL ANALYTICAL RESULTS, ECA GROUP BE
PAHs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PAHs (µg/kg)															
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
			HSSL:	118,000	44,000	4,260	9,980	3,500	35,000	25,100,000	350,000	3,500,000	3,500	33,500,000	93,100	35,000	11,300	24,500	44,000
Phase 1 RI	M-190	0.5 - 1	12/05/2014	<4.3	<4.3	<4.3	**5.1 J**	**5.0 J**	**12 J**	**6.2 J**	<4.3	**9.4 J**	<4.3	**5.5 J**	<4.3	**6.5 J**	<4.3	<4.3	**5.8 J**
		5 - 5.5	12/05/2014	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2
	M-193	0.5 - 1	12/04/2014	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4
		5 - 5.5	12/04/2014	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-3g. SOIL ANALYTICAL RESULTS, ECA GROUP BE
PCBs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PCBs (µg/kg)						
				Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260
			HSSL:	45,200	1,280	1,060	1,550	1,560	1,600	1,650
Phase B	RSAR8	1 - 2.5	10/23/2009	<19	<41	<19	<28	<19	<19	<33
	SA-33	0.5 - 1	9/08/2009	<18	<39	<18	<27	<18	<18	**270 J+**
		1 - 2.5	10/20/2009	<18	<39	<18	<27	<18	<18	**320 J+**
			10/20/2009 (FD)	<35	<77	<35	<53	<35	<35	**510 J+**
	SA-59	1 - 2.5	8/28/2009	<19	<41	<19	<28	<19	<19	<33
	SA-112	0.5	8/25/2009	<18	<39	<18	<27	<18	<18	**51**
		1 - 2.5	10/22/2009	<18	<39	<18	<27	<18	<18	**150**
Phase 1 RI	M-190	0.5 - 1	12/05/2014	--	--	--	--	--	--	**68 J+**
		5 - 5.5	12/05/2014	--	--	--	--	--	--	**21 J**
	M-193	0.5 - 1	12/04/2014	--	--	--	--	--	--	<56
		5 - 5.5	12/04/2014	--	--	--	--	--	--	<18
Unit Buildings 4 and 5 Investigation	U4U5-1	1	10/28/2015	<19	<19	<19	<19	<19	<19	<19
		2.5	10/28/2015	<18	<18	<18	<18	<18	<18	<18
		5	10/28/2015	<20	<20	<20	<20	<20	<20	<20

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
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Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-3h. SOIL ANALYTICAL RESULTS, ECA GROUP BE
Dioxins/Furans (pg/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Dioxins/Furans (pg/g)																
				TCDD	PeCDD	1,4-HxCDD	1,6-HxCDD	1,9-HxCDD	1,4,6-HpCDD	OCDD	TCDF	1-PeCDF	4-PeCDF	1,4-HxCDF	1,6-HxCDF	1,9-HxCDF	4,6-HxCDF	1,4,6-HpCDF	1,4,9-HpCDF	OCDF	Total Dioxin/Furan TEQ (Calculated)
			HSSL:	26.7	--	--	--	581	--	--	--	--	--	--	--	--	--	--	--	--	2,700
Phase B	RSAR8	1 - 2.5	10/23/2009	<0.50	<2.5	<2.5	**0.40 J**	**0.48 JK**	**0.65 J**	**3.7 J**	**0.26 JK**	**0.35 J**	**0.27 JK**	<2.5	<2.5	<2.5	<2.5	**1.4 J**	**0.35 JK**	**2.9 J**	--
	SA-33	1 - 2.5	10/20/2009	**20**	**70**	**45**	**97**	**110**	**350**	**520 J**	**540**	**900**	**420**	**1,900**	**1,300**	**90 J**	**360**	**4,600 J**	**1,700**	**12,000**	--
			10/20/2009 (FD)	**17**	**54**	**32**	**65**	**69**	**210**	**220 J**	**470**	**670**	**370**	**1,400**	**930**	**150 J**	**260**	**2,700 J**	**1,300**	**7,500**	--
	SA-34	1 - 2.5	10/26/2009	<0.52	<2.6	<2.6	<2.6	<2.6	<2.6	**0.77 J**	**0.11 JK**	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	**0.17 JK**	<2.6	**0.75 J**	--
	SA-59	1 - 2.5	8/28/2009	<0.124	<0.126	<0.119	<0.113	<0.116	**1.80 J**	**14.9**	**3.15**	**1.42 J**	**1.80 J**	**3.34**	**2.03 J**	**0.280 J**	**1.23 J**	**5.87**	**1.87 J**	**23.4**	**1.69**
	SA-68	1.5 - 3	8/31/2009	**26.4**	**80.1**	**68.0**	**126**	**143**	**492**	**507**	**800**	**723**	**359**	**1,930**	**1,090**	**283**	**181**	**3,010**	**1,390**	**10,300**	**721**
	SA-112	1 - 2.5	10/22/2009	**0.80**	**1.7 JK**	**1.1 J**	**2.1 J**	**2.1 J**	**8.6**	**19 J**	**26**	**26**	**14**	**37**	**24**	**3.8**	**7.0**	**77**	**34**	**180**	--
	SA-132	1 - 2.5	10/23/2009	<0.55	<2.7	<2.7	<2.7	<2.7	<2.7	**1.7 JK**	**0.27 J**	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	**0.46 JK**	<2.7	**1.1 J**	--
Pre-Excavation	SA-33	0.5 - 1	6/17/2010	**5.8**	**19**	**17**	**30**	**20**	**150**	**650**	**170**	**310**	**170**	**430**	**330**	**67**	**97**	**1,300 J**	**610**	**3,900 J**	**220**
	SA-68	1 - 1.5	6/21/2010	**11**	**38**	**33**	**61**	**52**	**210**	**280**	**260 J**	**580**	**320**	**1,200 J**	**630**	**130**	**180**	**2,700 J**	**1,200 J**	**6,700 J**	**460**
Phase 1 RI	M-190	0.5 - 1	12/05/2014	**3.1**	**12**	**9.5**	**25**	**24**	**92**	**190**	**97**	**190**	**85**	**430**	**250**	<32	**65**	**1,100**	**340**	**2,800**	**150**
		5 - 5.5	12/05/2014	<0.10	<0.16	<0.14	<0.12	<0.11	**0.71 J**	**9.6 J**	**0.25 J**	<0.19	<0.19	**0.69 J**	**0.58 J**	<0.18	<0.16	**2.1 J**	**0.41 J**	**5.3 J**	**0.39**
	M-193	0.5 - 1	12/04/2014	<0.053	<0.14	<0.12	<0.096	<0.091	**0.41 J**	**1.6 J**	**0.86 J**	**0.81 J**	**0.31 J**	**1.5 J**	**1.2 J**	<0.21	**0.46 J**	**3.3 J**	**1.4 J**	**19**	**0.70**
		5 - 5.5	12/04/2014	<0.045	<0.12	<0.087	<0.071	<0.068	<0.10	**0.58 J**	<0.029	<0.074	<0.076	<0.065	<0.052	<0.063	<0.059	<0.11	<0.14	**0.44 J**	**0.12**
Unit Buildings 4 and 5 Investigation	U4U5-1	1	10/28/2015	<0.046	<0.062	<0.040	**0.13 J**	**0.13 J**	**0.39 J**	**1.8 J**	**0.25 J**	**0.26 J**	<0.085	**0.54 J**	**0.39 J**	<0.080	<0.076	**1.5 J**	<0.078	**4.7 J**	--
		2.5	10/28/2015	<0.047	<0.061	<0.043	<0.035	<0.033	**0.16 J**	**0.62 J**	**0.066 J**	<0.048	<0.050	**0.19 J**	**0.12 J**	<0.063	<0.060	**0.35 J**	**0.17 J**	**1.0 J**	--
		5	10/28/2015	<0.038	<0.058	<0.038	**0.093 J**	**0.14 J**	**0.14 J**	**2.2 J**	**0.072 J**	<0.042	<0.044	**0.17 J**	**0.077 J**	<0.052	<0.050	**0.28 J**	<0.051	**0.68 J**	--

Notes:
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Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-3i. SOIL ANALYTICAL RESULTS, ECA GROUP BE
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)																		
				Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	Chlordane (total)	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	2,4'-DDE	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor
			HSSL:	205	274,000	54,700	333,000	11,100	--	500,000	500,000	14,700	--	10,300	10,600	220	--	--	4,900,000	274,000	--	--	696
Phase B	RSAR8	1 - 2.5	10/23/2009	<0.90	<0.90	<0.90	<0.90	<0.90	<4.5	<0.90	<0.90	<1.8	--	<1.8	<1.8	<1.8	<0.90	<1.8	<1.8	<1.8	<1.8	<1.8	<0.90
	SA-132	1 - 2.5	10/23/2009	<0.93	<0.93	<0.93	<0.93	<0.93	<4.6	<0.93	<0.93	<1.9	--	<1.9	<1.9	<1.9	<0.93	<1.9	<1.9	<1.9	<1.9	<1.9	<0.93
Phase 1 RI	M-190	0.5 - 1	12/05/2014	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.2	<1.6	<1.6	**1.7 J**	**30**	**19**	<1.6	<1.6	<1.6	<2.2	<1.6	<1.6	<2.2	<2.2
		5 - 5.5	12/05/2014	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.1	<1.6	<1.6	<1.6	**15**	**10**	<1.6	<1.6	<1.6	<2.1	<1.6	<1.6	<2.1	<2.1
	M-193	0.5 - 1	12/04/2014	<5.0	<5.0	<5.0	<5.0	<5.0	--	<6.6	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<6.6	<5.0	<5.0	<6.6	<6.6
		5 - 5.5	12/04/2014	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.2	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<2.2	<1.6	<1.6	<2.2	<2.2

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-3i. SOIL ANALYTICAL RESULTS, ECA GROUP BE
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)			
				Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Toxaphene
			HSSL:	366	231	4,560,000	3,210
Phase B	RSAR8	1 - 2.5	10/23/2009	<0.90	**1.3 J**	<9.0	<18
	SA-132	1 - 2.5	10/23/2009	<0.93	**5.4**	<9.2	<19
Phase 1 RI	M-190	0.5 - 1	12/05/2014	<2.2	--	<1.6	<54
		5 - 5.5	12/05/2014	<2.1	--	<1.6	<53
	M-193	0.5 - 1	12/04/2014	<6.6	--	<5.0	<170
		5 - 5.5	12/04/2014	<2.2	--	<1.6	<54

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-3j. SOIL ANALYTICAL RESULTS, ECA GROUP BE
Pesticides - OPPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OPPs (µg/kg)																		
				Atrazine	Chlorpyrifos	Coumaphos	Dasanit	Demeton (O + S)	Demeton-O	Demeton-S	Diazinon	Dichlorovos	Dimethoate	Disulfoton	EPN	Ethoprop	Famphur	Fenthion	Guthion	Malathion	Merphos	Methyl parathion	Mevinphos
			HSSL:	15,300	912,000	--	--	36,500	--	--	638,000	12,200	2,010,000	36,500	9,120	--	--	--	2,740,000	18,200,000	1,030	228,000	--
Phase 1 RI	M-190	0.5 - 1	12/05/2014	<13	<7.0	<3.1	<8.9	<8.2	<5.8	<5.3	<7.9	<8.1	<7.7	<8.4	<4.0	<5.4	<3.5	<9.5	<3.8	<5.1	<5.6	<6.9	<5.0
		5 - 5.5	12/05/2014	<13	<6.8	<2.9	<8.5	<7.9	<5.5	<5.1	<7.6	<7.7	<7.4	<8.1	<3.9	<5.2	<3.4	<9.1	<3.7	<4.9	<5.4	<6.7	<4.8
	M-193	0.5 - 1	12/04/2014	13 UJ	7.2 UJ	3.1 UJ	9.0 UJ	8.3 UJ	5.9 UJ	5.4 UJ	8.0 UJ	8.2 UJ	7.8 UJ	8.6 UJ	4.1 UJ	5.5 UJ	3.6 UJ	9.7 UJ	3.9 UJ	5.1 UJ	5.7 UJ	7.1 UJ	5.1 UJ
		5 - 5.5	12/04/2014	<12	<6.6	<2.9	<8.3	<7.7	<5.4	<5.0	<7.4	<7.6	<7.2	<7.9	<3.8	<5.0	<3.3	<8.9	<3.6	<4.7	<5.3	<6.5	<4.7

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-3j. SOIL ANALYTICAL RESULTS, ECA GROUP BE
Pesticides - OPPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OPPs (µg/kg)										
				Naled	Parathion	Phorate	Prothiophos	Ronnel	Simazine	Stirophos	Sulfotepp	Sulprofos	Thionazin	Trichloronate
			HSSL:	1,290	5,470,000	182,000	--	26,800	29,400	147,000	456,000	--	--	--
Phase 1 RI	M-190	0.5 - 1	12/05/2014	<25	<5.8	<6.2	<4.3	<17	<24	<4.8	<6.8	<4.6	<6.1	<6.8
		5 - 5.5	12/05/2014	<24	<5.5	<6.0	<4.1	<16	<23	<4.6	<6.6	<4.4	<5.8	<6.5
	M-193	0.5 - 1	12/04/2014	25 UJ	5.9 UJ	6.3 UJ	4.3 UJ	17 UJ	24 UJ	4.8 UJ	6.9 UJ	4.7 UJ	6.2 UJ	6.9 UJ
		5 - 5.5	12/04/2014	<23	<5.4	<5.8	<4.0	<16	<23	<4.5	<6.4	<4.3	<5.7	<6.4

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-3k. SOIL ANALYTICAL RESULTS, ECA GROUP BE
Petroleum Indicators (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Petroleum Indicators (mg/kg)					
				Gasoline Range Organics	Diesel Range Organics	Petroleum Hydrocarbons	Diesel Range Organics	Petroleum Hydrocarbons	Extractable Fuel Hydrocarbons
			HSSL:	--	--	--	--	--	--
Phase B	RSAR8	1 - 2.5	10/23/2009	--	**47**	**37 J**	**47**	**37 J**	--
	SA-33	1 - 2.5	10/20/2009	--	<41	<41	<41	<41	--
			10/20/2009 (FD)	--	**34 J**	<40	**34 J**	<40	--
	SA-34	1 - 2.5	10/26/2009	--	<44	<44	<44	<44	--
	SA-59	1 - 2.5	8/28/2009	--	<43	<43	<43	<43	--
	SA-68	1.5 - 3	8/31/2009	--	<44	<44	<44	<44	--
	SA-112	1 - 2.5	10/22/2009	--	<41	**41**	<41	**41**	--
	SA-132	1 - 2.5	10/23/2009	--	<44	<44	<44	<44	--
Phase 1 RI	M-190	0.5 - 1	12/05/2014	<0.16	**13**	**2.7 J**	**13**	**2.7 J**	**27**
		5 - 5.5	12/05/2014	<0.15	**4.9 J**	**3.0 J**	**4.9 J**	**3.0 J**	**7.9**
	M-193	0.5 - 1	12/04/2014	<0.15	**4.3 J**	**4.6 J**	**4.3 J**	**4.6 J**	**8.4**
		5 - 5.5	12/04/2014	<0.15	<2.7	<2.7	<2.7	<2.7	<2.7

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-3m. SOIL ANALYTICAL RESULTS, ECA GROUP BE
Asbestos (s/samp)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Asbestos (s/samp)								
				Long Amphibole Protocol Structures Count	Long Asbestos Protocol Structures Count	Long Chrysotile Protocol Structures Count	Short Amphibole Structures Counts	Short Asbestos Structures Counts	Short Chrysotile Structures Counts	Total Amphibole Protocol Structures Count	Total Asbestos Protocol Structures Count	Total Chrysotile Protocol Structures Count
			HSSL:	0	--	5	--	--	--	--	--	--
Phase B	RSAR8	0.5 - 1	10/02/2009	0	0	0	0	0	0	0	0	0
	SA-33	0.5 - 1	9/08/2009	0	0	0	0	0	0	0	0	0
	SA-112	0.5	8/25/2009	0	0	0	0	0	0	0	0	0
	SA-132	0.5 - 1	10/02/2009	0	0	0	0	0	0	0	0	0
Pre-Excavation	SSAR8-01	1.5	5/11/2010	0	2	2	0	0	0	0	2	2
	SSAR8-02	0 - 0.2	8/11/2010	0	0	0	0	0	0	0	0	0
			8/11/2010 (FD)	0	0	0	0	0	0	0	0	0

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
s/samp: strands per sample
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-4a. SOIL ANALYTICAL RESULTS, ECA C1
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)												
				Ammonia	Bromide	Carbonate as CO_3	Chlorate	Chloride	Chromium (total)	Chromium VI	Cyanide (total)	Nitrate (as NO_3)	Nitrite	Perchlorate	Sulfate
			HSSL:	27,900	--	--	38,900	--	100,000	564	164	100,000	120,000	908	--
Phase B	SA-56	0	6/10/2009	<0.061	<0.2	<3	**1.31**	**406 J+**	**7.43**	<0.18	<0.42	**290 J+**	<0.08	**9.29**	**941**
		8 - 9.5	7/21/2009	<0.061	**2.5**	<3	<0.043	**357 J+**	**5.51**	<0.19	<0.42	**210 J+**	<0.08	**0.108**	**979**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-4b. SOIL ANALYTICAL RESULTS, ECA C1
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)																		
				Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Phosphorus (total)	Platinum	Potassium
			HSSL:	100,000	3,450	7.2	100,000	6,130	100,000	8,180	--	385	51,900	100,000	800	100,000	100,000	3.13	6,490	50,300	100,000	5,190	--
Phase B	SA-56	0	6/10/2009	**7,010**	**24.9 J-**	**50.7**	**6,760**	**1.49**	**4.9 J**	**0.37**	**25,100 J**	**47.3**	**78.4**	**11,800 J**	**425**	**8,620**	**61,400 J**	**0.079**	**82.2**	**13.2 J**	**651**	<0.01	**2,510**
		8 - 9.5	7/21/2009	**6,660**	0.5 UJ	**1.76**	**170**	**0.439**	**9.1 J**	<0.04	**23,700**	**6.3**	**16.5**	**12,400**	**9**	**6,540 J**	**367 J+**	**0.007 J**	**0.51**	**12.5 J**	**1,150**	<0.007	**1,780**
Pre-Excavation	SA-56	0	4/28/2010	--	--	**26**	--	--	--	--	--	--	--	--	--	--	**26,000**	--	--	--	--	--	--
		0 - 1	4/28/2010	--	--	**3.4**	--	--	--	--	--	--	--	--	--	--	**560**	--	--	--	--	--	--
			4/28/2010 (FD)	--	--	**3.3**	--	--	--	--	--	--	--	--	--	--	**530**	--	--	--	--	--	--
		1 - 2	4/12/2010	--	--	**2.9**	--	--	--	--	--	--	--	--	--	--	**330**	--	--	--	--	--	--
			4/12/2010 (FD)	--	--	**2.9**	--	--	--	--	--	--	--	--	--	--	**270**	--	--	--	--	--	--
		3 - 4	4/12/2010	--	--	**3.5**	--	--	--	--	--	--	--	--	--	--	**390**	--	--	--	--	--	--
	SSAN2-03	1 - 2	10/13/2010	--	--	**2.5**	--	--	--	--	--	--	--	--	--	--	**300**	--	--	--	--	--	--
		2 - 3	10/13/2010	--	--	**2.5**	--	--	--	--	--	--	--	--	--	--	**390**	--	--	--	--	--	--
		3 - 4	10/13/2010	--	--	**32**	--	--	--	--	--	--	--	--	--	--	**24,000**	--	--	--	--	--	--
		4 - 5	10/13/2010	--	--	**2.6**	--	--	--	--	--	--	--	--	--	--	**630**	--	--	--	--	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-4b. SOIL ANALYTICAL RESULTS, ECA C1
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)										
				Selenium	Silver	Sodium	Strontium	Thallium	Tin	Titanium	Tungsten	Uranium (total)	Vanadium	Zinc
			HSSL:	6,490	100,000	--	100,000	13	100,000	100,000	1,040	3,830	100,000	100,000
Phase B	SA-56	0	6/10/2009	<40	**1.4**	**777**	**1,200**	**61.8**	**3.4 J**	**685**	**48.4 J-**	**7.56**	**93.3**	**115 J**
		8 - 9.5	7/21/2009	<0.7	<0.2	**642**	**163**	**0.087**	**4.3 J**	**563**	**0.34 J-**	**0.844**	**34**	**28 J**
Pre-Excavation	SA-56	0	4/28/2010	--	--	--	--	--	--	--	--	--	--	--
		0 - 1	4/28/2010	--	--	--	--	--	--	--	--	--	--	--
			4/28/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--
		1 - 2	4/12/2010	--	--	--	--	--	--	--	--	--	--	--
			4/12/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--
		3 - 4	4/12/2010	--	--	--	--	--	--	--	--	--	--	--
	SSAN2-03	1 - 2	10/13/2010	--	--	--	--	--	--	--	--	--	--	--
		2 - 3	10/13/2010	--	--	--	--	--	--	--	--	--	--	--
		3 - 4	10/13/2010	--	--	--	--	--	--	--	--	--	--	--
		4 - 5	10/13/2010	--	--	--	--	--	--	--	--	--	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-4c. SOIL ANALYTICAL RESULTS, ECA C1
Radionuclides (pCi/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Radionuclides (pCi/g)							
				Radium-226	Radium-228	Thorium-228	Thorium-230	Thorium-232	Uranium-234	Uranium-235	Uranium-238
			HSSL:	0.023	0.046	0.026	14	13	18	0.33	1.5
Phase B	SA-56	0	6/10/2009	**0.197 UJ**	**0.784**	**1.55**	**2.33**	**1.19 J**	**2.35**	**0.142**	**2.28**
		8 - 9.5	7/21/2009	**0.945 J**	**0.665**	**2.24**	**1.22**	**1.93**	**1.05**	**0.0578**	**0.924 J-**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pCi/g: picocuries per gram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: result above minimum detectable activity
Value: result below minimum detectable activity
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-4d. SOIL ANALYTICAL RESULTS, ECA C1
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Acetone	t-Amyl methyl ether	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene
			HSSL:	100,000,000	--	5,310	679,000	628,000	1,300	95,300	30,300	28,400,000	108,000	145,000	183,000	2,960	1,370,000	2,120,000	1,390	464,000	907,000	26,000,000	10,400,000
Phase B	SA-56	0	6/10/2009	**3.1 J**	<0.099	<0.19	<0.27	<0.29	<0.19	<0.38	<0.41	<0.68	<0.52	<0.41	<0.29	<0.41	<0.20	<0.39	**22**	<0.27	<0.40	<0.49	<0.26
		8 - 9.5	7/21/2009	**2.9 J**	<0.091	<0.38	<0.34	<0.34	<0.42	<0.35	<0.64	<0.63	<0.63	<0.54	<0.46	<0.37	<0.40	<0.40	**29**	<0.47	<0.50	<0.45	<0.41

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-4d. SOIL ANALYTICAL RESULTS, ECA C1
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																			
				p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane	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
			HSSL:	147,000	64.9	43,300	168	98,900	376,000	373,000	11,500	368,000	15,800	2,100	20,000	400,000	304,000	11,700	26,000,000	--	--	--	--
Phase B	SA-56	0	6/10/2009	<0.40	<0.62	<0.30	<0.27	<0.30	<0.31	<0.44	<0.53	<0.47	<0.15	<0.24	<0.29	<0.20	<0.28	<0.24	<0.27	<0.26	<0.36	<0.27	<0.33
		8 - 9.5	7/21/2009	<0.53	<0.57	<0.28	<0.25	<0.28	<0.32	<0.43	<0.58	<0.43	<0.38	<0.29	<0.31	<0.26	<0.43	<0.32	<0.30	<0.28	<0.33	<0.28	<0.31

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-4d. SOIL ANALYTICAL RESULTS, ECA C1
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Diisopropyl ether	Ethyl benzene	Ethyl tert-butyl ether	Hexachlorobutadiene	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	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
			HSSL:	2,260,000	26,600	560,000	5,610	1,490,000	217,000	1,130,000	11,300	3,360,000	264,000	867,000	9,070	2,910	107,000	818,000	151,000	125,000	640,000	5,280	6,310
Phase B	SA-56	0	6/10/2009	<0.22	<0.79	<0.22	<0.67	<0.63	<0.20	**1.1 J**	<0.82	<0.59	<0.35	<0.26	<0.22	<0.29	<0.44	**0.32 J**	<0.65	<0.68	<0.19	<0.21	<0.36
		8 - 9.5	7/21/2009	<0.20	<0.73	<0.20	<0.62	<0.59	<0.26	**0.43 J**	<0.75	<0.54	<0.42	<0.37	<0.23	<0.33	<0.41	**0.30 J**	<0.59	<0.73	<0.18	<0.48	<0.33

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
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Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-4d. SOIL ANALYTICAL RESULTS, ECA C1
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)							
				Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	tert Butyl alcohol
			HSSL:	1,230,000	121	219,000	182,000	1,870	--	434,000	7,270,000
Phase B	SA-56	0	6/10/2009	<0.30	<0.48	<0.34	<0.26	<0.21	<0.57	<0.57	<6.3
		8 - 9.5	7/21/2009	<0.28	<0.44	<0.51	<0.43	<0.39	<0.77	<0.52	<5.8

Notes:
(FD): field duplicate
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µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
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< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-4e. SOIL ANALYTICAL RESULTS, ECA C1
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																			
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Butylbenzylphthalate	Chrysene	Di-n-butylphthalate	Di-n-octylphthalate	Dibenz(a,h)anthracene	Diethylphthalate	Dimethylphthalate	1,4-Dioxane	Fluoranthene	Fluorene	Hexachlorobenzene	Indeno(1,2,3-cd)pyrene
			HSSL:	118,000	44,000	4,260	9,980	3,500	35,000	25,100,000	350,000	1,860,000	3,500,000	91,200,000	9,120,000	3,500	100,000,000	100,000,000	27,200	33,500,000	93,100	231	35,000
Phase B	SA-56	0	6/10/2009	<5.1	<3.8	<6.0	<2.9	<3.5	<5.7	<6.1	<4.2	<12	<5.0	<170	<5.5	<3.9	<600	<4.5	<25	<7.1	<3.5	**69**	<4.5
		8 - 9.5	7/21/2009	<1.1	<0.77	<1.3	<0.60	<0.70	<1.2	<1.3	<0.86	<2.5	<1.1	<35	1.2 UJ	<0.80	<130	<0.92	<5.2	<1.5	<0.72	<0.87	<0.92

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-4e. SOIL ANALYTICAL RESULTS, ECA C1
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)							
				2-Methylnaphthalene	Naphthalene	Nitrobenzene	Octachlorostyrene	Phenanthrene	Pyrene	Pyridine	bis(2-Ethylhexyl)phthalate
			HSSL:	368,000	11,300	22,500	--	24,500	44,000	1,300,000	252,000
Phase B	SA-56	0	6/10/2009	<2.9	<4.3	<8.9	18 UJ	<9.0	<5.0	<140	<660
		8 - 9.5	7/21/2009	<0.59	<0.88	<1.9	<3.7	<1.9	<1.1	<28	<140

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

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Bold value: detected result
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Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-4g. SOIL ANALYTICAL RESULTS, ECA C1
PCBs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PCBs (µg/kg)						
				Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260
			HSSL:	45,200	1,280	1,060	1,550	1,560	1,600	1,650
Phase B	SA-56	0	6/10/2009	<18	<40	<18	<27	<18	<18	<32

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

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J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-4h. SOIL ANALYTICAL RESULTS, ECA C1
Dioxins/Furans (pg/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Dioxins/Furans (pg/g)																	
				TCDD	PeCDD	1,4-HxCDD	1,6-HxCDD	1,9-HxCDD	1,4,6-HpCDD	OCDD	TCDF	1-PeCDF	4-PeCDF	1,4-HxCDF	1,6-HxCDF	1,9-HxCDF	4,6-HxCDF	1,4,6-HpCDF	1,4,9-HpCDF	OCDF	Total Dioxin/Furan TEQ (Calculated)
			HSSL:	26.7	--	--	--	581	--	--	--	--	--	--	--	--	--	--	--	--	2,700
Phase B	SA-56	0	6/10/2009	**8.88**	**25.0**	**27.5**	**44.7**	**39.5**	**177**	**361 J**	**353 J**	**1,050 J**	**227**	**2,420 J**	**818 J**	**87.3**	**113**	**1,860 J**	**1,020 J**	**5,730 J**	**556.18**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pg/g: picograms per gram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-4k. SOIL ANALYTICAL RESULTS, ECA C1
Petroleum Indicators (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Petroleum Indicators (mg/kg)		
				Petroleum Hydrocarbons	Gasoline Range Organics	Diesel Range Organics
			HSSL:	--	--	--
Phase B	SA-56	0	6/10/2009	**170**	<4.7	**140**
		8 - 9.5	7/21/2009	<43	<4.0	<43

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-5a. SOIL ANALYTICAL RESULTS, ECA C4
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)													
				Ammonia	Bromide	Carbonate as CO_3	Chlorate	Chloride	Chromium (total)	Chromium VI	Cyanide (total)	Nitrate (as NO_3)	Nitrite	Perchlorate	ortho-Phosphate	Sulfate
			HSSL:	27,900	--	--	38,900	--	100,000	564	164	100,000	120,000	908	--	--
Phase A	SA-10	0.5 - 2	11/07/2006	--	<0.56	--	1.1 UJ	**74.1**	**10.1 J-**	<0.11	<0.13	**1.5 J+**	**0.16 J**	**0.209**	<1.1	**79.4**
		10 - 11.5	11/07/2006	--	<0.55	--	1.1 UJ	**9.0**	**12.0 J-**	<0.11	<0.13	<0.19	<0.044	**0.227**	<1.1	**128 J+**
			11/07/2006 (FD)	--	<0.58	--	1.2 UJ	**11.9**	**11.2 J-**	<0.12	<0.14	<0.2	<0.046	**0.226**	<1.2	**174 J+**
Phase B	RSAO4	0.5 - 2	7/09/2008	<0.41	<0.385	<0.689	**0.282**	**41.2**	**10.9**	<0.101	<0.218	<1.6	<0.001	**0.425**	--	**216**
		10 - 11.5	7/09/2008	<0.41	<0.385	**1,050**	<0.0244	<4.69	**6.66**	<0.101	<0.218	<1.6	<0.001	<0.0244	--	**62.9**
	SA-46	1 - 2.5	7/09/2008	<0.41	<0.385	**333**	<0.162	**29.6**	**7.19**	<0.101	<0.218	<1.6	<0.001	**0.603**	--	**79.7**
	SA-181	0.5 - 2	7/02/2008	<0.41	<0.385	<0.689	<0.26	**42.9**	**8.07**	<0.101	<0.218	**140**	<0.001	**0.301 J**	--	**23.4**
		10 - 11.5	7/02/2008	<0.41	<0.385	<0.689	<0.26	**59.1**	**8.56**	<0.101	<0.218	**140**	<0.001	<0.13	--	**26.6**
	SA-183	0.5 - 2	7/08/2008	<0.41	<0.385	<0.689	**7.28**	**29.8**	**28.9**	<0.101	<0.218	<1.6	<0.001	**1.8**	--	<0.52
		10 - 11.5	7/08/2008	<0.41	<0.385	<0.689	**0.312**	<4.69	**7.84**	<0.101	<0.218	<1.6	<0.001	**0.299**	--	**73.5**
			7/08/2008 (FD)	<0.41	<0.385	<0.689	**0.293**	<4.69	**9.71**	<0.101	<0.218	<1.6	<0.001	**0.336**	--	**69.6**

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J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-5b. SOIL ANALYTICAL RESULTS, ECA C4
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)																		
				Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Phosphorus (total)	Platinum	Potassium
			HSSL:	100,000	3,450	7.2	100,000	6,130	100,000	8,180	--	385	51,900	100,000	800	100,000	100,000	3.13	6,490	50,300	100,000	5,190	--
Phase A	SA-10	0.5 - 2	11/07/2006	**9,380 J**	**0.12 J-**	**2.5**	**129 J**	**0.49**	**3.5 J**	**0.064**	**12,700 J**	**7.5 J-**	**12.6 J**	**14,600 J**	**6.0**	**9,370 J**	**424 J+**	<0.0074	**0.41 J**	**12.5 J**	**--**	<0.011	**1,760 J**
		10 - 11.5	11/07/2006	**8,860 J**	**0.16 J-**	**3.0**	**201 J**	**0.49**	**5.8 J**	**0.066**	**13,200 J**	**6.6 J-**	**14.1 J**	**14,100 J**	**8.2**	**10,500 J**	**284 J+**	<0.0074	**0.71 J**	**14.2 J**	**--**	**0.012 J**	**1,770 J**
			11/07/2006 (FD)	**9,140 J**	**0.17 J-**	**3.7**	**333 J**	**0.49**	**5.4 J**	**0.095**	**24,900 J**	**8.0 J-**	**16.3 J**	**14,100 J**	**10.0**	**11,400 J**	**435 J+**	<0.0077	**0.80 J**	**14.2 J**	**--**	**0.013 J**	**1,850 J**
Phase B	RSAO4	0.5 - 2	7/09/2008	**9,320**	**0.14 J-**	**3.24**	**171 J**	**0.462**	**3.6 J**	**0.183**	**35,300**	**7.14 J**	**25.2**	**18,900**	**12.7**	**12,800**	**488**	**0.019 J**	**0.41**	**14.5 J**	**684**	<0.021	**2,280**
		10 - 11.5	7/09/2008	**12,200**	**0.11 J-**	**2.86**	**284 J**	**0.437**	**6.2**	**0.136**	**16,900**	**7.64 J**	**27.4**	**17,100**	**7.75**	**11,600**	**502**	**0.003 J**	**0.18**	**12.5 J**	**765**	<0.022	**2,160**
	SA-46	1 - 2.5	7/09/2008	**10,300**	**0.17 J-**	**2.2**	**153**	**0.569**	**3.9 J**	**0.143**	**33,200**	**7.91 J**	**25.7**	**17,400**	**8.61**	**12,500**	**429**	**0.02**	**0.19**	**13.2 J**	**1,060**	<0.02	**2,330**
	SA-181	0.5 - 2	7/02/2008	**9,510**	**0.198 J-**	**2.42**	**168 J**	**0.509**	**4.7**	**0.116**	**29,000**	**8.6**	**27.5**	**13,900**	**9.58 J**	**9,720**	**478 J**	**0.018**	**0.33**	**14.6 J**	**769**	<0.022	**2,440**
		10 - 11.5	7/02/2008	**10,800**	**0.151 J-**	**2.9**	**200 J**	**0.575**	**6.9**	**0.101**	**30,100**	**7.8**	**16.3**	**14,800**	**8.56 J**	**10,500**	**392 J**	**0.007 J**	**0.48**	**13.6 J**	**895**	<0.021	**2,060**
	SA-183	0.5 - 2	7/08/2008	**8,680**	**0.18 J-**	**1.73**	**322**	**0.449**	**3 J**	**0.369**	**47,300 J**	**6.16**	**20.3**	**12,200 J**	**12.7 J**	**7,850**	**420**	**0.07**	**0.3**	**12.3 J**	**884**	<0.02	**2,210**
		10 - 11.5	7/08/2008	**8,160**	**0.11 J-**	**2.09**	**158 J**	**0.442**	**3.8 J**	**0.169**	**27,400 J**	**6.01 J**	**16.5**	**16,200**	**9.92**	**7,790 J**	**406**	**0.007 J**	**0.33**	**12.7 J**	**885**	<0.021	**1,650**
			7/08/2008 (FD)	**11,900**	**0.08 J-**	**2.97**	**263 J**	**0.504**	**7.2**	**0.163**	**49,900 J**	**7.09 J**	**17.3**	**17,600**	**8.99**	**15,500 J**	**398**	**0.007 J**	**0.42**	**15 J**	**851**	<0.022	**1,980**

Notes:

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Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-5b. SOIL ANALYTICAL RESULTS, ECA C4
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)										
				Selenium	Silver	Sodium	Strontium	Thallium	Tin	Titanium	Tungsten	Uranium (total)	Vanadium	Zinc
			HSSL:	6,490	100,000	--	100,000	13	100,000	100,000	1,040	3,830	100,000	100,000
Phase A	SA-10	0.5 - 2	11/07/2006	<0.12	**0.093 J**	**917 J**	**103 J**	**0.082 J**	**0.49**	**405 J**	**0.25 J-**	**0.71 J**	**31.6 J-**	**34.1 J-**
		10 - 11.5	11/07/2006	<0.12	**0.15 J**	**738 J**	**168 J**	**0.10 J**	**0.59**	**724 J**	**0.29 J-**	**1.3 J**	**36.3 J-**	**30.3 J-**
			11/07/2006 (FD)	<0.12	**0.15 J**	**1,050 J**	**312 J**	**0.11 J**	**0.64**	**717 J**	**0.33 J-**	**1.8 J**	**39.0 J-**	**30.9 J-**
Phase B	RSAO4	0.5 - 2	7/09/2008	<0.8	**0.028**	**431**	**129**	**0.105**	**3 J**	**974**	**0.9 J-**	**0.777**	**48.6**	**36.6 J**
		10 - 11.5	7/09/2008	<0.9	<0.022	**2,300**	**279**	**0.069**	**3.3 J**	**967**	**0.15 J**	**1.14**	**45.6**	**35.2 J**
	SA-46	1 - 2.5	7/09/2008	<0.9	**0.055**	**315**	**147 J**	**0.093**	**3.7 J**	**830 J**	**0.22 J**	**0.82**	**41.4 J**	**34.4 J**
	SA-181	0.5 - 2	7/02/2008	**0.9 J**	**0.033 J**	**309**	**131 J**	**0.098**	**3 J**	**765**	**0.34 J-**	**1.01**	**39.6**	**36.9**
		10 - 11.5	7/02/2008	<0.8	**0.022 J**	**919**	**275 J**	**0.098**	**3.2 J**	**811**	**0.3 J-**	**1.69**	**39.3**	**32.9**
	SA-183	0.5 - 2	7/08/2008	<0.8	**0.034 J**	**305**	**135**	**0.186**	**3.4 J**	**646**	**0.3 J-**	**0.85**	**33.5**	**164 J**
		10 - 11.5	7/08/2008	<0.8	**0.035**	**410 J**	**185**	**0.093**	**2.9 J**	**815**	**0.19 J**	**1.06 J**	**43.9**	**29.6 J**
			7/08/2008 (FD)	<0.9	**0.031**	**739 J**	**303**	**0.09**	**3 J**	**851**	**0.17 J**	**2.19 J**	**46.4**	**31.9 J**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-5c. SOIL ANALYTICAL RESULTS, ECA C4
Radionuclides (pCi/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Radionuclides (pCi/g)							
				Radium-226	Radium-228	Thorium-228	Thorium-230	Thorium-232	Uranium-234	Uranium-235	Uranium-238
			HSSL:	0.023	0.046	0.026	14	13	18	0.33	1.5
Phase A	SA-10	0.5 - 2	11/07/2006	**1.1 J**	**1.81**	--	--	--	--	--	--
		10 - 11.5	11/07/2006	**0.978 J**	**1.69**	--	--	--	--	--	--
			11/07/2006 (FD)	**0.759 J**	**1.6**	--	--	--	--	--	--
Phase B	RSAO4	0.5 - 2	7/09/2008	**1.1 J-**	**0.954**	**1.77**	**0.838**	**0.856 J**	**0.828**	**0.0692**	**0.79**
		10 - 11.5	7/09/2008	**1.34 J-**	**0.689**	**1.9**	**1.53**	**2.04 J**	**1.01**	**0.0704**	**0.995**
	SA-46	1 - 2.5	7/09/2008	**0.962**	**1.79**	**2.00**	**0.797 J**	**1.60 J**	**0.814**	**0.0653 J**	**0.839**
	SA-181	0.5 - 2	7/02/2008	**1.15**	**0.679**	**2.00 J**	**0.877 J**	**1.23 J**	**0.949**	**0.0858**	**0.909**
		10 - 11.5	7/02/2008	**1.03**	**0.933**	**1.50 J**	**1.01 J**	**0.950 J**	**1.30**	**0.112**	**1.12**
	SA-183	0.5 - 2	7/08/2008	**0.987**	**1.14**	**1.30 J**	**1.05 J**	**1.97 J**	**0.858**	**0.0407**	**0.820**
		10 - 11.5	7/08/2008	**1.3 J-**	**0.623**	**1.45**	**0.856**	**1.73 J**	**1.49**	**0.111**	**1.31**
			7/08/2008 (FD)	**1.54 J-**	**0.655**	**1.91**	**1.08**	**1.63 J**	**1.37**	**0.0716**	**1.04**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pCi/g: picocuries per gram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: result above minimum detectable activity
Value: result below minimum detectable activity
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-5d. SOIL ANALYTICAL RESULTS, ECA C4
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Acetone	t-Amyl methyl ether	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene
			HSSL:	100,000,000	--	5,310	679,000	628,000	1,300	95,300	30,300	28,400,000	108,000	145,000	183,000	2,960	1,370,000	2,120,000	1,390	464,000	907,000	26,000,000	10,400,000
Phase A	SA-10	0.5 - 2	11/07/2006	<11	<5.6	**0.82 J**	<5.6	<5.6	<5.6	<5.6	<11	<11	<5.6	<5.6	<5.6	<5.6	**5.5 J**	5.6 UJ	**1.9 J**	5.6 UJ	<5.6	<5.6	<5.6
		10 - 11.5	11/07/2006	<11	<5.5	**0.31 J**	<5.5	<5.5	<5.5	<5.5	<11	<11	<5.5	<5.5	<5.5	<5.5	**3.1 J**	5.5 UJ	**1.2 J**	5.5 UJ	<5.5	<5.5	<5.5
			11/07/2006 (FD)	<12	<5.8	**0.20 J**	<5.8	<5.8	<5.8	<5.8	<12	<12	<5.8	<5.8	<5.8	<5.8	**1.4 J**	5.8 UJ	**0.92 J**	5.8 UJ	<5.8	<5.8	<5.8
Phase B	RSAO4	0.5 - 2	7/09/2008	**25**	<0.30	<0.19	<0.42	<0.34	<0.39	<0.46	<0.50	**2.6 J**	<0.61	<0.32	<0.29	<0.35	<0.24	<0.21	<0.15	<0.44	<0.28	<0.37	<0.40
		10 - 11.5	7/09/2008	<1.5	<0.30	<0.19	<0.42	<0.34	<0.39	<0.46	<0.50	<1.0	<0.61	<0.32	<0.29	<0.35	<0.24	<0.21	<0.15	<0.44	<0.28	<0.37	<0.40
	SA-46	1 - 2.5	7/09/2008	<1.5	<0.30	<0.19	<0.42	<0.34	<0.39	<0.46	<0.50	<1.0	<0.61	<0.32	<0.29	<0.35	<0.24	<0.21	<0.15	<0.44	<0.28	<0.37	<0.40
	SA-181	0.5 - 2	7/02/2008	**15 J+**	<0.30	<0.19	<0.42	<0.34	<0.39	<0.46	<0.50	<1.0	<0.61	<0.32	<0.29	<0.35	<0.24	<0.21	**0.41 J**	<0.44	<0.28	<0.37	<0.40
		10 - 11.5	7/02/2008	**5.6 J+**	<0.30	<0.19	<0.42	<0.34	<0.39	<0.46	<0.50	<1.0	<0.61	<0.32	<0.29	<0.35	<0.24	<0.21	**0.82 J**	<0.44	<0.28	<0.37	<0.40
	SA-183	0.5 - 2	7/08/2008	**8.9 J**	<0.30	<0.19	<0.42	<0.34	<0.39	<0.46	<0.50	<1.0	<0.61	<0.32	<0.29	<0.35	<0.24	<0.21	<0.15	<0.44	<0.28	<0.37	<0.40
		10 - 11.5	7/08/2008	1.5 UJ	<0.30	<0.19	<0.42	<0.34	<0.39	<0.46	<0.50	<1.0	<0.61	<0.32	<0.29	<0.35	<0.24	<0.21	<0.15	<0.44	<0.28	<0.37	<0.40
			7/08/2008 (FD)	<1.5	<0.30	<0.19	<0.42	<0.34	<0.39	<0.46	<0.50	<1.0	<0.61	<0.32	<0.29	<0.35	<0.24	<0.21	<0.15	<0.44	<0.28	<0.37	<0.40

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-5d. SOIL ANALYTICAL RESULTS, ECA C4
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																			
				p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane	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
			HSSL:	147,000	64.9	43,300	168	98,900	376,000	373,000	11,500	368,000	15,800	2,100	20,000	400,000	304,000	11,700	26,000,000	--	--	--	--
Phase A	SA-10	0.5 - 2	11/07/2006	<5.6	<5.6	<5.6	<5.6	<5.6	**0.56 J**	<5.6	**1.9 J**	5.6 UJ	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
		10 - 11.5	11/07/2006	<5.5	<5.5	<5.5	<5.5	<5.5	**0.19 J**	<5.5	<5.5	5.5 UJ	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
			11/07/2006 (FD)	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	5.8 UJ	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8
Phase B	RSAO4	0.5 - 2	7/09/2008	<0.41	<0.70	<0.32	<0.40	<0.35	<0.23	<0.53	<0.57	<0.35	<0.24	<0.30	<0.48	<0.55	<0.30	<0.47	<0.38	<0.21	<0.43	<0.20	<0.33
		10 - 11.5	7/09/2008	<0.41	<0.70	<0.32	<0.40	<0.35	<0.23	<0.53	<0.57	<0.35	<0.24	<0.30	<0.48	<0.55	<0.30	<0.47	<0.38	<0.21	<0.43	<0.20	<0.33
	SA-46	1 - 2.5	7/09/2008	<0.41	<0.70	<0.32	<0.40	<0.35	<0.23	<0.53	<0.57	<0.35	<0.24	<0.30	<0.48	<0.55	<0.30	<0.47	<0.38	<0.21	<0.43	<0.20	<0.33
	SA-181	0.5 - 2	7/02/2008	<0.41	<0.70	<0.32	<0.40	<0.35	<0.23	<0.53	<0.57	<0.35	<0.24	<0.30	<0.48	<0.55	<0.30	<0.47	<0.38	<0.21	<0.43	<0.20	<0.33
		10 - 11.5	7/02/2008	<0.41	<0.70	<0.32	<0.40	<0.35	<0.23	<0.53	<0.57	<0.35	<0.24	<0.30	<0.48	<0.55	<0.30	<0.47	<0.38	<0.21	<0.43	<0.20	<0.33
	SA-183	0.5 - 2	7/08/2008	<0.41	<0.70	<0.32	<0.40	<0.35	<0.23	<0.53	<0.57	<0.35	<0.24	<0.30	<0.48	<0.55	<0.30	<0.47	<0.38	<0.21	<0.43	<0.20	<0.33
		10 - 11.5	7/08/2008	<0.41	<0.70	<0.32	<0.40	<0.35	<0.23	<0.53	<0.57	<0.35	<0.24	<0.30	<0.48	<0.55	<0.30	<0.47	<0.38	<0.21	<0.43	<0.20	<0.33
			7/08/2008 (FD)	<0.41	<0.70	<0.32	<0.40	<0.35	<0.23	<0.53	<0.57	<0.35	<0.24	<0.30	<0.48	<0.55	<0.30	<0.47	<0.38	<0.21	<0.43	<0.20	<0.33

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-5d. SOIL ANALYTICAL RESULTS, ECA C4
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Diisopropyl ether	Ethyl benzene	Ethyl tert-butyl ether	Hexachlorobutadiene	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	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
			HSSL:	2,260,000	26,600	560,000	5,610	1,490,000	217,000	1,130,000	11,300	3,360,000	264,000	867,000	9,070	2,910	107,000	818,000	151,000	125,000	640,000	5,280	6,310
Phase A	SA-10	0.5 - 2	11/07/2006	<5.6	<5.6	<5.6	<5.6	11 UJ	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
		10 - 11.5	11/07/2006	<5.5	<5.5	<5.5	<5.5	11 UJ	<5.5	<5.5	<5.5	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
			11/07/2006 (FD)	<5.8	<5.8	<5.8	<5.8	12 UJ	<5.8	<5.8	<5.8	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8
Phase B	RSAO4	0.5 - 2	7/09/2008	<0.31	<0.37	<0.24	<0.60	<0.72	<0.19	<0.51	<1.1	<0.95	<0.36	<0.16	<0.44	<0.51	<0.24	<0.30	<1.1	<0.94	<0.60	<0.22	<0.28
		10 - 11.5	7/09/2008	<0.31	<0.37	<0.24	<0.60	<0.72	<0.19	<0.46	<1.1	**0.49 J**	<0.36	<0.16	<0.44	<0.51	<0.24	**0.67 J**	<1.1	<0.94	<0.60	<0.22	<0.28
	SA-46	1 - 2.5	7/09/2008	<0.31	<0.37	<0.24	<0.60	<0.72	<0.19	<0.32	<1.1	<0.95	<0.36	<0.16	<0.44	<0.51	<0.24	**0.62 J**	<1.1	<0.94	<0.60	<0.22	<0.28
	SA-181	0.5 - 2	7/02/2008	<0.31	<0.37	<0.24	<0.60	<0.72	<0.19	<0.32	<1.1	<0.95	<0.36	<0.16	<0.44	<0.51	<0.24	<0.30	<1.1	<0.94	<0.60	<0.22	<0.28
		10 - 11.5	7/02/2008	<0.31	<0.37	<0.24	<0.60	<0.72	<0.19	<0.32	<1.1	<0.95	<0.36	<0.16	<0.44	<0.51	<0.24	<0.30	<1.1	<0.94	<0.60	<0.22	<0.28
	SA-183	0.5 - 2	7/08/2008	<0.31	<0.37	<0.24	<0.60	<0.72	<0.19	<0.32	<1.1	<0.95	<0.36	<0.16	<0.44	<0.51	<0.24	<0.30	<1.1	<0.94	<0.60	<0.22	<0.28
		10 - 11.5	7/08/2008	<0.31	<0.37	<0.24	<0.60	<0.72	<0.19	<0.32	<1.1	<0.95	<0.36	<0.16	<0.44	<0.51	<0.24	<0.30	<1.1	<0.94	<0.60	<0.22	<0.28
			7/08/2008 (FD)	<0.31	<0.37	<0.24	<0.60	<0.72	<0.19	<0.32	<1.1	<0.95	<0.36	<0.16	<0.44	<0.51	<0.24	<0.30	<1.1	<0.94	<0.60	<0.22	<0.28

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-5d. SOIL ANALYTICAL RESULTS, ECA C4
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)								
				Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	Xylenes (total)	tert Butyl alcohol
			HSSL:	1,230,000	121	219,000	182,000	1,870	--	434,000	260,000	7,270,000
Phase A	SA-10	0.5 - 2	11/07/2006	5.6 UJ	<5.6	<5.6	<5.6	<5.6	--	--	<11	5.6 UJ
		10 - 11.5	11/07/2006	5.5 UJ	<5.5	<5.5	<5.5	<5.5	--	--	<11	5.5 UJ
			11/07/2006 (FD)	5.8 UJ	<5.8	<5.8	<5.8	<5.8	--	--	<12	5.8 UJ
Phase B	RSAO4	0.5 - 2	7/09/2008	<0.32	<0.95	<0.42	<0.51	<0.68	<0.78	<0.31	--	<10
		10 - 11.5	7/09/2008	<0.32	<0.95	<0.42	<0.51	<0.68	<0.78	<0.31	--	<10
	SA-46	1 - 2.5	7/09/2008	<0.32	<0.95	<0.42	<0.51	<0.68	<0.78	<0.31	--	<10
	SA-181	0.5 - 2	7/02/2008	<0.32	<0.95	<0.42	<0.51	<0.68	<0.78	<0.31	--	<10
		10 - 11.5	7/02/2008	<0.32	<0.95	<0.42	<0.51	<0.68	<0.78	<0.31	--	<10
	SA-183	0.5 - 2	7/08/2008	<0.32	<0.95	<0.42	<0.51	<0.68	<0.78	<0.31	--	<10
		10 - 11.5	7/08/2008	<0.32	<0.95	<0.42	<0.51	<0.68	<0.78	<0.31	--	10 UJ
			7/08/2008 (FD)	<0.32	<0.95	<0.42	<0.51	<0.68	<0.78	<0.31	--	<10

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-5e. SOIL ANALYTICAL RESULTS, ECA C4
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Butylbenzylphthalate	Chrysene	Di-n-butylphthalate	Di-n-octylphthalate	Dibenz(a,h)anthracene	Diethylphthalate	Dimethylphthalate	1,4-Dioxane	Fluoranthene	Fluorene	Hexachlorobenzene	Indeno(1,2,3-cd)pyrene
			HSSL:	118,000	44,000	4,260	9,980	3,500	35,000	25,100,000	350,000	1,860,000	3,500,000	91,200,000	9,120,000	3,500	100,000,000	100,000,000	27,200	33,500,000	93,100	231	35,000
Phase A	SA-10	0.5 - 2	11/07/2006	<370	<370	<370	<370	<370	<370	<370	<370	<370	<370	<370	<370	<370	<370	<370	<370	<370	<370	<370	<370
		10 - 11.5	11/07/2006	<360	<360	<360	<360	<360	<360	<360	<360	<360	<360	<360	<360	<360	<360	<360	<360	<360	<360	<360	<360
			11/07/2006 (FD)	<380	<380	<380	<380	<380	<380	<380	<380	<380	<380	<380	<380	<380	<380	<380	<380	<380	<380	<380	<380
Phase B	RSAO4	0.5 - 2	7/09/2008	<1.19712	<1.34267	<1.345	<1.39066	<1.02964	<1.78613	<1.21686	<1.5734	<1.90026	<1.4038	<160.159	<0.80807	<1.37408	<8.58299	<0.91269	<2.62796	<1.0669	<2.81445	**17 J**	<1.1823
		10 - 11.5	7/09/2008	<1.19712	<1.34267	<1.345	<1.39066	<1.02964	<1.78613	<1.21686	<1.5734	<1.90026	<1.4038	<160.159	<0.80807	<1.37408	<7.2	<0.91269	<2.62796	<1.0669	<2.81445	<0.91088	<1.1823
	SA-46	1 - 2.5	7/09/2008	<1.19712	<1.34267	<1.345	<1.39066	<1.02964	<1.78613	<1.21686	<1.5734	<1.90026	<1.4038	**120 J**	<0.80807	<1.37408	<7.5	<0.91269	<2.62796	<1.0669	<2.81445	<0.91088	<1.1823
	SA-181	0.5 - 2	7/02/2008	<1.19712	<1.34267	<1.345	<1.39066	<1.02964	<1.78613	<1.21686	<1.5734	<1.90026	<1.4038	<160.159	<0.80807	<1.37408	<8.58299	<0.91269	<2.62796	<1.0669	<2.81445	<0.91088	<1.1823
		10 - 11.5	7/02/2008	<1.19712	<1.34267	<1.345	<1.39066	<1.02964	<1.78613	<1.21686	<1.5734	<1.90026	<1.4038	<160.159	<0.80807	<1.37408	<8.58299	<0.91269	<2.62796	<1.0669	<2.81445	<0.91088	<1.1823
	SA-183	0.5 - 2	7/08/2008	<1.19712	<1.34267	<1.345	<1.39066	<1.02964	<1.78613	<1.21686	<1.5734	<1.90026	<1.4038	<160.159	<0.80807	<1.37408	<8.58299	<0.91269	<2.62796	<1.0669	<2.81445	<0.91088	<1.1823
		10 - 11.5	7/08/2008	<1.19712	<1.34267	<1.345	<1.39066	<1.02964	<1.78613	<1.21686	<1.5734	**3.2 J**	<1.4038	<160.159	<0.80807	<1.37408	<8.8	<0.91269	<2.62796	<1.0669	<2.81445	<0.91088	<1.1823
			7/08/2008 (FD)	<1.19712	<1.34267	<1.345	<1.39066	<1.02964	<1.78613	<1.21686	<1.5734	<1.90026	<1.4038	<160.159	<0.80807	<1.37408	<6.2	<0.91269	<2.62796	<1.0669	<2.81445	<0.91088	<1.1823

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
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UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-5e. SOIL ANALYTICAL RESULTS, ECA C4
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)							
				2-Methylnaphthalene	Naphthalene	Nitrobenzene	Octachlorostyrene	Phenanthrene	Pyrene	Pyridine	bis(2-Ethylhexyl)phthalate
			HSSL:	368,000	11,300	22,500	--	24,500	44,000	1,300,000	252,000
Phase A	SA-10	0.5 - 2	11/07/2006	<370	<370	<370	<370	<370	<370	<1,800	<370
		10 - 11.5	11/07/2006	<360	<360	<360	<360	<360	<360	<1,800	<360
			11/07/2006 (FD)	<380	<380	<380	<380	<380	<380	<1,800	**180 J**
Phase B	RSAO4	0.5 - 2	7/09/2008	<2.23683	<1.17028	<1.22338	<1.96341	<1.09644	<0.81337	<16.3531	<85.6071
		10 - 11.5	7/09/2008	<2.23683	<1.17028	<1.22338	<1.96341	<2.1	<0.81337	<16.3531	<85.6071
	SA-46	1 - 2.5	7/09/2008	<2.23683	<1.17028	<1.22338	<1.96341	<2.5	<0.81337	<16.3531	<85.6071
	SA-181	0.5 - 2	7/02/2008	<2.23683	<1.17028	<1.22338	<1.96341	**1.8 J**	<0.81337	<16.3531	<140
		10 - 11.5	7/02/2008	<2.23683	<1.17028	<1.22338	<1.96341	**1.6 J**	<0.81337	<16.3531	<170
	SA-183	0.5 - 2	7/08/2008	<2.23683	<1.17028	<1.22338	<1.96341	<1.5	<0.81337	<16.3531	240 UJ
		10 - 11.5	7/08/2008	<2.23683	<1.17028	<1.22338	<1.96341	**3.1 J**	<0.81337	<16.3531	<85.6071
			7/08/2008 (FD)	<2.23683	<1.17028	<1.22338	<1.96341	<2.5	<0.81337	<16.3531	<85.6071

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-5g. SOIL ANALYTICAL RESULTS, ECA C4
PCBs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PCBs (µg/kg)						
				Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260
			HSSL:	45,200	1,280	1,060	1,550	1,560	1,600	1,650
Phase A	SA-10	0.5 - 2	11/07/2006	<37	<37	<37	<37	<37	<37	<37
		10 - 11.5	11/07/2006	<36	<36	<36	<36	<36	<36	<36
			11/07/2006 (FD)	<38	<38	<38	<38	<38	<38	<38
Phase B	RSAO4	0.5 - 2	7/09/2008	<9.1	<28	<11	<18	<19	<9.8	<8.6
		10 - 11.5	7/09/2008	<9.1	<28	<11	<18	<19	<9.8	<8.6

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-5h. SOIL ANALYTICAL RESULTS, ECA C4
Dioxins/Furans (pg/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Dioxins/Furans (pg/g)																
				TCDD	PeCDD	1,4-HxCDD	1,6-HxCDD	1,9-HxCDD	1,4,6-HpCDD	OCDD	TCDF	1-PeCDF	4-PeCDF	1,4-HxCDF	1,6-HxCDF	1,9-HxCDF	4,6-HxCDF	1,4,6-HpCDF	1,4,9-HpCDF	OCDF	Total Dioxin/Furan TEQ (Calculated)
			HSSL:	26.7	--	--	--	581	--	--	--	--	--	--	--	--	--	--	--	--	2,700
Phase B	SA-181	0.5 - 2	7/02/2008	<0.0388	<0.0391	<0.094	<0.0856	<0.09	**0.387 J**	**2.28 J**	<0.41	**0.531 JK**	<0.0923	**0.964 J**	**0.456 J**	<0.176	**0.268 J**	**1.09 J**	**0.394 JK**	**5.56**	**0.21**
	SA-183	0.5 - 2	7/08/2008	<0.0424	**0.187**	<0.0838	**0.323**	**0.415**	**2.51**	**14.7**	**2.26**	**1.68**	**0.982**	**2.83**	**1.59**	**0.262**	**0.948**	**8.29**	**4.22**	**25.5**	**1.56**
Pre-Excavation	RSAO4	1 - 2	10/26/2010	<0.093	**0.40 JK**	**0.36 J**	**0.81 J**	**0.69 J**	**38**	**540**	**5.3**	**4.3**	**2.3 J**	**9.3**	**7.1**	**0.95 J**	**2.1 J**	**30**	**11**	**87**	**4.9**
		2 - 3	10/26/2010	<0.054	<0.072	<0.040	<0.15	<0.074	0.089 UJ	**1.0 JK**	<0.064	<0.076	<0.078	**0.098 JK**	**0.080 J**	<0.033	<0.030	**0.24 J**	0.058 UJ	**0.48 J**	**0.021**
		3 - 4	10/26/2010	<0.079	<0.12	<0.065	**0.13 J**	**0.20 J**	**0.21 JK**	**2.0 J**	<0.051	<0.090	<0.093	<0.076	<0.057	<0.097	<0.059	**0.25 J**	0.11 UJ	0.23 UJ	**0.038**
		4 - 5	10/26/2010	<0.053	<0.092	<0.034	**0.088 JK**	**0.10 JK**	**1.3 J**	**15 J**	**0.46 J**	<0.14	<0.11	**0.22 JK**	**0.13 JK**	<0.088	<0.091	**0.62 JK**	**0.29 JK**	**2.2 JK**	**0.13**
		5 - 6	10/26/2010	<0.061	<0.076	<0.037	<0.071	<0.060	<0.053	0.18 UJ	<0.050	<0.063	<0.065	<0.016	<0.029	<0.046	<0.016	<0.040	<0.049	0.17 UJ	<0.00001
		6 - 7	10/26/2010	<0.095	<0.11	<0.042	**0.16 JK**	**0.20 J**	**0.74 JK**	**12 J**	**0.37 J**	<0.11	<0.11	**0.32 JK**	**0.20 JK**	<0.093	<0.056	**0.82 J**	**0.31 JK**	**2.6 J**	**0.15**
		7 - 8	10/26/2010	<0.037	<0.074	<0.039	<0.045	<0.066	0.12 UJ	0.28 UJ	<0.048	<0.065	<0.067	<0.014	<0.013	<0.030	<0.0084	0.031 UJ	0.038 UJ	0.20 UJ	<0.00001
		8 - 9	10/26/2010	<0.021	<0.061	<0.022	<0.071	<0.13	**0.54 JK**	**5.1 J**	**0.14 JK**	<0.050	<0.061	**0.15 JK**	**0.13 JK**	<0.078	<0.058	**0.66 J**	**0.20 JK**	**1.2 JK**	**0.058**
			10/26/2010 (FD)	<0.037	<0.083	<0.024	<0.090	<0.087	**0.64 JK**	**5.9 J**	**0.17 J**	<0.13	<0.059	**0.23 JK**	**0.14 JK**	**0.076 JK**	**0.069 JK**	**0.90 JK**	**0.44 J**	**1.6 J**	**0.091**
	SA-183	1 - 2	10/26/2010	<0.050	<0.086	**0.054 JK**	**0.15 JK**	**0.12 JK**	**0.61 J**	**2.5 J**	**0.99**	**0.91 J**	**0.47 J**	**1.6 J**	**1.0 JK**	**0.26 J**	**0.33 JK**	**4.7**	**2.2 J**	**10 J**	**0.70**
		2 - 3	10/26/2010	<0.068	<0.066	<0.028	<0.063	<0.11	**0.30 J**	**0.87 JK**	<0.049	<0.061	<0.063	<0.060	<0.061	**0.099 JK**	<0.020	**0.099 JK**	<0.058	**0.22 JK**	**0.014**
		3 - 4	10/26/2010	<0.096	<0.13	<0.065	**0.19 JK**	**0.18 JK**	**0.40 J**	**1.0 JK**	**0.31 JK**	**0.47 JK**	<0.24	**0.88 JK**	**0.65 J**	**0.32 JK**	**0.29 JK**	**1.9 J**	**1.1 J**	**4.1 J**	**0.33**
			10/26/2010 (FD)	<0.072	<0.12	<0.054	<0.048	<0.21	**0.40 JK**	**1.8 J**	**0.60**	**0.71 J**	**0.31 J**	**1.1 J**	**0.95 J**	**0.21 JK**	**0.19 JK**	**3.0 J**	**1.6 J**	**6.3 JK**	**0.47**
		4 - 5	10/26/2010	<0.063	<0.066	<0.030	**0.10 JK**	**0.16 J**	**0.10 JK**	**0.46 J**	<0.078	<0.064	<0.066	**0.070 J**	**0.054 J**	**0.10 JK**	<0.020	**0.12 JK**	<0.047	**0.29 JK**	**0.051**
		5 - 6	10/26/2010	<0.057	<0.10	<0.042	**0.13 JK**	**0.14 JK**	**0.19 JK**	**0.80 J**	<0.37	**0.41 J**	<0.18	**0.69 JK**	**0.48 J**	**0.12 JK**	**0.19 JK**	**1.5 J**	**0.53 JK**	**3.6 J**	**0.21**
		6 - 7	10/26/2010	<0.056	<0.081	<0.067	<0.060	<0.059	0.12 UJ	**0.41 J**	<0.052	<0.080	<0.082	**0.065 J**	**0.053 J**	<0.029	<0.026	**0.14 JK**	0.061 UJ	**0.27 J**	**0.013**
		7 - 8	10/26/2010	<0.065	<0.082	<0.042	<0.072	<0.068	<0.088	0.17 UJ	<0.046	<0.073	<0.075	<0.070	<0.044	<0.059	<0.068	**0.20 J**	<0.039	0.28 UJ	**0.0020**
		8 - 9	10/26/2010	<0.063	<0.071	<0.036	**0.068 JK**	**0.090 JK**	<0.10	**0.79 J**	**0.21 JK**	**0.17 J**	<0.068	**0.18 J**	**0.17 JK**	<0.057	<0.091	**0.34 JK**	**0.094 JK**	**0.70 J**	**0.082**

Notes:

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ft bgs: feet below ground surface
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Table A-5i. SOIL ANALYTICAL RESULTS, ECA C4
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)																			
				Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	Chlordane (total)	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide
			HSSL:	205	274,000	54,700	333,000	11,100	--	500,000	500,000	14,700	10,300	10,600	220	--	--	4,900,000	274,000	--	--	696	366
Phase A	SA-10	0.5 - 2	11/07/2006	<1.9	<1.9	<1.9	<1.9	<1.9	<11	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Phase B	RSAO4	0.5 - 2	7/09/2008	<0.070	<0.31	<0.25	<0.089	<0.12	<1.9	<0.15	<0.12	<0.19	<0.078	<0.17	<0.26	<0.10	<0.091	<0.090	<0.11	<0.83	<0.12	<0.088	<0.11
	SA-46	1 - 2.5	7/09/2008	<0.070	<0.31	<0.25	<0.089	<0.12	<1.9	<0.15	<0.12	<0.19	<0.078	<0.17	<0.26	<0.10	<0.091	<0.090	<0.11	<0.83	<0.12	<0.088	<0.11
	SA-181	0.5 - 2	7/02/2008	<0.070	<0.31	<0.25	<0.089	<0.12	<1.9	<0.15	<0.12	<0.19	<0.078	<0.17	<0.26	<0.10	<0.091	<0.090	<0.11	<0.83	<0.12	<0.088	<0.11
	SA-183	0.5 - 2	7/08/2008	<0.070	<0.31	<0.25	<0.089	<0.12	<1.9	<0.15	<0.12	<0.19	<0.078	<0.17	<0.26	<0.10	<0.091	<0.090	<0.11	<0.83	<0.12	<0.088	<0.11

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-5i. SOIL ANALYTICAL RESULTS, ECA C4
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)		
				Hexachlorobenzene	Methoxychlor	Toxaphene
			HSSL:	231	4,560,000	3,210
Phase A	SA-10	0.5 - 2	11/07/2006	--	<3.7	<56
Phase B	RSAO4	0.5 - 2	7/09/2008	0.48 UJ	<0.26	<9.7
	SA-46	1 - 2.5	7/09/2008	0.48 UJ	<0.26	<9.7
	SA-181	0.5 - 2	7/02/2008	0.48 UJ	<0.26	<9.7
	SA-183	0.5 - 2	7/08/2008	0.48 UJ	<0.26	<9.7

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-5j. SOIL ANALYTICAL RESULTS, ECA C4
Pesticides - OPPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OPPs (µg/kg)																		
				Chlorpyrifos	Coumaphos	Dasanit	Demeton-O	Demeton-S	Diazinon	Dichlorovos	Dimethoate	Disulfoton	EPN	Ethoprop	Famphur	Fenthion	Guthion	Malathion	Merphos	Methyl parathion	Mevinphos	Naled	Parathion
			HSSL:	912,000	--	--	--	--	638,000	12,200	2,010,000	36,500	9,120	--	--	--	2,740,000	18,200,000	1,030	228,000	--	1,290	5,470,000
Phase A	SA-10	0.5 - 2	11/07/2006	<22	<14	<14	43 UJ	17 UJ	24 UJ	<26	<24	<53	14 UJ	<17	<14	<37	<14	<17	<33	<22	<17	37 UJ	<20

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-5j. SOIL ANALYTICAL RESULTS, ECA C4
Pesticides - OPPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OPPs (µg/kg)							
				Phorate	Prothiophos	Ronnel	Stirophos	Sulfotepp	Sulprofos	Thionazin	Trichloronate
			HSSL:	182,000	--	26,800	147,000	456,000	--	--	--
Phase A	SA-10	0.5 - 2	11/07/2006	<22	<22	20 UJ	<17	<22	<14	<20	<22

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-5k. SOIL ANALYTICAL RESULTS, ECA C4
Petroleum Indicators (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Petroleum Indicators (mg/kg)		
				Petroleum Hydrocarbons	Gasoline Range Organics	Diesel Range Organics
			HSSL:	--	--	--
Phase A	SA-10	0.5 - 2	11/07/2006	<28	<0.11	<28
		10 - 11.5	11/07/2006	<28	<0.11	<28
			11/07/2006 (FD)	<29	<0.12	<29
Phase B	RSAO4	0.5 - 2	7/09/2008	**130**	--	**91**
		10 - 11.5	7/09/2008	<44	--	<44
	SA-46	1 - 2.5	7/09/2008	<44	--	<44
	SA-181	0.5 - 2	7/02/2008	<44	--	<44
		10 - 11.5	7/02/2008	<43	--	<43
	SA-183	0.5 - 2	7/08/2008	<44	--	<44
		10 - 11.5	7/08/2008	<44	--	<44
			7/08/2008 (FD)	<45	--	<45

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-5m. SOIL ANALYTICAL RESULTS, ECA C4
Asbestos (s/samp)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Asbestos (s/samp)					
				Long Amphibole Protocol Structures Count	Long Asbestos Protocol Structures Count	Long Chrysotile Protocol Structures Count	Total Amphibole Protocol Structures Count	Total Asbestos Protocol Structures Count	Total Chrysotile Protocol Structures Count
			HSSL:	0	--	5	--	--	--
Phase B	SA-46	0.5 - 1	6/19/2008	0	0	0	0	0	0
	SA-181	0 - 0.5	6/19/2008	0	0	0	0	0	0
	SA-183	0	6/19/2008	0	0	0	0	0	0

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
s/samp: strands per sample
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-6a. SOIL ANALYTICAL RESULTS, ECA C6
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)											
				Ammonia	Bromide	Carbonate as CO_3	Chlorate	Chloride	Chromium (total)	Chromium VI	Cyanide (total)	Nitrate (as NO_3)	Nitrite	Perchlorate	Sulfate
			HSSL:	27,900	--	--	38,900	--	100,000	564	164	100,000	120,000	908	--
Phase B	SA-153	1 - 2.5	6/29/2009	<0.061	<0.2	<3	**14.3**	**122**	**5.98 J**	<0.19	--	**58**	<0.08	**10.2**	**1,570**
	SA-172	1 - 2.5	6/26/2009	<0.061	<0.2	**9 J**	**24.6**	**163**	**6.31**	<0.19	<0.42	**37**	<0.08	**8.67**	**710**
		1.5 - 2	12/17/2009	--	--	--	--	--	**6.73 J+**	--	--	--	--	--	--
		2 - 2.5	12/17/2009	--	--	--	--	--	**8.18**	--	--	--	--	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-6b. SOIL ANALYTICAL RESULTS, ECA C6
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)																		
				Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Phosphorus (total)	Platinum	Potassium
			HSSL:	100,000	3,450	7.2	100,000	6,130	100,000	8,180	--	385	51,900	100,000	800	100,000	100,000	3.13	6,490	50,300	100,000	5,190	--
Phase B	SA-153	1 - 2.5	6/29/2009	**8,960**	0.5 UJ	**2.28**	**176**	**0.392**	**8.9 J**	<0.04	**18,600**	**7.2**	**16.4**	**13,000**	**10.4**	**8,240**	**376**	**0.014 J**	**0.46**	**13.9 J**	**887 J-**	<0.007	**2,480 J**
	SA-172	1 - 2.5	6/26/2009	**8,600**	<0.5	**3.27**	**254**	**0.406**	**9.7 J**	<0.04	**35,300**	**13.4**	**41.1**	**15,600**	**21.7**	**9,920**	**1,930**	**0.103**	**0.73**	**18.2**	**927**	**0.009 J**	**2,320**
		1.5 - 2	12/17/2009	**10,500**	**2.7**	**2.68**	**209**	**0.519 J+**	**5.6 J**	**0.22**	**24,600**	**10.9 J**	**32.8**	**20,700**	**25.7 J**	**12,200**	**930**	**0.284**	**0.77**	**20.6 J**	--	**0.052 J**	**2,880**
		2 - 2.5	12/17/2009	**11,100**	**3.0**	**3.90**	**418**	**0.561**	**7.4 J**	**0.44**	**35,000**	**30.3 J**	**74.4**	**19,900**	**27.7 J**	**12,300**	**3,850**	**0.039**	**1.24**	**34.1 J**	--	**0.022 J**	**2,570**
Pre-Excavation	SA-172	2.5 - 3.5	6/23/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,200**	--	--	--	--	--	--
			6/23/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,500**	--	--	--	--	--	--
		4.5 - 5.5	6/23/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,400**	--	--	--	--	--	--
		6.5 - 7.5	6/23/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,100**	--	--	--	--	--	--
		8.5 - 9.5	6/23/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**700**	--	--	--	--	--	--
2011 Removal Action	DS-C24-1	1.5	5/04/2011	--	--	**1.3**	--	--	--	--	--	--	--	--	--	--	**3,610**	--	--	--	--	--	--
	EE-C24-2	1.5	6/30/2011	--	--	**160**	--	--	--	--	--	--	--	--	--	--	**24,000**	--	--	--	--	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-6b. SOIL ANALYTICAL RESULTS, ECA C6
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)										
				Selenium	Silver	Sodium	Strontium	Thallium	Tin	Titanium	Tungsten	Uranium (total)	Vanadium	Zinc
			HSSL:	6,490	100,000	--	100,000	13	100,000	100,000	1,040	3,830	100,000	100,000
Phase B	SA-153	1 - 2.5	6/29/2009	<0.7	<0.2	**805**	**186**	**0.099**	**3.7 J**	**665**	**0.25 J-**	**0.911 J**	**35.5**	**30.2**
	SA-172	1 - 2.5	6/26/2009	<0.7	<0.2	**753**	**191**	**0.453**	**4.3 J**	**763**	**1.14**	**0.972**	**44.8**	**44.9**
		1.5 - 2	12/17/2009	<0.8	<0.2	**927**	**200**	**0.387 J**	**6.4 J**	**1,060**	**0.62 J+**	**1.070**	**60.2**	**45.4**
		2 - 2.5	12/17/2009	<0.9	**0.3 J**	**792**	**271**	**0.811 J**	**6.6 J**	**988**	**1.580**	**1.090**	**57.2**	**67.3**
Pre-Excavation	SA-172	2.5 - 3.5	6/23/2010	--	--	--	--	--	--	--	--	--	--	--
			6/23/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--
		4.5 - 5.5	6/23/2010	--	--	--	--	--	--	--	--	--	--	--
		6.5 - 7.5	6/23/2010	--	--	--	--	--	--	--	--	--	--	--
		8.5 - 9.5	6/23/2010	--	--	--	--	--	--	--	--	--	--	--
2011 Removal Action	DS-C24-1	1.5	5/04/2011	--	--	--	--	--	--	--	--	--	--	--
	EE-C24-2	1.5	6/30/2011	--	--	--	--	--	--	--	--	--	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-6c. SOIL ANALYTICAL RESULTS, ECA C6
Radionuclides (pCi/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Radionuclides (pCi/g)							
				Radium-226	Radium-228	Thorium-228	Thorium-230	Thorium-232	Uranium-234	Uranium-235	Uranium-238
			HSSL:	0.023	0.046	0.026	14	13	18	0.33	1.5
Phase B	SA-153	1 - 2.5	6/29/2009	**0.271 U**	**0.919**	**2.10 J**	**1.14**	**1.72**	**0.978**	**0.0325 J**	**0.921**
	SA-172	1 - 2.5	6/26/2009	**1.38**	**1.86**	**3.12**	**1.08 J**	**1.74**	**0.981 J**	**0.0695**	**0.988**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
pCi/g: picocuries per gram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: result above minimum detectable activity
Value: result below minimum detectable activity
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-6d. SOIL ANALYTICAL RESULTS, ECA C6
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Acetone	t-Amyl methyl ether	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene
			HSSL:	100,000,000	--	5,310	679,000	628,000	1,300	95,300	30,300	28,400,000	108,000	145,000	183,000	2,960	1,370,000	2,120,000	1,390	464,000	907,000	26,000,000	10,400,000
Phase B	SA-153	1 - 2.5	6/29/2009	**19 J**	<0.11	<0.21	<0.30	<0.32	<0.21	<0.41	<0.44	<0.75	<0.57	<0.44	<0.32	<0.44	<0.22	<0.42	<0.32	<0.30	<0.43	<0.53	<0.28
	SA-172	1 - 2.5	6/26/2009	**6.0 J**	<0.11	<0.20	<0.29	<0.30	<0.20	0.40 UJ	<0.43	<0.72	<0.55	<0.43	<0.30	<0.43	<0.21	<0.41	<0.30	<0.29	<0.42	<0.51	<0.27

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-6d. SOIL ANALYTICAL RESULTS, ECA C6
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																			
				p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane	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
			HSSL:	147,000	64.9	43,300	168	98,900	376,000	373,000	11,500	368,000	15,800	2,100	20,000	400,000	304,000	11,700	26,000,000	--	--	--	--
Phase B	SA-153	1 - 2.5	6/29/2009	<0.43	<0.68	<0.33	<0.30	<0.33	<0.34	<0.48	<0.58	<0.51	<0.16	<0.26	<0.32	<0.22	<0.31	<0.26	<0.30	<0.28	<0.39	<0.30	<0.36
	SA-172	1 - 2.5	6/26/2009	<0.42	0.65 UJ	<0.31	<0.29	<0.31	<0.32	<0.46	<0.56	<0.49	<0.15	<0.25	<0.30	<0.21	<0.30	<0.25	<0.29	<0.27	<0.38	<0.29	<0.34

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-6d. SOIL ANALYTICAL RESULTS, ECA C6
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Diisopropyl ether	Ethyl benzene	Ethyl tert-butyl ether	Hexachlorobutadiene	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	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
			HSSL:	2,260,000	26,600	560,000	5,610	1,490,000	217,000	1,130,000	11,300	3,360,000	264,000	867,000	9,070	2,910	107,000	818,000	151,000	125,000	640,000	5,280	6,310
Phase B	SA-153	1 - 2.5	6/29/2009	<0.24	<0.86	<0.24	<0.74	<0.69	<0.22	<0.38	<0.89	<0.64	<0.38	<0.28	<0.24	<0.32	<0.48	<0.32	<0.71	<0.75	<0.21	<0.23	<0.39
	SA-172	1 - 2.5	6/26/2009	<0.23	<0.83	<0.23	0.71 UJ	<0.66	<0.21	**1.4 J**	<0.86	<0.61	<0.37	<0.27	<0.23	<0.30	<0.46	<0.30	0.68 UJ	0.72 UJ	<0.20	<0.22	<0.38

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-6d. SOIL ANALYTICAL RESULTS, ECA C6
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)							
				Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	tert Butyl alcohol
			HSSL:	1,230,000	121	219,000	182,000	1,870	--	434,000	7,270,000
Phase B	SA-153	1 - 2.5	6/29/2009	<0.33	<0.52	<0.37	<0.29	<0.23	<0.62	<0.62	<6.9
	SA-172	1 - 2.5	6/26/2009	<0.31	<0.50	<0.35	<0.28	<0.22	<0.60	<0.60	<6.6

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-6e. SOIL ANALYTICAL RESULTS, ECA C6
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Butylbenzylphthalate	Chrysene	Di-n-butylphthalate	Di-n-octylphthalate	Dibenz(a,h)anthracene	Diethylphthalate	Dimethylphthalate	1,4-Dioxane	Fluoranthene	Fluorene	Hexachlorobenzene	Indeno(1,2,3-cd)pyrene
			HSSL:	118,000	44,000	4,260	9,980	3,500	35,000	25,100,000	350,000	1,860,000	3,500,000	91,200,000	9,120,000	3,500	100,000,000	100,000,000	27,200	33,500,000	93,100	231	35,000
Phase B	SA-153	1 - 2.5	6/29/2009	<1.1	<0.75	<1.2	**1.7 J**	**2.1 J**	<1.2	<1.3	<0.84	<2.4	**2.4 J**	**190 J**	<1.1	<0.78	<120	<0.90	<5.0	**3.1 J**	<0.70	**3.5 J**	**1.4 J**
	SA-172	1 - 2.5	6/26/2009	<1.1	**1.4 J**	<1.3	**12**	**16**	**25**	**16**	**18**	<2.4	**28**	**130 J**	<1.1	**4.2 J**	<120	<0.91	<5.0	**39**	<0.70	**49**	**14**
Pre-Excavation	SA-172	0.5 - 1	8/16/2010	<10	<17	<17	<20	<20	<26	<16	<40	<43	<27	<29	<15	<19	<26	<23	<67	<36	<18	<29	<22
		0.5 - 1.5	8/16/2010 (FD)	<10	<17	<17	<20	<20	<26	<16	<39	<42	<27	<29	<14	<19	<26	<23	<65	<35	<18	<29	<22
2011 Removal Action	DS-C24-1	1.5	5/04/2011	<430	<440	<440	**530 J**	**600 J**	**1,100 J**	**730 J**	**900 J**	**15,000 J**	**980 J**	<500	<500	--	<460	<450	--	**1,000 J**	<470	<460	**790 J**
			5/04/2011 (FD)	<86	<88	<89	**780**	**870 J**	**1,500 J**	**790 J**	**1,400 J**	98 UJ	**1,300**	<100	<100	**200 J**	<93	<90	--	**1,100**	<95	<92	**870 J**
	EE-C24-2	1.5	6/30/2011	<12	<19	<19	**120 J**	<22	**140 J**	**71 J**	45 UJ	--	<30	--	--	<21	--	--	--	**85 J**	<20	**320 J**	**44 J**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-6e. SOIL ANALYTICAL RESULTS, ECA C6
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)								
				1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Nitrobenzene	Octachlorostyrene	Phenanthrene	Pyrene	Pyridine	bis(2-Ethylhexyl)phthalate
			HSSL:	770	368,000	11,300	22,500	--	24,500	44,000	1,300,000	252,000
Phase B	SA-153	1 - 2.5	6/29/2009	--	**2.4 J**	**1.7 J**	<1.8	<3.6	**4.5 J**	**3.8 J**	<27	<140
	SA-172	1 - 2.5	6/26/2009	--	**3.5 J**	**2.8 J**	<1.8	**14**	**15**	**28**	<27	<140
Pre-Excavation	SA-172	0.5 - 1	8/16/2010	--	<19	<31	<22	<58	<17	**14 J**	<130	<47
		0.5 - 1.5	8/16/2010 (FD)	--	<19	<30	<22	<56	<17	**17 J**	<130	<45
2011 Removal Action	DS-C24-1	1.5	5/04/2011	<18	<440	<420	<390	--	<480	**1,000 J**	<370	<500
			5/04/2011 (FD)	**21 J**	<88	<85	<79	--	**280 J**	**1,300**	<75	**150 J**
	EE-C24-2	1.5	6/30/2011	**27**	<21	<35	--	--	**57 J**	**110 J**	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-6f. SOIL ANALYTICAL RESULTS, ECA C6
PAHs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PAHs (µg/kg)																
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
			HSSL:	118,000	44,000	4,260	9,980	3,500	35,000	25,100,000	350,000	3,500,000	3,500	33,500,000	93,100	35,000	368,000	11,300	24,500	44,000
2011 Removal Action	DS-C24-1	1.5	5/04/2011	<19	**22 J**	**17 J**	**360 J**	**460 J**	**900 J**	**500 J**	**620 J**	**740 J**	**97 J**	**710 J**	<20	**450 J**	<17	**13 J**	**180 J**	**720 J**
			5/04/2011 (FD)	<21	**44 J**	**54 J**	**900 J**	**930 J**	**1,500 J**	**780 J**	**1,100 J**	**1,400 J**	**160 J**	**1,600 J**	<21	**710 J**	**27 J**	**14 J**	**590 J**	**1,700 J**
	EE-C24-2	1.5	6/30/2011	<0.88	<0.93	<4.0	**64**	**31**	**130**	**50**	**33**	**170**	**15 J**	**200**	<2.6	**53**	**56**	**49**	**180**	**200**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-6h. SOIL ANALYTICAL RESULTS, ECA C6
Dioxins/Furans (pg/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Dioxins/Furans (pg/g)																	
				TCDD	PeCDD	1,4-HxCDD	1,6-HxCDD	1,9-HxCDD	1,4,6-HpCDD	OCDD	TCDF	1-PeCDF	4-PeCDF	1,4-HxCDF	1,6-HxCDF	1,9-HxCDF	4,6-HxCDF	1,4,6-HpCDF	1,4,9-HpCDF	OCDF	Total Dioxin/Furan TEQ (Calculated)
			HSSL:	26.7	--	--	--	581	--	--	--	--	--	--	--	--	--	--	--	--	2,700
Phase B	SA-153	1 - 2.5	6/29/2009	**0.263 J**	**0.362 JK**	<0.335	**0.772 J**	**0.856 J**	**2.15**	**3.02 J**	**4.33**	**5.40**	**3.66**	**9.72**	**6.16 JK**	**0.905 JK**	**4.07 JK**	**17.8**	**9.16**	**58.9**	**4.9**
	SA-172	1 - 2.5	6/26/2009	**2.37**	**7.22**	**4.98**	**9.22**	**10.8**	**39.2**	**155**	**67.8**	**92.2**	**40.7**	**210**	**128**	**22.2**	**72.6**	**421**	**202**	**1,260 J**	**84**
Pre-Excavation	SA-172	0.5 - 1	8/16/2010	<0.12	<0.21	**0.33 J**	**0.78 J**	**0.46 J**	**2.8 JK**	**25 J**	**2.8**	**5.2 J**	**2.8**	**8.8**	**6.9 J**	**1.4 J**	**1.7 J**	**26**	**11**	**73 J**	**3.7**
		0.5 - 1.5	8/16/2010 (FD)	<0.10	**0.57 JK**	**0.42 JK**	**1.1 J**	**0.67 J**	**3.7**	**9.5 J**	**4.3**	**8.4 J**	**4.3**	**11**	**11 J**	**1.9 J**	**2.9**	**42**	**19**	**120 J**	**6.1**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pg/g: picograms per gram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-6k. SOIL ANALYTICAL RESULTS, ECA C6
Petroleum Indicators (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Petroleum Indicators	
				Petroleum Hydrocarbons	Diesel Range Organics
			HSSL:	--	--
Phase B	SA-153	1 - 2.5	6/29/2009	<41	<41
	SA-172	1 - 2.5	6/26/2009	<42	<42

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-6m. SOIL ANALYTICAL RESULTS, ECA C6
Asbestos (s/samp)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Asbestos (s/samp)								
				Long Amphibole Protocol Structures Count	Long Asbestos Protocol Structures Count	Long Chrysotile Protocol Structures Count	Short Amphibole Structures Counts	Short Asbestos Structures Counts	Short Chrysotile Structures Counts	Total Amphibole Protocol Structures Count	Total Asbestos Protocol Structures Count	Total Chrysotile Protocol Structures Count
			HSSL:	0	--	5	--	--	--	--	--	--
Phase B	SA-153	0.5 - 1	7/31/2009	0	0	0	0	**1**	**1**	0	**1**	**1**
	SA-172	0.5 - 1	7/31/2009	0	0	0	0	0	0	0	0	0

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
s/samp: strands per sample
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-7a. SOIL ANALYTICAL RESULTS, ECA C7
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)												
				Ammonia	Bromide	Carbonate as CO_3	Chlorate	Chloride	Chromium (total)	Chromium VI	Cyanide (total)	Nitrate (as NO_3)	Nitrite	Perchlorate	Sulfate
			HSSL:	27,900	--	--	38,900	--	100,000	564	164	100,000	120,000	908	--
Phase B	RSAP6	0 - 1.5	10/08/2009	<0.097	<0.2	<3	**1.12**	**23.2**	**5.5**	<0.19	--	**26 J+**	<0.08	**1.92**	**3,590**
	SA-117	0.5 - 2	9/18/2009	<0.097	<0.2	**80**	**0.070 J**	**10.4 J**	**8.06**	<0.20	<0.42	**5 J**	<0.08	<0.044	**94.7 J**
		9 - 10.5	9/18/2009	<0.097	<0.2	**5 J**	**1.32**	**312 J**	**9.05**	<0.20	<0.5	**14 J**	<0.08	**5.97**	**267 J**
	SA-130	0.5 - 2	10/08/2009	<0.085	<0.2	**30**	**4.28**	**1,890**	**5.92**	**0.21 J**	<0.42	**95 J+**	**0.36**	**200**	**31,700**
		10 - 11.5	10/08/2009	<0.097	<0.2	**12 J**	**2.15**	**110**	**6.1**	<0.19	<0.42	**32 J+**	<0.08	**2.94**	**1,440**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-7b. SOIL ANALYTICAL RESULTS, ECA C7
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)																		
				Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Phosphorus (total)	Platinum	Potassium
			HSSL:	100,000	3,450	7.2	100,000	6,130	100,000	8,180	--	385	51,900	100,000	800	100,000	100,000	3.13	6,490	50,300	100,000	5,190	--
Phase B	RSAP6	0 - 1.5	10/08/2009	**8,790**	<0.5	**1.52**	**179**	**0.441**	**5.3 J**	<0.04	**17,600**	**8.9**	**18.7**	**16,100**	**8.9**	**9,400**	**1,750**	**0.013 J**	**0.52**	**20.5**	**1,030**	**0.005 J**	**2,980**
	SA-117	0.5 - 2	9/18/2009	**7,480**	**1.9 J-**	**1.88**	**138**	**0.47**	**6.5 J**	<0.04	**22,500 J**	**7.9 J**	**18.6**	**16,600**	**6.1**	**9,690**	**344 J+**	**0.013 J**	**0.3 J**	**17.4 J**	**1,010**	**0.008 J**	**2,420**
		9 - 10.5	9/18/2009	**8,510**	**1.3 J-**	**3.43**	**159**	**0.483**	**7.9 J**	**0.37**	**24,000 J**	**6.5**	**17.4**	**14,300**	**8**	**8,780**	**342 J+**	**0.015 J**	**0.39**	**14.1 J**	**821**	**0.01 J**	**2,630**
	SA-130	0.5 - 2	10/08/2009	**3,950**	**30.3**	**118**	**2,490**	**2.16**	**13.8**	**2.74**	**31,700**	**13.3**	**171**	**12,700**	**309**	**19,300**	**15,500**	**0.052**	**17**	**11.2**	**836**	**0.057 J**	**2,550**
		10 - 11.5	10/08/2009	**7,470**	**0.8 J**	**1.88**	**157**	**0.392**	**4.5 J**	<0.04	**14,400**	**6.2**	**17.4**	**13,500**	**9.3**	**8,420**	**339**	**0.009 J**	**0.44**	**12.6**	**1,080**	**0.006 J**	**3,060**
Pre-Excavation	SA-130	3 - 4	4/07/2010	--	--	**630**	--	--	--	--	--	--	--	--	--	--	**30,000**	--	--	--	--	--	--
		5 - 6	4/07/2010	--	--	**1,600**	--	--	--	--	--	--	--	--	--	--	**64,000**	--	--	--	--	--	--
			4/07/2010 (FD)	--	--	**1,600**	--	--	--	--	--	--	--	--	--	--	**68,000**	--	--	--	--	--	--
		6 - 7	4/07/2010	--	--	**2,000**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8 - 9	4/07/2010	--	--	**930**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9 - 10	4/07/2010	--	--	**730**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAO5-03	1 - 2	4/08/2010	--	--	**4.6**	--	--	--	--	--	--	--	--	--	--	**350**	--	--	--	--	--	--
			4/08/2010 (FD)	--	--	**4.4**	--	--	--	--	--	--	--	--	--	--	**470**	--	--	--	--	--	--
		5 - 6	4/08/2010	--	--	**3.7**	--	--	--	--	--	--	--	--	--	--	**380**	--	--	--	--	--	--
	SSAP5-01	1.5 - 2.5	9/07/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**380**	--	--	--	--	--	--
		2.5 - 3.5	9/07/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**470**	--	--	--	--	--	--
		3.5 - 4.5	9/07/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**300**	--	--	--	--	--	--
	SSAP5-02	1.5 - 2.5	9/07/2010	--	--	**3.7**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2.5 - 3.5	9/07/2010	--	--	**3.0**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3.5 - 4.5	9/07/2010	--	--	**3.4**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAP6-01	1.5 - 2.5	9/07/2010	--	--	**3.7**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2.5 - 3.5	9/07/2010	--	--	**3.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3.5 - 4.5	9/07/2010	--	--	**3.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			9/07/2010 (FD)	--	--	**3.4**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAP6-02	1.5 - 2.5	9/07/2010	--	--	**4.1**	--	--	--	--	--	--	--	--	--	--	**320**	--	--	--	--	--	--
			9/07/2010 (FD)	--	--	**3.2**	--	--	--	--	--	--	--	--	--	--	**300**	--	--	--	--	--	--
		5.5 - 6.5	9/07/2010	--	--	**3.2**	--	--	--	--	--	--	--	--	--	--	**340**	--	--	--	--	--	--
	SSAP6-03	1.5 - 2.5	9/07/2010	--	--	**4.9**	--	--	--	--	--	--	--	--	--	--	**800**	--	--	--	--	--	--
		5.5 - 6.5	9/07/2010	--	--	**3.4**	--	--	--	--	--	--	--	--	--	--	**360**	--	--	--	--	--	--
	SSAP7-03	1 - 2	9/07/2010	--	--	**3.8**	--	--	--	--	--	--	--	--	--	--	**380**	--	--	--	--	--	--
		5 - 6	9/07/2010	--	--	**3.6**	--	--	--	--	--	--	--	--	--	--	**510**	--	--	--	--	--	--
		10 - 11	9/07/2010	--	--	**2.9**	--	--	--	--	--	--	--	--	--	--	**400**	--	--	--	--	--	--
2011 Removal Action	DS-C24-1	1.5	5/04/2011	--	--	**1.3**	--	--	--	--	--	--	--	--	--	--	**3,610**	--	--	--	--	--	--
	EE-C24-1	6	6/23/2011	--	--	**210**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-7b. SOIL ANALYTICAL RESULTS, ECA C7
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)										
				Selenium	Silver	Sodium	Strontium	Thallium	Tin	Titanium	Tungsten	Uranium (total)	Vanadium	Zinc
			HSSL:	6,490	100,000	--	100,000	13	100,000	100,000	1,040	3,830	100,000	100,000
Phase B	RSAP6	0 - 1.5	10/08/2009	<0.7	<0.2	**484**	**145**	**0.194**	**3.5 J**	**847**	**0.86**	**0.591**	**49.9**	**35.2**
	SA-117	0.5 - 2	9/18/2009	0.7 UJ	<0.2	**1,750**	**161 J**	**0.102**	**3.3 J**	**779 J**	**0.19 J-**	**0.919**	**47.5**	**35.9**
		9 - 10.5	9/18/2009	**1 J**	<0.2	**663**	**163**	**0.093**	**4.1 J**	**685 J**	**0.2 J-**	**0.878**	**41.1**	**30**
	SA-130	0.5 - 2	10/08/2009	<0.7	**9.6**	**1,480**	**526**	**6.41**	**4.2 J**	**475**	**69.9**	**2.66**	**111**	**511**
		10 - 11.5	10/08/2009	<0.7	<0.2	**376**	**140**	**0.099**	**3.9 J**	**738**	**1.15**	**0.691**	**41.1**	**33.5**
Pre-Excavation	SA-130	3 - 4	4/07/2010	--	--	--	--	--	--	--	--	--	--	--
		5 - 6	4/07/2010	--	--	--	--	--	--	--	--	--	--	--
			4/07/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--
		6 - 7	4/07/2010	--	--	--	--	--	--	--	--	--	--	--
		8 - 9	4/07/2010	--	--	--	--	--	--	--	--	--	--	--
		9 - 10	4/07/2010	--	--	--	--	--	--	--	--	--	--	--
	SSAO5-03	1 - 2	4/08/2010	--	--	--	--	--	--	--	--	--	--	--
			4/08/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--
		5 - 6	4/08/2010	--	--	--	--	--	--	--	--	--	--	--
	SSAP5-01	1.5 - 2.5	9/07/2010	--	--	--	--	--	--	--	--	--	--	--
		2.5 - 3.5	9/07/2010	--	--	--	--	--	--	--	--	--	--	--
		3.5 - 4.5	9/07/2010	--	--	--	--	--	--	--	--	--	--	--
	SSAP5-02	1.5 - 2.5	9/07/2010	--	--	--	--	--	--	--	--	--	--	--
		2.5 - 3.5	9/07/2010	--	--	--	--	--	--	--	--	--	--	--
		3.5 - 4.5	9/07/2010	--	--	--	--	--	--	--	--	--	--	--
	SSAP6-01	1.5 - 2.5	9/07/2010	--	--	--	--	--	--	--	--	--	--	--
		2.5 - 3.5	9/07/2010	--	--	--	--	--	--	--	--	--	--	--
		3.5 - 4.5	9/07/2010	--	--	--	--	--	--	--	--	--	--	--
			9/07/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--
	SSAP6-02	1.5 - 2.5	9/07/2010	--	--	--	--	--	--	--	--	--	--	--
			9/07/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--
		5.5 - 6.5	9/07/2010	--	--	--	--	--	--	--	--	--	--	--
	SSAP6-03	1.5 - 2.5	9/07/2010	--	--	--	--	--	--	--	--	--	--	--
		5.5 - 6.5	9/07/2010	--	--	--	--	--	--	--	--	--	--	--
	SSAP7-03	1 - 2	9/07/2010	--	--	--	--	--	--	--	--	--	--	--
		5 - 6	9/07/2010	--	--	--	--	--	--	--	--	--	--	--
		10 - 11	9/07/2010	--	--	--	--	--	--	--	--	--	--	--
2011 Removal Action	DS-C24-1	1.5	5/04/2011	--	--	--	--	--	--	--	--	--	--	--
	EE-C24-1	6	6/23/2011	--	--	--	--	--	--	--	--	--	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-7c. SOIL ANALYTICAL RESULTS, ECA C7
Radionuclides (pCi/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Radionuclides (pCi/g)							
				Radium-226	Radium-228	Thorium-228	Thorium-230	Thorium-232	Uranium-234	Uranium-235	Uranium-238
			HSSL:	0.023	0.046	0.026	14	13	18	0.33	1.5
Phase B	RSAP6	0 - 1.5	10/08/2009	**0.831**	**1.04**	**1.57**	**0.887**	**1.61**	**0.706**	**0.0197 J**	**0.906**
	SA-117	0.5 - 2	9/18/2009	**0.650**	**1.13 J**	**1.53**	**0.785**	**1.33**	**0.934**	**0.0567**	**0.872**
		9 - 10.5	9/18/2009	**0.854**	**1.83 J**	**1.32**	**0.798**	**1.17**	**0.926**	**0.0552**	**0.979**
	SA-130	0.5 - 2	10/08/2009	**1.09**	**0.269 U**	**0.905**	**3.26**	**0.826**	**2.94**	**0.160**	**2.84**
		10 - 11.5	10/08/2009	**0.594**	**0.923**	**1.60**	**0.809**	**1.47**	**0.910**	**0.0368 J**	**0.867**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pCi/g: picocuries per gram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: result above minimum detectable activity
Value: result below minimum detectable activity
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-7d. SOIL ANALYTICAL RESULTS, ECA C7
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Acetone	t-Amyl methyl ether	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene
			HSSL:	100,000,000	--	5,310	679,000	628,000	1,300	95,300	30,300	28,400,000	108,000	145,000	183,000	2,960	1,370,000	2,120,000	1,390	464,000	907,000	26,000,000	10,400,000
Phase B	RSAP6	0 - 1.5	10/08/2009	**6.9 J**	<0.12	<0.50	<0.45	<0.45	<0.55	<0.46	<0.84	<0.82	<0.82	<0.70	<0.60	<0.49	<0.52	<0.52	**6.9**	<0.62	<0.66	<0.59	<0.54
	SA-117	0.5 - 2	9/18/2009	**4.5 J**	<0.13	<0.51	<0.46	<0.46	<0.57	<0.47	<0.87	<0.85	<0.85	<0.72	<0.61	<0.50	<0.54	<0.54	<0.48	<0.64	<0.68	<0.60	<0.56
		9 - 10.5	9/18/2009	<1.5	<0.11	<0.46	<0.41	<0.41	<0.51	<0.42	<0.77	**0.79 J**	<0.75	<0.64	<0.54	<0.45	<0.48	<0.48	<0.43	<0.56	<0.60	<0.53	<0.50
	SA-130	0.5 - 2	10/08/2009	**11 J**	<0.11	<0.46	<0.41	<0.41	<0.51	<0.42	<0.77	<0.75	<0.75	<0.64	<0.54	<0.45	<0.48	<0.48	<0.43	<0.56	<0.60	<0.53	<0.50
		10 - 11.5	10/08/2009	**8.9 J**	<0.12	<0.48	<0.43	<0.43	<0.53	<0.44	<0.81	<0.79	<0.79	<0.68	<0.58	<0.47	<0.50	<0.50	**1.1 J**	<0.60	<0.64	<0.57	<0.52

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-7d. SOIL ANALYTICAL RESULTS, ECA C7
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																			
				p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane	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
			HSSL:	147,000	64.9	43,300	168	98,900	376,000	373,000	11,500	368,000	15,800	2,100	20,000	400,000	304,000	11,700	26,000,000	--	--	--	--
Phase B	RSAP6	0 - 1.5	10/08/2009	<0.69	<0.75	<0.36	<0.33	<0.36	<0.42	<0.56	<0.76	0.56 UJ	<0.50	<0.38	<0.40	<0.34	<0.56	<0.42	<0.39	<0.36	<0.44	<0.37	<0.40
	SA-117	0.5 - 2	9/18/2009	<0.71	<0.77	<0.37	<0.34	<0.37	<0.44	<0.58	<0.78	<0.58	<0.51	<0.39	<0.41	<0.35	<0.58	<0.44	<0.40	<0.37	<0.45	<0.38	<0.41
		9 - 10.5	9/18/2009	<0.63	<0.68	<0.33	<0.30	<0.33	<0.39	<0.52	<0.69	<0.52	<0.46	<0.35	<0.37	<0.31	<0.52	<0.39	<0.36	<0.33	<0.40	<0.34	<0.37
	SA-130	0.5 - 2	10/08/2009	<0.63	<0.68	<0.33	<0.30	<0.33	<0.39	<0.51	<0.69	0.51 UJ	<0.46	<0.35	<0.37	<0.31	<0.51	<0.39	<0.36	<0.33	<0.40	<0.34	<0.37
		10 - 11.5	10/08/2009	<0.67	<0.72	<0.35	<0.32	<0.35	<0.41	<0.54	<0.73	0.54 UJ	<0.48	<0.37	<0.39	<0.33	<0.54	<0.41	<0.38	<0.35	<0.42	<0.36	<0.39

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-7d. SOIL ANALYTICAL RESULTS, ECA C7
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Diisopropyl ether	Ethyl benzene	Ethyl tert-butyl ether	Hexachlorobutadiene	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	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
			HSSL:	2,260,000	26,600	560,000	5,610	1,490,000	217,000	1,130,000	11,300	3,360,000	264,000	867,000	9,070	2,910	107,000	818,000	151,000	125,000	640,000	5,280	6,310
Phase B	RSAP6	0 - 1.5	10/08/2009	<0.26	<0.95	<0.26	<0.81	<0.77	<0.34	<0.41	<0.98	<0.70	<0.55	<0.49	<0.31	<0.44	<0.53	<0.35	<0.78	<0.96	<0.23	<0.63	<0.44
	SA-117	0.5 - 2	9/18/2009	<0.27	<0.98	<0.27	0.84 UJ	<0.79	<0.35	<0.43	<1.1	<0.72	<0.57	<0.50	<0.32	<0.45	<0.55	<0.36	<0.80	<0.99	<0.24	<0.65	<0.45
		9 - 10.5	9/18/2009	<0.24	<0.87	<0.24	0.74 UJ	<0.70	<0.31	<0.38	<0.90	<0.64	<0.51	<0.45	<0.28	<0.40	<0.49	<0.32	<0.71	<0.88	<0.21	<0.57	<0.40
	SA-130	0.5 - 2	10/08/2009	<0.24	<0.87	<0.24	<0.74	<0.70	<0.31	<0.38	<0.90	<0.64	<0.51	<0.45	<0.28	<0.40	<0.49	<0.32	<0.71	<0.88	<0.21	<0.57	<0.40
		10 - 11.5	10/08/2009	<0.25	<0.92	<0.25	<0.78	<0.74	<0.33	<0.40	<0.95	<0.68	<0.53	<0.47	<0.30	<0.42	<0.51	**0.37 J**	<0.75	<0.93	<0.22	<0.61	<0.42

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-7d. SOIL ANALYTICAL RESULTS, ECA C7
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)							
				Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	tert Butyl alcohol
			HSSL:	1,230,000	121	219,000	182,000	1,870	--	434,000	7,270,000
Phase B	RSAP6	0 - 1.5	10/08/2009	<0.36	<0.58	<0.67	<0.56	<0.51	<1.1	<0.68	<7.6
	SA-117	0.5 - 2	9/18/2009	<0.37	<0.59	<0.69	<0.58	<0.53	<1.1	<0.70	<7.8
		9 - 10.5	9/18/2009	<0.33	<0.53	<0.61	<0.52	<0.47	<0.92	<0.62	<6.9
	SA-130	0.5 - 2	10/08/2009	<0.33	<0.52	<0.61	<0.51	<0.47	<0.92	<0.62	<6.9
		10 - 11.5	10/08/2009	<0.35	<0.56	<0.65	<0.54	<0.49	<0.97	<0.66	<7.3

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-7e. SOIL ANALYTICAL RESULTS, ECA C7
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Butylbenzylphthalate	Chrysene	Di-n-butylphthalate	Di-n-octylphthalate	Dibenz(a,h)anthracene	Diethylphthalate	Dimethylphthalate	1,4-Dioxane	Fluoranthene	Fluorene	Hexachlorobenzene	Indeno(1,2,3-cd)pyrene
			HSSL:	118,000	44,000	4,260	9,980	3,500	35,000	25,100,000	350,000	1,860,000	3,500,000	91,200,000	9,120,000	3,500	100,000,000	100,000,000	27,200	33,500,000	93,100	231	35,000
Phase B	RSAP6	0 - 1.5	10/08/2009	<1.1	<0.77	<1.3	<0.60	<0.70	<1.2	<1.3	<0.86	<2.5	<1.1	<35	<1.2	<0.80	<130	<0.93	<5.2	<1.5	<0.72	**3.2 J**	<0.92
	SA-117	0.5 - 2	9/18/2009	<1.1	<0.79	<1.3	<0.61	<0.72	<1.2	<1.3	<0.88	<2.5	<1.1	<35	<1.2	<0.82	<130	<0.94	<5.3	<1.5	<0.73	<0.89	<0.94
		9 - 10.5	9/18/2009	<1.1	<0.79	<1.3	<0.61	<0.72	<1.2	<1.3	<0.88	<2.5	<1.1	**49 J**	<1.2	<0.82	<130	<0.95	<5.3	<1.5	<0.74	<0.89	<0.95
	SA-130	0.5 - 2	10/08/2009	<1.0	<0.74	<1.2	**4.1 J**	**4.8 J**	**9.2**	**7.8**	**6.5 J**	<2.4	**8.5**	**76 J**	<1.1	<0.77	<120	<0.89	<5.0	**14**	<0.69	**5.4 J**	**7.2**
		10 - 11.5	10/08/2009	<1.1	<0.77	<1.3	**6.4 J**	**6.7 J**	**7.1**	**5.3 J**	**4.6 J**	<2.4	**6.7 J**	<35	<1.2	<0.80	<130	<0.92	<5.1	**6.7 J**	<0.72	**8.8**	**5.3 J**
Pre-Excavation	SSAO5-03	1 - 2	4/08/2010	<11	<18	<18	**33 J**	<22	**46 J**	**19 J**	<43	<46	**29 J**	<31	<16	<21	<28	<25	<71	**39 J**	<19	**3,100**	<24
		2 - 3	4/08/2010	<11	<18	<18	<21	<21	<28	<17	<42	<45	<28	<31	<15	<20	<27	<24	<69	<38	<19	**1,100**	<23
		5 - 6	4/08/2010	<11	<17	<17	<21	<21	<27	<16	<41	<44	<28	<30	<15	<19	<27	<24	<68	<37	<18	<30	<23
	SSAP4-02	0	9/07/2010	<11	<18	<18	<21	<21	<28	<17	<43	<46	<29	<31	<15	<20	<28	<25	<71	<38	<19	<31	<24
		3 - 4	9/07/2010	<11	<18	<18	<22	<22	<28	<17	<43	<46	<29	<31	<16	<21	<28	<25	<71	<39	<19	<31	<24
	SSAP4-03	1 - 2	10/13/2010	<11	<18	<18	<21	<21	<27	<16	<41	<44	<28	<30	<15	<20	<27	<24	<68	<37	<19	**33 J**	<23
		2 - 3	10/13/2010	<11	<18	<18	<21	<21	<27	<17	<42	<45	<28	<30	**82 J**	<20	<27	<24	<69	<37	<19	<30	<23
		3 - 4	10/13/2010	<11	<17	<17	<20	<20	<27	<16	<41	<44	<28	<30	**81 J**	<19	<27	<23	<67	<37	<18	<30	<22
		4 - 5	10/13/2010	<10	<17	<17	<20	<20	<27	<16	<41	<44	<27	<29	<15	<19	<26	<23	<67	<37	<18	<29	<22
		5 - 6	10/13/2010	<10	<17	<17	<20	<20	<26	<16	<40	<43	<27	<29	<14	<19	<26	<23	<66	<36	<18	<29	<22
		6 - 7	10/13/2010	<11	<18	<18	<21	<21	<28	<17	<43	<46	<29	<31	<15	<20	<28	<25	<71	<38	<19	<31	<24
		7 - 8	10/13/2010	<11	<17	<17	<20	<20	<27	<16	<41	<44	<28	<30	<15	<19	<27	<24	<68	<37	<18	<30	<23
	SSAP5-02	1.5 - 2.5	9/07/2010	<10	<17	<17	<20	<20	<27	<16	<41	<44	<27	<30	<15	<19	<26	<23	<67	<37	<18	<30	<22
		2.5 - 3.5	9/07/2010	<11	<18	<18	<21	<21	<27	<17	<41	<44	<28	<30	<15	<20	<27	**25 J**	<68	<37	<19	<30	<23
		3.5 - 4.5	9/07/2010	<11	<18	<18	<21	<21	<28	<17	<42	<46	<29	<31	<15	<20	<28	<24	<70	<38	<19	<31	<23
	SSAP5-03	1 - 2	9/08/2010	<10	<17	<17	**26 J**	<20	**41 J**	<16	39 UJ	<42	**33 J**	<28	<14	<19	<25	<23	<65	<35	<18	**1,900**	<22
		2 - 3	9/08/2010	**12 J**	**28 J**	**71 J**	**1,200**	**1,400**	**2,600 J**	**1,100**	42 UJ	<45	**1,400**	<30	<15	**320 J**	<27	<24	<69	**780**	<19	**1,900**	**940**
		3 - 4	9/08/2010	<11	<18	<18	<21	<21	<28	<17	<43	<46	<29	<31	<15	<20	<28	<25	<70	<38	<19	<31	<23
		4 - 5	9/08/2010	<11	<18	<18	<21	<21	<27	<17	<42	<45	<28	<30	<15	<20	<27	<24	<69	<38	<19	**170 J**	<23
		5 - 6	9/08/2010	<11	<18	<18	<21	<21	<28	<17	<42	<46	<29	<31	<15	<20	<28	<24	<70	<38	<19	<31	<23
		10 - 11	9/08/2010	<11	<18	<18	<21	<21	<28	<17	<43	<46	<29	<31	<15	<20	<28	<25	<70	<38	<19	<31	<23
	SSAP6-01	1.5 - 2.5	9/07/2010	<10	<17	<17	<20	<20	<27	<16	<41	<44	<27	<29	<15	<19	<26	<23	<67	<37	<18	<29	<22
		2.5 - 3.5	9/07/2010	<11	<19	<19	<22	<22	<29	<17	<44	<47	<30	<32	<16	<21	<28	<25	<72	<39	<20	<32	<24
		3.5 - 4.5	9/07/2010	<11	<19	<19	<22	<22	<29	<18	<44	<47	<30	<32	<16	<21	<28	<25	<72	<39	<20	<32	<24
			9/07/2010 (FD)	<11	<17	<17	<20	<20	<27	<16	<41	<44	<28	<30	<15	<19	<27	<23	<67	<37	<18	<30	<22
2011 Removal Action	DS-C24-1	1.5	5/04/2011	<430	<440	<440	**530 J**	**600 J**	**1,100 J**	**730 J**	**900 J**	**15,000 J**	**980 J**	<500	<500	--	<460	<450	--	**1,000 J**	<470	<460	**790 J**
			5/04/2011 (FD)	<86	<88	<89	**780**	**870 J**	**1,500 J**	**790 J**	**1,400 J**	98 UJ	**1,300**	<100	<100	**200 J**	<93	<90	--	**1,100**	<95	<92	**870 J**
	EE-C24-1	6	6/23/2011	**1.9 J**	**6.2**	**17**	**55**	**16**	**100**	**34**	**21**	--	**150**	--	--	**12**	--	--	--	**280**	**3.2 J**	--	**40**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-7e. SOIL ANALYTICAL RESULTS, ECA C7
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)								
				1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Nitrobenzene	Octachlorostyrene	Phenanthrene	Pyrene	Pyridine	bis(2-Ethylhexyl)phthalate
			HSSL:	770	368,000	11,300	22,500	--	24,500	44,000	1,300,000	252,000
Phase B	RSAP6	0 - 1.5	10/08/2009	--	<0.59	<0.88	<1.9	<3.7	<1.9	<1.1	<28	<140
	SA-117	0.5 - 2	9/18/2009	--	<0.60	<0.90	<1.9	<3.7	<1.9	<1.1	<29	<140
		9 - 10.5	9/18/2009	--	<0.60	<0.90	<1.9	<3.7	<1.9	<1.1	<29	<140
	SA-130	0.5 - 2	10/08/2009	--	<0.56	**1.4 J**	<1.8	<3.5	**8.5**	**12**	<27	<130
		10 - 11.5	10/08/2009	--	<0.59	<0.87	<1.9	<3.6	**2.8 J**	**8.5**	<28	<140
Pre-Excavation	SSAO5-03	1 - 2	4/08/2010	--	<21	<33	<24	**560**	<18	**65 J**	<140	<50
		2 - 3	4/08/2010	--	<20	<33	<23	**190 J**	<18	**25 J**	<140	<48
		5 - 6	4/08/2010	--	<19	<32	<23	<58	<17	<12	<130	**93 J**
	SSAP4-02	0	9/07/2010	--	<20	<33	<24	<61	<18	<13	<140	<49
		3 - 4	9/07/2010	--	<21	<33	<24	<62	<18	<13	<140	<50
	SSAP4-03	1 - 2	10/13/2010	--	<20	<32	<23	<59	<18	<12	<130	**72 J**
		2 - 3	10/13/2010	--	<20	<32	<23	<59	<18	<13	<130	**76 J**
		3 - 4	10/13/2010	--	<19	<32	<22	<58	<17	<12	<130	**75 J**
		4 - 5	10/13/2010	--	<19	<31	<22	<58	<17	<12	<130	**75 J**
		5 - 6	10/13/2010	--	<19	<31	<22	<57	<17	<12	<130	**69 J**
		6 - 7	10/13/2010	--	<20	<33	<24	<61	<18	<13	<140	<49
		7 - 8	10/13/2010	--	<19	<32	<23	<58	<17	<12	<130	<47
	SSAP5-02	1.5 - 2.5	9/07/2010	--	<19	<32	<22	<58	<17	<12	<130	**100 J**
		2.5 - 3.5	9/07/2010	--	<20	<32	<23	<59	<18	<12	<130	**110 J**
		3.5 - 4.5	9/07/2010	--	<20	<33	<23	<60	<18	<13	<140	**110 J**
	SSAP5-03	1 - 2	9/08/2010	--	<19	<30	<22	**320**	<17	**34 J**	<130	<45
		2 - 3	9/08/2010	--	<20	<33	<23	**320 J**	**120 J**	**1,100**	<140	<48
		3 - 4	9/08/2010	--	<20	<33	<23	<61	<18	<13	<140	**100 J**
		4 - 5	9/08/2010	--	<20	<32	<23	<60	<18	<13	<140	**100 J**
		5 - 6	9/08/2010	--	<20	<33	<23	<60	<18	<13	<140	**100 J**
		10 - 11	9/08/2010	--	<20	<33	<23	<61	<18	<13	<140	**140 J**
	SSAP6-01	1.5 - 2.5	9/07/2010	--	<19	<31	<22	<58	<17	<12	<130	**100 J**
		2.5 - 3.5	9/07/2010	--	<21	<34	<24	<62	<19	<13	<140	<50
		3.5 - 4.5	9/07/2010	--	<21	<34	<24	<62	<19	<13	<140	**120 J**
			9/07/2010 (FD)	--	<19	<32	<22	<58	<17	<12	<130	**110 J**
2011 Removal Action	DS-C24-1	1.5	5/04/2011	<18	<440	<420	<390	--	<480	**1,000 J**	<370	<500
			5/04/2011 (FD)	**21 J**	<88	<85	<79	--	**280 J**	**1,300**	<75	**150 J**
	EE-C24-1	6	6/23/2011	**110**	**210**	**180**	--	--	**530**	**200**	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-7f. SOIL ANALYTICAL RESULTS, ECA C7
PAHs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PAHs (µg/kg)																
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
			HSSL:	118,000	44,000	4,260	9,980	3,500	35,000	25,100,000	350,000	3,500,000	3,500	33,500,000	93,100	35,000	368,000	11,300	24,500	44,000
2011 Removal Action	DS-C24-1	1.5	5/04/2011	<19	**22 J**	**17 J**	**360 J**	**460 J**	**900 J**	**500 J**	**620 J**	**740 J**	**97 J**	**710 J**	<20	**450 J**	<17	**13 J**	**180 J**	**720 J**
			5/04/2011 (FD)	<21	**44 J**	**54 J**	**900 J**	**930 J**	**1,500 J**	**780 J**	**1,100 J**	**1,400 J**	**160 J**	**1,600 J**	<21	**710 J**	**27 J**	**14 J**	**590 J**	**1,700 J**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-7h. SOIL ANALYTICAL RESULTS, ECA C7
Dioxins/Furans (pg/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Dioxins/Furans (pg/g)																	
				TCDD	PeCDD	1,4-HxCDD	1,6-HxCDD	1,9-HxCDD	1,4,6-HpCDD	OCDD	TCDF	1-PeCDF	4-PeCDF	1,4-HxCDF	1,6-HxCDF	1,9-HxCDF	4,6-HxCDF	1,4,6-HpCDF	1,4,9-HpCDF	OCDF	Total Dioxin/Furan TEQ (Calculated)
			HSSL:	26.7	--	--	--	581	--	--	--	--	--	--	--	--	--	--	--	--	2,700
Phase B	SA-117	0.5 - 2	9/18/2009	<0.54	<2.7	<2.7	<2.7	<2.7	2.7 UJ	**6.5 J**	**0.81 J**	**1.2 J**	**0.78 J**	<2.7	<2.7	<2.7	<2.7	**1.8 J**	2.7 UJ	**6.8 J**	--
	SA-130	0.5 - 2	10/08/2009	**0.34 J**	**0.69 J**	**0.51 JK**	**0.99 J**	**0.84 J**	**5.0**	**18**	**4.6**	**8.0**	**4.8**	**16**	**10**	**1.7 J**	**3.2**	**40**	**17**	**120**	--
Pre-Excavation	SSAO5-03	1 - 2	4/08/2010	**31**	**110**	**66**	**150**	**130**	**530**	**560 J**	**730**	**1,500**	**800**	**3,400 J+**	**1,700 J+**	**350 J+**	**310 J+**	**7,600**	**3,600**	**24,000 J**	**1,200**
			4/08/2010 (FD)	**33**	**110**	**84**	**150**	**150**	**630**	**680**	**780**	**1,600**	**820**	**3,600 J+**	**1,800 J+**	**370 J+**	**350 J+**	**8,200**	**4,000**	**28,000**	**1,300**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pg/g: picograms per gram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-7i. SOIL ANALYTICAL RESULTS, ECA C7
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)																			
				Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	Chlordane (total)	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide
			HSSL:	205	274,000	54,700	333,000	11,100	--	500,000	500,000	14,700	10,300	10,600	220	--	--	4,900,000	274,000	--	--	696	366
Phase B	RSAP6	0 - 1.5	10/08/2009	<0.90	<0.90	**1.1 J**	<0.90	<0.90	<4.5	<0.90	<0.90	<1.8	<1.8	<1.8	<1.8	<0.90	<1.8	<1.8	<1.8	<1.8	<1.8	<0.90	<0.90
	SA-117	0.5 - 2	9/18/2009	<0.92	<0.92	<0.92	<0.92	<0.92	<4.6	<0.92	<0.92	<1.9	<1.9	<1.9	<1.9	<0.92	<1.9	<1.9	<1.9	<1.9	<1.9	<0.92	<0.92
		9 - 10.5	9/18/2009	<0.92	<0.92	<0.92	<0.92	<0.92	<4.6	<0.92	<0.92	<1.9	<1.9	<1.9	<1.9	<0.92	<1.9	<1.9	<1.9	<1.9	<1.9	<0.92	<0.92
2011 Removal Action	EE-C24-1	6	6/23/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-7i. SOIL ANALYTICAL RESULTS, ECA C7
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)		
				Hexachlorobenzene	Methoxychlor	Toxaphene
			HSSL:	231	4,560,000	3,210
Phase B	RSAP6	0 - 1.5	10/08/2009	**2.7**	<8.9	<18
	SA-117	0.5 - 2	9/18/2009	<0.92	<9.1	<19
		9 - 10.5	9/18/2009	<0.92	<9.1	<19
2011 Removal Action	EE-C24-1	6	6/23/2011	**140**	--	--

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-7j. SOIL ANALYTICAL RESULTS, ECA C7
Pesticides - OPPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OPPs (µg/kg)																		
				Chlorpyrifos	Coumaphos	Dasanit	Demeton-O	Demeton-S	Diazinon	Dichlorovos	Dimethoate	Disulfoton	EPN	Ethoprop	Famphur	Fenthion	Guthion	Malathion	Merphos	Methyl parathion	Mevinphos	Naled	Parathion
			HSSL:	912,000	--	--	--	--	638,000	12,200	2,010,000	36,500	9,120	--	--	--	2,740,000	18,200,000	1,030	228,000	--	1,290	5,470,000
Phase B	SA-117	0.5 - 2	9/18/2009	<7.0	<3.0	<8.8	<5.7	<5.3	<7.9	<8.0	<7.7	<8.4	<4.0	<5.4	<3.5	<9.5	<3.8	<5.0	<5.6	<6.9	5.0 UJ	25 UJ	<5.7
		9 - 10.5	9/18/2009	<7.0	<3.1	<8.9	<5.8	<5.3	<7.9	<8.1	<7.7	<8.4	<4.0	<5.4	<3.5	<9.5	<3.8	<5.1	<5.6	<6.9	5.0 UJ	25 UJ	<5.8

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-7j. SOIL ANALYTICAL RESULTS, ECA C7
Pesticides - OPPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OPPs (µg/kg)							
				Phorate	Prothiophos	Ronnel	Stirophos	Sulfotepp	Sulprofos	Thionazin	Trichloronate
			HSSL:	182,000	--	26,800	147,000	456,000	--	--	--
Phase B	SA-117	0.5 - 2	9/18/2009	<6.2	<4.2	<16	<4.7	<6.8	<4.6	<6.0	<6.8
		9 - 10.5	9/18/2009	<6.2	<4.3	<17	<4.8	<6.8	<4.6	<6.1	<6.8

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-7k. SOIL ANALYTICAL RESULTS, ECA C7
Petroleum Indicators (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Petroleum Indicators	
				Petroleum Hydrocarbons	Diesel Range Organics
			HSSL:	--	--
Phase B	RSAP6	0 - 1.5	10/08/2009	<43	<43
	SA-117	0.5 - 2	9/18/2009	<43	<43
		9 - 10.5	9/18/2009	<44	<44
	SA-130	0.5 - 2	10/08/2009	<41	<41
		10 - 11.5	10/08/2009	<42	<42

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-7l. SOIL ANALYTICAL RESULTS, ECA C7
Other Organics (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Organics (µg/kg)				
				Benzenesulfonic acid	4-Chlorobenzene sulfonic acid	Diethylphosphoro-dithioate	o,o-Dimethyl Phosphorodithioate	Phthalic acid
			HSSL:	100,000,000	91,200,000	100,000,000	100,000,000	100,000,000
Phase B	SA-117	0.5 - 2	9/18/2009	<250	<250	<250	<1,300	<250
		9 - 10.5	9/18/2009	<250	<250	<250	<1,300	<250

Notes:

(FD): field duplicate

ft bgs: feet below ground surface

µg/kg: micrograms per kilogram

HSSL: health-based soil screening level

'--' : not analyzed

Bold value: detected result

< : Not detected above laboratory reporting limits

Detected above the HSSL.

J : Estimated value

J- : Estimated value, potential negative bias

J+ : Estimated value, potential positive bias

UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-7m. SOIL ANALYTICAL RESULTS, ECA C7
Asbestos (s/samp)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Asbestos (s/samp)								
				Long Amphibole Protocol Structures Count	Long Asbestos Protocol Structures Count	Long Chrysotile Protocol Structures Count	Short Amphibole Structures Counts	Short Asbestos Structures Counts	Short Chrysotile Structures Counts	Total Amphibole Protocol Structures Count	Total Asbestos Protocol Structures Count	Total Chrysotile Protocol Structures Count
			HSSL:	0	--	5	--	--	--	--	--	--
Phase B	SA-130	0	8/25/2009	**8**	**8**	0	**7**	**7**	0	**15**	**15**	0
Pre-Excavation	SSAP5-02	0.5 - 1	8/24/2010	0	2	2	0	**5 J**	**5 J**	0	**7 J**	**7 J**
	SSAP6-02	0.5	8/24/2010	0	0	0	0	0	0	0	0	0
			8/24/2010 (FD)	0	0	0	0	0	0	0	0	0
	SSAP7-03	0 - 0.5	8/24/2010	0	0	0	0	1	1	0	1	1

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-8a. SOIL ANALYTICAL RESULTS, ECA C8
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)												
				Ammonia	Bromide	Carbonate as CO_3	Chlorate	Chloride	Chromium (total)	Chromium VI	Cyanide (total)	Nitrate (as NO_3)	Nitrite	Perchlorate	Sulfate
			HSSL:	27,900	--	--	38,900	--	100,000	564	164	100,000	120,000	908	--
Phase B	SA-178	0.5 - 2	10/14/2009	<0.097	<0.2	**9 J**	**0.098 J**	**9.4 J+**	**4.41**	<0.19	<0.5	**6.3 J+**	<0.08	**0.44**	**294 J+**
		10 - 11.5	10/14/2009	<0.097	<0.2	**16 J**	**0.116 J**	**15.4 J+**	**6.57**	<0.20	<0.42	**28 J+**	<0.08	**0.090**	**54.8 J+**
Pre-Excavation	SSAO7-03	1 - 2	5/05/2010	--	--	--	--	--	--	--	--	--	--	**27**	--
		5 - 6	5/05/2010	--	--	--	--	--	--	--	--	--	--	**42**	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-8b. SOIL ANALYTICAL RESULTS, ECA C8
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)																		
				Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Phosphorus (total)	Platinum	Potassium
			HSSL:	100,000	3,450	7.2	100,000	6,130	100,000	8,180	--	385	51,900	100,000	800	100,000	100,000	3.13	6,490	50,300	100,000	5,190	--
Phase B	SA-178	0.5 - 2	10/14/2009	**7,100**	**0.8 J-**	**2.11**	**172 J**	**0.302 J**	**5.8 J**	<0.04	**19,200 J**	**5.6 J**	**12.8 J**	**11,500 J**	**7.8 J**	**8,400**	**326 J**	**0.012 J**	**0.39 J**	**13.2 J**	**742**	**0.004 J**	**2,070**
		10 - 11.5	10/14/2009	**9,980**	0.6 UJ	**2.23**	**178 J**	**0.446 J**	**6 J**	<0.04	**22,000 J**	**7.5 J**	**19.4 J**	**15,500 J**	**23.3 J**	**9,890**	**349 J**	**0.023**	**0.31 J**	**15.8 J**	**909**	**0.007 J**	**2,380**
Pre-Excavation	SSAO7-03	1 - 2	5/05/2010	--	--	**4.7**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5 - 6	5/05/2010	--	--	**4.0**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAO7-09	1 - 2	9/16/2010	--	--	**5.3 J+**	--	--	--	--	--	--	--	--	**16**	--	**3,000**	--	--	--	--	--	--
		5 - 6	9/16/2010	--	--	**20 J+**	--	--	--	--	--	--	--	--	**84**	--	**3,600**	--	--	--	--	--	--
			9/16/2010 (FD)	--	--	**15 J+**	--	--	--	--	--	--	--	--	**56**	--	**3,300**	--	--	--	--	--	--
		6 - 7	9/16/2010	--	--	**2.9**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		7 - 8	9/16/2010	--	--	**14**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8 - 9	9/16/2010	--	--	**2.3**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9 - 10	9/16/2010	--	--	**3.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		10 - 11	9/16/2010	--	--	**3.2 J+**	--	--	--	--	--	--	--	--	**7.1**	--	**350**	--	--	--	--	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-8b. SOIL ANALYTICAL RESULTS, ECA C8
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)										
				Selenium	Silver	Sodium	Strontium	Thallium	Tin	Titanium	Tungsten	Uranium (total)	Vanadium	Zinc
			HSSL:	6,490	100,000	--	100,000	13	100,000	100,000	1,040	3,830	100,000	100,000
Phase B	SA-178	0.5 - 2	10/14/2009	<0.8	<0.2	**487**	**143**	**0.079 J**	**4.3 J**	**716**	**0.19 J**	**0.96**	**36.5 J**	**27.9**
		10 - 11.5	10/14/2009	<0.8	<0.2	**544**	**242**	**0.087 J**	**3.9 J**	**844**	**0.19 J**	**0.872**	**49.3 J**	**36**
Pre-Excavation	SSAO7-03	1 - 2	5/05/2010	--	--	--	--	--	--	--	--	--	--	--
		5 - 6	5/05/2010	--	--	--	--	--	--	--	--	--	--	--
	SSAO7-09	1 - 2	9/16/2010	--	--	--	--	--	--	--	--	--	--	--
		5 - 6	9/16/2010	--	--	--	--	--	--	--	--	--	--	--
			9/16/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--
		6 - 7	9/16/2010	--	--	--	--	--	--	--	--	--	--	--
		7 - 8	9/16/2010	--	--	--	--	--	--	--	--	--	--	--
		8 - 9	9/16/2010	--	--	--	--	--	--	--	--	--	--	--
		9 - 10	9/16/2010	--	--	--	--	--	--	--	--	--	--	--
		10 - 11	9/16/2010	--	--	--	--	--	--	--	--	--	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-8c. SOIL ANALYTICAL RESULTS, ECA C8
Radionuclides (pCi/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Radionuclides (pCi/g)							
				Radium-226	Radium-228	Thorium-228	Thorium-230	Thorium-232	Uranium-234	Uranium-235	Uranium-238
			HSSL:	0.023	0.046	0.026	14	13	18	0.33	1.5
Phase B	SA-178	0.5 - 2	10/14/2009	**0.567**	**1.05**	**1.53**	**0.984**	**1.37**	**1.15**	**-0.0187 U**	**0.957**
		10 - 11.5	10/14/2009	**0.633**	**1.33**	**1.24**	**0.793**	**1.17**	**0.985**	**0.0493 U**	**0.921**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pCi/g: picocuries per gram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: result above minimum detectable activity
Value: result below minimum detectable activity
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-8d. SOIL ANALYTICAL RESULTS, ECA C8
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																			
				Acetone	t-Amyl methyl ether	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene
			HSSL:	100,000,000	--	5,310	679,000	628,000	1,300	95,300	30,300	28,400,000	108,000	145,000	183,000	2,960	1,370,000	2,120,000	1,390	464,000	907,000	26,000,000	10,400,000
Phase B	SA-178	0.5 - 2	10/14/2009	**38**	<0.11	<0.46	<0.41	<0.41	<0.51	<0.42	<0.78	<0.76	<0.76	<0.65	<0.55	<0.45	<0.48	<0.48	<0.43	<0.57	<0.61	<0.54	<0.50
		10 - 11.5	10/14/2009	**10 J**	<0.11	<0.46	<0.41	<0.41	<0.51	<0.42	<0.78	<0.76	<0.76	<0.65	<0.55	<0.45	<0.48	<0.48	**1.8 J**	<0.57	<0.61	<0.54	<0.50

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-8d. SOIL ANALYTICAL RESULTS, ECA C8
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																			
				p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane	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
			HSSL:	147,000	64.9	43,300	168	98,900	376,000	373,000	11,500	368,000	15,800	2,100	20,000	400,000	304,000	11,700	26,000,000	--	--	--	--
Phase B	SA-178	0.5 - 2	10/14/2009	<0.64	<0.69	<0.33	<0.30	<0.33	<0.39	<0.52	<0.70	<0.52	<0.46	<0.35	<0.37	<0.31	<0.52	<0.39	<0.36	<0.33	<0.40	<0.34	<0.37
		10 - 11.5	10/14/2009	<0.64	<0.69	<0.33	<0.30	<0.33	<0.39	<0.52	<0.70	<0.52	<0.46	<0.35	<0.37	<0.31	<0.52	<0.39	<0.36	<0.33	<0.40	<0.34	<0.37

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-8d. SOIL ANALYTICAL RESULTS, ECA C8
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																			
				Diisopropyl ether	Ethyl benzene	Ethyl tert-butyl ether	Hexachlorobutadiene	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	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
			HSSL:	2,260,000	26,600	560,000	5,610	1,490,000	217,000	1,130,000	11,300	3,360,000	264,000	867,000	9,070	2,910	107,000	818,000	151,000	125,000	640,000	5,280	6,310
Phase B	SA-178	0.5 - 2	10/14/2009	<0.24	<0.88	<0.24	<0.75	<0.71	<0.31	**0.72 J**	<0.91	<0.65	<0.51	<0.45	<0.28	<0.40	<0.49	<0.32	<0.72	<0.89	<0.21	<0.58	<0.40
		10 - 11.5	10/14/2009	<0.24	<0.88	<0.24	<0.75	<0.71	<0.31	<0.38	<0.91	<0.65	<0.51	<0.45	<0.28	<0.40	<0.49	<0.32	<0.72	<0.89	<0.21	<0.58	<0.40

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-8d. SOIL ANALYTICAL RESULTS, ECA C8
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)							
				Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	tert Butyl alcohol
			HSSL:	1,230,000	121	219,000	182,000	1,870	--	434,000	7,270,000
Phase B	SA-178	0.5 - 2	10/14/2009	<0.33	<0.53	<0.62	<0.52	<0.47	<0.92	<0.63	<7.0
		10 - 11.5	10/14/2009	<0.33	<0.53	<0.62	<0.52	<0.47	<0.93	<0.63	<7.0

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-8e. SOIL ANALYTICAL RESULTS, ECA C8
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Butylbenzylphthalate	Chrysene	Di-n-butylphthalate	Di-n-octylphthalate	Dibenz(a,h)anthracene	Diethylphthalate	Dimethylphthalate	1,4-Dioxane	Fluoranthene	Fluorene	Hexachlorobenzene	Indeno(1,2,3-cd)pyrene
			HSSL:	118,000	44,000	4,260	9,980	3,500	35,000	25,100,000	350,000	1,860,000	3,500,000	91,200,000	9,120,000	3,500	100,000,000	100,000,000	27,200	33,500,000	93,100	231	35,000
Phase B	SA-178	0.5 - 2	10/14/2009	<1.1	<0.79	<1.3	<0.61	<0.72	<1.2	<1.3	<0.88	<2.5	**2.2 J**	**62 J**	<1.2	<0.82	<130	<0.95	5.3 UJ	<1.5	<0.73	**130**	<0.94
		10 - 11.5	10/14/2009	<1.1	<0.81	<1.3	<0.63	<0.74	<1.3	<1.3	<0.90	<2.6	<1.1	<36	<1.2	<0.84	<130	**11 J**	5.4 UJ	**4.1 J**	**3.7 J**	<0.92	<0.97
Pre-Excavation	SSAO7-03	0 - 0.5	8/13/2010	<9.7	<16	<16	**27 J**	<19	**47 J**	**17 J**	38 UJ	<40	**34 J**	<27	<14	<18	<24	**22 J**	<62	**61 J**	<17	<27	<21

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-8e. SOIL ANALYTICAL RESULTS, ECA C8
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)							
				2-Methylnaphthalene	Naphthalene	Nitrobenzene	Octachlorostyrene	Phenanthrene	Pyrene	Pyridine	bis(2-Ethylhexyl)phthalate
			HSSL:	368,000	11,300	22,500	--	24,500	44,000	1,300,000	252,000
Phase B	SA-178	0.5 - 2	10/14/2009	<0.60	<0.90	<1.9	**13**	**2.9 J**	**2.5 J**	<29	<140
		10 - 11.5	10/14/2009	<0.62	<0.92	<2.0	<3.8	**8.2**	<1.1	<29	<150
Pre-Excavation	SSAO7-03	0 - 0.5	8/13/2010	<18	<29	<21	<54	**26 J**	**52 J**	<120	**95 J**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-8h. SOIL ANALYTICAL RESULTS, ECA C8
Dioxins/Furans (pg/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Dioxins/Furans (pg/g)																	
				TCDD	PeCDD	1,4-HxCDD	1,6-HxCDD	1,9-HxCDD	1,4,6-HpCDD	OCDD	TCDF	1-PeCDF	4-PeCDF	1,4-HxCDF	1,6-HxCDF	1,9-HxCDF	4,6-HxCDF	1,4,6-HpCDF	1,4,9-HpCDF	OCDF	Total Dioxin/Furan TEQ (Calculated)
			HSSL:	26.7	--	--	--	581	--	--	--	--	--	--	--	--	--	--	--	--	2,700
Phase B	SA-178	0.5 - 2	10/14/2009	<0.53	<2.6	<2.6	<2.6	<2.6	**0.68 JK**	**4.7 J**	**0.33 J**	**0.42 JK**	**0.31 JK**	**1.1 J**	**0.58 JK**	<2.6	<2.6	**2.8**	**1.0 J**	**14**	--
Pre-Excavation	SSAO7-03	0 - 0.5	8/13/2010	**2.7**	**8.4**	**5.4**	**11**	**8.0**	**47**	**130 J**	**100**	**120**	**62**	**170**	**140**	**20**	**39**	**440**	**200**	**860 J**	**90**
		1 - 2	5/05/2010	**14**	**49**	**31**	**69**	**65**	**250 J**	**260 J**	**340 J**	**690**	**360**	**1,700 J**	**980**	**190**	**250**	**3,500 J**	**1,600 J**	**13,000 J**	**610**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pg/g: picograms per gram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-8k. SOIL ANALYTICAL RESULTS, ECA C8
Petroleum Indicators (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Petroleum Indicators	
				Petroleum Hydrocarbons	Diesel Range Organics
			HSSL:	--	--
Phase B	SA-178	0.5 - 2	10/14/2009	<43	<43
		10 - 11.5	10/14/2009	**46**	<45

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-8m. SOIL ANALYTICAL RESULTS, ECA C8
Asbestos (s/samp)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Asbestos (s/samp)								
				Long Amphibole Protocol Structures Count	Long Asbestos Protocol Structures Count	Long Chrysotile Protocol Structures Count	Short Amphibole Structures Counts	Short Asbestos Structures Counts	Short Chrysotile Structures Counts	Total Amphibole Protocol Structures Count	Total Asbestos Protocol Structures Count	Total Chrysotile Protocol Structures Count
			HSSL:	0	--	5	--	--	--	--	--	--
Phase B	SA-178	0 - 0.5	10/02/2009	0	0	0	0	0	0	0	0	0

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-9a. SOIL ANALYTICAL RESULTS, ECA C9
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)											
				Ammonia	Bromide	Carbonate as CO_3	Chlorate	Chloride	Chromium (total)	Chromium VI	Cyanide (total)	Nitrate (as NO_3)	Nitrite	Perchlorate	Sulfate
			HSSL:	27,900	--	--	38,900	--	100,000	564	164	100,000	120,000	908	--
Phase B	SA-53	1 - 2.5	6/23/2009	<0.061	<0.2	<3	**4.98**	**99.8**	**7.58 J**	<0.18	<0.42	**66**	<0.08	**30.2**	**563**
2011 Removal Action	DS-C23-1	5	4/20/2011	--	--	--	--	--	--	--	--	--	--	**11**	--
	EE-C23-1	2	6/16/2011	--	--	--	--	--	--	--	--	--	--	**878**	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-9b. SOIL ANALYTICAL RESULTS, ECA C9
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)																		
				Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Phosphorus (total)	Platinum	Potassium
			HSSL:	100,000	3,450	7.2	100,000	6,130	100,000	8,180	--	385	51,900	100,000	800	100,000	100,000	3.13	6,490	50,300	100,000	5,190	--
Phase B	SA-53	1 - 2.5	6/23/2009	**6,860**	0.4 UJ	**1.83**	**126**	**0.437**	**3.6 J**	**0.07 J**	**20,700 J**	**5.3**	**13.3**	**11,700**	**6.5**	**6,330**	**263**	**0.011 J**	**0.34**	**11.7 J**	**797**	**0.008 J**	**1,700**
Pre-Excavation	SSAO5-07	1 - 2	9/16/2010	--	--	**2.3 J+**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5 - 6	9/16/2010	--	--	**3.3**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2011 Removal Action	DS-C23-1	5	4/20/2011	--	--	**707 J-**	--	--	--	--	--	**174**	--	--	**5,280**	**3,340 J**	**204,000 J**	--	--	--	--	--	--
	EE-C23-1	2	6/16/2011	--	--	**586**	--	--	--	--	--	--	--	--	**3,620**	--	**77,300 J**	--	--	--	--	--	--

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-9b. SOIL ANALYTICAL RESULTS, ECA C9
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)										
				Selenium	Silver	Sodium	Strontium	Thallium	Tin	Titanium	Tungsten	Uranium (total)	Vanadium	Zinc
			HSSL:	6,490	100,000	--	100,000	13	100,000	100,000	1,040	3,830	100,000	100,000
Phase B	SA-53	1 - 2.5	6/23/2009	<0.6	<0.2	**576 J**	**120**	**0.097**	**3.5 J**	**617**	**0.11 J-**	**0.842**	**36.4**	**28.6 J**
Pre-Excavation	SSAO5-07	1 - 2	9/16/2010	--	--	--	--	--	--	--	--	--	--	--
		5 - 6	9/16/2010	--	--	--	--	--	--	--	--	--	--	--
2011 Removal Action	DS-C23-1	5	4/20/2011	--	--	--	--	--	--	--	--	--	--	--
	EE-C23-1	2	6/16/2011	--	--	--	--	--	--	--	--	--	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-9c. SOIL ANALYTICAL RESULTS, ECA C9
Radionuclides (pCi/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Radionuclides (pCi/g)							
				Radium-226	Radium-228	Thorium-228	Thorium-230	Thorium-232	Uranium-234	Uranium-235	Uranium-238
			HSSL:	0.023	0.046	0.026	14	13	18	0.33	1.5
Phase B	SA-53	1 - 2.5	6/23/2009	**0.813**	**0.717 J**	**2.24**	**1.08**	**1.99**	**0.892**	**0.045**	**0.882**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
pCi/g: picocuries per gram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: result above minimum detectable activity
Value: result below minimum detectable activity
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-9d. SOIL ANALYTICAL RESULTS, ECA C9
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																			
				Acetone	t-Amyl methyl ether	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene
			HSSL:	100,000,000	--	5,310	679,000	628,000	1,300	95,300	30,300	28,400,000	108,000	145,000	183,000	2,960	1,370,000	2,120,000	1,390	464,000	907,000	26,000,000	10,400,000
Phase B	SA-53	1 - 2.5	6/23/2009	**19 J**	<0.13	<0.25	<0.36	<0.38	<0.25	<0.50	<0.53	<0.90	<0.69	<0.53	<0.38	<0.53	<0.26	<0.51	<0.38	<0.36	<0.52	<0.64	<0.33

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-9d. SOIL ANALYTICAL RESULTS, ECA C9
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																			
				p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane	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
			HSSL:	147,000	64.9	43,300	168	98,900	376,000	373,000	11,500	368,000	15,800	2,100	20,000	400,000	304,000	11,700	26,000,000	--	--	--	--
Phase B	SA-53	1 - 2.5	6/23/2009	<0.52	<0.82	<0.39	<0.36	<0.39	<0.41	<0.58	<0.70	<0.62	<0.19	<0.31	<0.38	<0.26	<0.37	<0.31	<0.36	<0.33	<0.48	<0.36	<0.43

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-9d. SOIL ANALYTICAL RESULTS, ECA C9
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Diisopropyl ether	Ethyl benzene	Ethyl tert-butyl ether	Hexachlorobutadiene	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	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
			HSSL:	2,260,000	26,600	560,000	5,610	1,490,000	217,000	1,130,000	11,300	3,360,000	264,000	867,000	9,070	2,910	107,000	818,000	151,000	125,000	640,000	5,280	6,310
Phase B	SA-53	1 - 2.5	6/23/2009	<0.29	<1.1	<0.29	<0.89	<0.83	<0.26	<0.45	<1.1	<0.77	<0.46	<0.33	<0.29	<0.38	<0.58	**0.47 J**	<0.85	<0.90	<0.25	<0.28	<0.48

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-9d. SOIL ANALYTICAL RESULTS, ECA C9
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)							
				Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	tert Butyl alcohol
			HSSL:	1,230,000	121	219,000	182,000	1,870	--	434,000	7,270,000
Phase B	SA-53	1 - 2.5	6/23/2009	<0.39	<0.63	<0.44	<0.35	<0.28	<0.75	<0.75	<8.3

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-9e. SOIL ANALYTICAL RESULTS, ECA C9
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Butylbenzylphthalate	Chrysene	Di-n-butylphthalate	Di-n-octylphthalate	Dibenz(a,h)anthracene	Diethylphthalate	Dimethylphthalate	1,4-Dioxane	Fluoranthene	Fluorene	Hexachlorobenzene	Indeno(1,2,3-cd)pyrene
			HSSL:	118,000	44,000	4,260	9,980	3,500	35,000	25,100,000	350,000	1,860,000	3,500,000	91,200,000	9,120,000	3,500	100,000,000	100,000,000	27,200	33,500,000	93,100	231	35,000
Phase B	SA-53	1 - 2.5	6/23/2009	<1.1	<0.75	<1.3	<0.59	<0.69	<1.2	<1.3	<0.84	<2.4	<1.0	**96 J**	<1.1	<0.78	<120	<0.91	<5.0	<1.5	<0.70	<0.86	<0.90
2011 Removal Action	DS-C23-1	5	4/20/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-9e. SOIL ANALYTICAL RESULTS, ECA C9
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)								
				1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Nitrobenzene	Octachlorostyrene	Phenanthrene	Pyrene	Pyridine	bis(2-Ethylhexyl)phthalate
			HSSL:	770	368,000	11,300	22,500	--	24,500	44,000	1,300,000	252,000
Phase B	SA-53	1 - 2.5	6/23/2009	--	<0.58	<0.86	<1.8	3.6 UJ	<1.8	<0.99	<27	<140
2011 Removal Action	DS-C23-1	5	4/20/2011	**14 J**	--	--	--	--	--	--	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-9f. SOIL ANALYTICAL RESULTS, ECA C9
PAHs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PAHs (µg/kg)																
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
			HSSL:	118,000	44,000	4,260	9,980	3,500	35,000	25,100,000	350,000	3,500,000	3,500	33,500,000	93,100	35,000	368,000	11,300	24,500	44,000
2011 Removal Action	DS-C23-1	5	4/20/2011	<2.4	**4.6 J**	**5.7 J**	**110**	**42**	**410**	**220**	**270**	**450**	**58**	**180**	<2.5	**250**	**40**	**8.4 J**	**44**	**260**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-9h. SOIL ANALYTICAL RESULTS, ECA C9
Dioxins/Furans (pg/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Dioxins/Furans (pg/g)																	
				TCDD	PeCDD	1,4-HxCDD	1,6-HxCDD	1,9-HxCDD	1,4,6-HpCDD	OCDD	TCDF	1-PeCDF	4-PeCDF	1,4-HxCDF	1,6-HxCDF	1,9-HxCDF	4,6-HxCDF	1,4,6-HpCDF	1,4,9-HpCDF	OCDF	Total Dioxin/Furan TEQ (Calculated)
			HSSL:	26.7	--	--	--	581	--	--	--	--	--	--	--	--	--	--	--	--	2,700
Phase B	SA-53	1 - 2.5	6/23/2009	<0.0728	<0.0654	<0.0552	<0.0546	**0.236 J**	**0.502 J**	**1.70 J**	<0.497	**0.650 JK**	**0.355 JK**	**1.24 J**	**0.830 J**	**0.165 J**	**0.508 J**	**2.45**	**1.17 J**	**7.28 J+**	**0.5**
2011 Removal Action	DS-C23-1	5	4/20/2011	**1.1**	**2.6**	**2.0 J**	**3.8**	**3.3**	**31**	**270**	**25**	**30**	**16**	**60**	**35**	**5.7**	**11**	**160**	**55**	**530**	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pg/g: picograms per gram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-9k. SOIL ANALYTICAL RESULTS, ECA C9
Petroleum Indicators (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Petroleum Indicators (mg/kg)		
				Petroleum Hydrocarbons	Gasoline Range Organics	Diesel Range Organics
			HSSL:	--	--	--
Phase B	SA-53	1 - 2.5	6/23/2009	<42	<3.8	<42

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-9m. SOIL ANALYTICAL RESULTS, ECA C9
Asbestos (s/samp)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Asbestos (s/samp)								
				Long Amphibole Protocol Structures Count	Long Asbestos Protocol Structures Count	Long Chrysotile Protocol Structures Count	Short Amphibole Structures Counts	Short Asbestos Structures Counts	Short Chrysotile Structures Counts	Total Amphibole Protocol Structures Count	Total Asbestos Protocol Structures Count	Total Chrysotile Protocol Structures Count
			HSSL:	0	--	5	--	--	--	--	--	--
Phase B	SA-53	0.5	7/29/2009	0	0	0	0	0	0	0	0	0

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-10a. SOIL ANALYTICAL RESULTS, ECA C10
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemist
				Perchlorate
			HSSL:	908
2011 Removal Action	DS-C17-1	4.5	5/04/2011	**219**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-10b. SOIL ANALYTICAL RESULTS, ECA C10
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)		
				Arsenic	Magnesium	Manganese
			HSSL:	7.2	100,000	100,000
2011 Removal Action	DS-C17-1	4.5	5/04/2011	**6.4**	**63,400**	--
	EE-C18-1	8.5	5/17/2011	**2.2**	**21,800**	**915**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-10e. SOIL ANALYTICAL RESULTS, ECA C10
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)	
				Hexachlorobenzene	1-Methylnaphthalene
			HSSL:	231	770
2011 Removal Action	DS-C17-1	4.5	5/04/2011	**2,800**	--
	EE-C18-1	8.5	5/17/2011	<4,800	**400 J**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-10f. SOIL ANALYTICAL RESULTS, ECA C10
PAHs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PAHs (µg/kg)																
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
			HSSL:	118,000	44,000	4,260	9,980	3,500	35,000	25,100,000	350,000	3,500,000	3,500	33,500,000	93,100	35,000	368,000	11,300	24,500	44,000
2011 Removal Action	EE-C18-1	8.5	5/17/2011	<100	<70	**170 J**	**730 J**	**1,300**	**1,500**	**1,000 J**	**820 J**	**2,400**	**300 J**	**520 J**	<100	**720 J**	**580 J**	**160 J**	**640 J**	**4,200**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-10h. SOIL ANALYTICAL RESULTS, ECA C10
Dioxins/Furans (pg/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Dioxins/Furans (pg/g)																
				TCDD	PeCDD	1,4-HxCDD	1,6-HxCDD	1,9-HxCDD	1,4,6-HpCDD	OCDD	TCDF	1-PeCDF	4-PeCDF	1,4-HxCDF	1,6-HxCDF	1,9-HxCDF	4,6-HxCDF	1,4,6-HpCDF	1,4,9-HpCDF	OCDF
			HSSL:	26.7	--	--	--	581	--	--	--	--	--	--	--	--	--	--	--	--
2011 Removal Action	DS-C17-1	4.5	5/04/2011	<79	**340 J**	**220 J**	**490 J**	**760 J**	**2,000 J**	**2,000 J**	**4,400**	**3,500**	**1,800 J**	**8,200**	**6,200**	**1,400 J**	**1,300 J**	**23,000**	**11,000**	**72,000**
	EE-C18-1	8.5	5/17/2011	<1,400	**500 JK**	**290 J**	**380 J**	**440 J**	**1,200 J**	**1,900 J**	**5,600**	**2,800 J**	**2,800 J**	**5,600 J**	**4,500 J**	**4,700 JK**	**1,500 J**	**16,000**	**6,700 J**	**35,000**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pg/g: picograms per gram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-11a. SOIL ANALYTICAL RESULTS, ECA C11
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)						
				Chlorate	Chromium (total)	Chromium VI	Nitrate (as NO_3)	Nitrate Nitrite as N	Nitrite	Perchlorate
			HSSL:	38,900	100,000	564	100,000	--	120,000	908
Pre-Excavation	SSAO6-01	1 - 2	4/14/2010	--	--	--	--	--	--	**67**
			4/14/2010 (FD)	--	--	--	--	--	--	**71**
		5 - 6	4/14/2010	--	--	--	--	--	--	**36**
	SSAO6-03	1.5 - 2.5	4/15/2010	--	--	--	--	--	--	**6.3**
		5.5 - 6.5	4/15/2010	--	--	--	--	--	--	**15**
2011 Removal Action	EE-C20-1	2.5	6/16/2011	--	--	--	--	--	--	**7,670**
	EE-C21-1	2	6/16/2011	--	--	--	--	--	--	**840**
	EE-C21-2	2	6/16/2011	--	--	--	--	--	--	**896**
Phase 2 RI	RI-15	5 - 5.5	7/28/2017	**110**	**23**	**0.36 J-**	**22**	**4.9**	<1.2	**21**
		10 - 10.5	7/28/2017	**110**	**19**	0.16 UJ	**26**	**5.9**	<1.1	**33**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-11b. SOIL ANALYTICAL RESULTS, ECA C11
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)																		
				Antimony	Arsenic	Barium	Boron	Cadmium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Niobium	Phosphorus (total)	Silver	Strontium	Thallium	Tungsten
			HSSL:	3,450	7.2	100,000	100,000	8,180	385	51,900	100,000	800	100,000	100,000	3.13	6,490	50,300	130	100,000	100,000	100,000	13	1,040
Pre-Excavation	SSAO6-01	1 - 2	4/14/2010	--	**5.6**	--	--	--	--	--	--	--	**13,000**	--	--	--	--	--	--	--	--	--	--
			4/14/2010 (FD)	--	**5.4**	--	--	--	--	--	--	--	**11,000**	--	--	--	--	--	--	--	--	--	--
		5 - 6	4/14/2010	--	**3.7**	--	--	--	--	--	--	--	**10,000**	--	--	--	--	--	--	--	--	--	--
	SSAO6-03	1.5 - 2.5	4/15/2010	--	**6.8**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5.5 - 6.5	4/15/2010	--	**4.0**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2011 Removal Action	EE-C20-1	2.5	6/16/2011	--	**1,000**	--	--	--	--	--	--	**2,420**	--	**85,700 J**	--	--	--	--	--	--	--	--	--
	EE-C21-1	2	6/16/2011	--	**463**	--	--	--	--	--	--	--	--	**61,500 J**	--	--	--	--	--	--	--	--	--
	EE-C21-2	2	6/16/2011	--	**190**	--	--	--	--	--	--	--	--	**45,900 J**	--	--	--	--	--	--	--	--	--
Phase 2 RI	RI-15	5 - 5.5	7/28/2017	0.45 UJ	**6.3**	**170 J-**	**8.4**	<0.26	**8.3**	**26**	**21,000**	**32**	**9,400**	**740**	<0.013	**1.7 J**	**14**	<2.7	**1,300 J**	<0.79	**150 J**	<0.45	2.6 UJ
		10 - 10.5	7/28/2017	0.47 UJ	**5.8**	**170 J-**	**7.7**	<0.26	**8.2**	**20**	**21,000**	**17**	**8,600**	**580**	<0.012	**1.4 J**	**14**	<2.8	**1,300 J**	<0.77	**160 J**	<0.47	2.6 UJ

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-11b. SOIL ANALYTICAL RESULTS, ECA C11
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)	
				Vanadium	Zirconium
			HSSL:	100,000	104
Pre-Excavation	SSAO6-01	1 - 2	4/14/2010	--	--
			4/14/2010 (FD)	--	--
		5 - 6	4/14/2010	--	--
	SSAO6-03	1.5 - 2.5	4/15/2010	--	--
		5.5 - 6.5	4/15/2010	--	--
2011 Removal Action	EE-C20-1	2.5	6/16/2011	--	--
	EE-C21-1	2	6/16/2011	--	--
	EE-C21-2	2	6/16/2011	--	--
Phase 2 RI	RI-15	5 - 5.5	7/28/2017	**54**	**12**
		10 - 10.5	7/28/2017	**55**	**14**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated qu

Table A-11c. SOIL ANALYTICAL RESULTS, ECA C11
Radionuclides (pCi/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Radionuclides (pCi/g)				
				Radium-226	Radium-228	Thorium-228	Thorium-230	Thorium-232
			HSSL:	0.023	0.046	0.026	14	13
Phase 2 RI	RI-15	5 - 5.5	7/28/2017	**0.927**	**1.95**	**2.00**	**1.23**	**1.99**
		10 - 10.5	7/28/2017	**0.790**	**1.42**	**2.07**	**1.19**	**1.78**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
pCi/g: picocuries per gram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: result above minimum detectable activity
Value: result below minimum detectable activity
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-11e. SOIL ANALYTICAL RESULTS, ECA C11
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Acenaphthene	Acenaphthylene	Aniline	Anthracene	Benzidine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	Benzyl alcohol	4-Bromophenyl-phenyl ether	Butylbenzylphthalate	4-Chloroaniline	2-Chloronaphthalene	2-Chlorophenol	4-Chlorophenyl-phenyl ether	Chrysene	Di-n-butylphthalate
			HSSL:	118,000	44,000	619,000	4,260	15.3	9,980	3,500	35,000	25,100,000	350,000	100,000,000	91,200,000	--	1,860,000	17,600	175,000	6,490,000	--	3,500,000	91,200,000
Pre-Excavation	SSAN6-06	0 - 0.5	6/17/2010	<10	<17	--	<17	--	<20	<20	<26	<16	<39	--	--	--	<42	--	--	--	--	<27	<28
	SSAO6-01	1 - 2	4/14/2010	<11	<18	--	<18	--	<21	<21	<28	<17	<43	--	--	--	<46	--	--	--	--	<29	<31
2011 Removal Action	EE-C21-1	2	6/16/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	EE-C21-2	2	6/16/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phase 2 RI	RI-15	5 - 5.5	7/28/2017	70 UJ	73 UJ	89 UJ	84 UJ	690 UJ	73 UJ	70 UJ	73 UJ	120 UJ	73 UJ	360 UJ	160 UJ	79 UJ	84 UJ	140 UJ	70 UJ	73 UJ	89 UJ	79 UJ	94 UJ
		10 - 10.5	7/28/2017	68 UJ	71 UJ	86 UJ	81 UJ	670 UJ	71 UJ	68 UJ	71 UJ	110 UJ	71 UJ	350 UJ	150 UJ	76 UJ	81 UJ	140 UJ	68 UJ	71 UJ	86 UJ	76 UJ	91 UJ

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-11e. SOIL ANALYTICAL RESULTS, ECA C11
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Di-n-octylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	3,3'-Dichlorobenzidine	2,4-Dichlorophenol	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,4-Dioxane	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	1-Methylnaphthalene
			HSSL:	9,120,000	3,500	171,000	7,840	2,740,000	100,000,000	18,200,000	100,000,000	1,820,000	11,400	2,350	27,200	33,500,000	93,100	231	7,460	8,470	35,000	3,710,000	770
Pre-Excavation	SSAN6-06	0 - 0.5	6/17/2010	<14	<19	--	--	--	<26	--	<23	--	--	--	<65	<35	<18	**930**	--	--	<22	--	--
	SSAO6-01	1 - 2	4/14/2010	<15	<20	--	--	--	<28	--	<24	--	--	--	<70	<38	<19	<31	--	--	<23	--	--
2011 Removal Action	EE-C21-1	2	6/16/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**27 J**
	EE-C21-2	2	6/16/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**11 J**
Phase 2 RI	RI-15	5 - 5.5	7/28/2017	94 UJ	100 UJ	70 UJ	160 UJ	70 UJ	100 UJ	140 UJ	70 UJ	350 UJ	84 UJ	100 UJ	--	73 UJ	73 UJ	73 UJ	140 UJ	140 UJ	140 UJ	70 UJ	160 UJ
		10 - 10.5	7/28/2017	91 UJ	100 UJ	68 UJ	150 UJ	68 UJ	97 UJ	130 UJ	68 UJ	340 UJ	81 UJ	97 UJ	--	71 UJ	71 UJ	71 UJ	140 UJ	140 UJ	130 UJ	68 UJ	150 UJ

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-11e. SOIL ANALYTICAL RESULTS, ECA C11
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																			
				2-Methylnaphthalene	2-Methylphenol	3&4-Methylphenol	Naphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Nitrobenzene	2-Nitrophenol	4-Nitrophenol	n-Nitrosodiphenylamine	Octachlorostyrene	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	bis(2-Chloroethoxy) methane
			HSSL:	368,000	45,600,000	16,000,000	11,300	8,840,000	--	176,000	22,500	--	7,290,000	720,000	--	8,450	24,500	100,000,000	44,000	1,300,000	91,200,000	321,000	2,740,000
Pre-Excavation	SSAN6-06	0 - 0.5	6/17/2010	<19	--	--	<30	--	--	--	<22	--	--	--	**360**	--	<17	--	<12	<130	--	--	--
	SSAO6-01	1 - 2	4/14/2010	<20	--	--	<33	--	--	--	<23	--	--	--	<61	--	<18	--	**14 J**	<140	--	--	--
2011 Removal Action	EE-C21-1	2	6/16/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	EE-C21-2	2	6/16/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phase 2 RI	RI-15	5 - 5.5	7/28/2017	73 UJ	84 UJ	140 UJ	70 UJ	70 UJ	140 UJ	140 UJ	73 UJ	140 UJ	150 UJ	84 UJ	2,400 UJ	360 UJ	70 UJ	94 UJ	140 UJ	160 UJ	140 UJ	79 UJ	140 UJ
		10 - 10.5	7/28/2017	71 UJ	81 UJ	140 UJ	68 UJ	68 UJ	140 UJ	140 UJ	71 UJ	140 UJ	140 UJ	81 UJ	2,300 UJ	350 UJ	68 UJ	91 UJ	140 UJ	150 UJ	130 UJ	76 UJ	140 UJ

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-11e. SOIL ANALYTICAL RESULTS, ECA C11
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)			
				bis(2-Chloroethyl) ether	bis(2-Ethylhexyl)phthalate	4-Chloro-3-methylphenol	n-Nitroso-di-n-propylamine
			HSSL:	1,150	252,000	91,200,000	504
Pre-Excavation	SSAN6-06	0 - 0.5	6/17/2010	--	<45	--	--
	SSAO6-01	1 - 2	4/14/2010	--	<49	--	--
2011 Removal Action	EE-C21-1	2	6/16/2011	--	--	--	--
	EE-C21-2	2	6/16/2011	--	--	--	--
Phase 2 RI	RI-15	5 - 5.5	7/28/2017	73 UJ	94 UJ	73 UJ	73 UJ
		10 - 10.5	7/28/2017	71 UJ	91 UJ	71 UJ	71 UJ

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-11f. SOIL ANALYTICAL RESULTS, ECA C11
PAHs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PAHs (µg/kg)																
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
			HSSL:	118,000	44,000	4,260	9,980	3,500	35,000	25,100,000	350,000	3,500,000	3,500	33,500,000	93,100	35,000	368,000	11,300	24,500	44,000
2011 Removal Action	EE-C21-1	2	6/16/2011	**5.4 J**	**29 J**	**34 J**	**4.2 J**	<4.5	**22 J**	<11	**18 J**	**27 J**	<13	**27 J**	<5.5	**7.0 J**	**36 J**	**17 J**	**51 J**	**24 J**
	EE-C21-2	2	6/16/2011	<5.0	**12 J**	**13 J**	**5.2 J**	<4.2	**23 J**	<11	**19 J**	**18 J**	<13	**23 J**	<5.2	**6.1 J**	**14 J**	**8.3 J**	**28 J**	**15 J**
Phase 2 RI	RI-15	5 - 5.5	7/28/2017	4.3 UJ	4.3 UJ	4.3 UJ	4.3 UJ	4.3 UJ	4.3 UJ	4.3 UJ	4.3 UJ	4.3 UJ	4.3 UJ	4.3 UJ	4.3 UJ	4.3 UJ	--	4.3 UJ	4.3 UJ	4.3 UJ
		10 - 10.5	7/28/2017	4.1 UJ	4.1 UJ	4.1 UJ	4.1 UJ	4.1 UJ	4.1 UJ	4.1 UJ	4.1 UJ	4.1 UJ	4.1 UJ	4.1 UJ	4.1 UJ	4.1 UJ	--	4.1 UJ	4.1 UJ	4.1 UJ

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-11g. SOIL ANALYTICAL RESULTS, ECA C11
PCBs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PCBs (µg/kg)
				Aroclor-1260
			HSSL:	1,650
Phase 2 RI	RI-15	5 - 5.5	7/28/2017	<18
		10 - 10.5	7/28/2017	<18

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-11h. SOIL ANALYTICAL RESULTS, ECA C11
Dioxins/Furans (pg/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Dioxins/Furans (pg/g)																	
				TCDD	PeCDD	1,4-HxCDD	1,6-HxCDD	1,9-HxCDD	1,4,6-HpCDD	OCDD	TCDF	1-PeCDF	4-PeCDF	1,4-HxCDF	1,6-HxCDF	1,9-HxCDF	4,6-HxCDF	1,4,6-HpCDF	1,4,9-HpCDF	OCDF	Total Dioxin/Furan TEQ (Calculated)
			HSSL:	26.7	--	--	--	581	--	--	--	--	--	--	--	--	--	--	--	--	2,700
Pre-Excavation	SSAN6-06	0 - 0.5	6/17/2010	**150**	**610**	**460**	**760**	**490**	**2,800**	**2,700**	**3,700**	**7,500**	**4,000**	**8,100**	**10,000**	**2,000**	**2,200**	**41,000 J**	**18,000**	**95,000 J**	**5,600**
		1 - 2	4/12/2010	**44**	**150**	**110**	**190**	**150**	**600 J**	**560 J**	**970 J**	**1,900 J**	**1,000**	**1,200 J**	**2,500 J**	**500**	**530**	**7,400 J**	**4,500 J**	**18,000 J**	**1,300**
	SSAO6-01	1 - 2	4/14/2010	**1.7**	**5.0**	**2.9**	**6.5**	**4.9**	**21**	**26 J**	**38**	**68**	**36**	**120**	**82**	**11**	**21**	**290**	**120**	**790 J**	**53**
	SSAO6-03	1.5 - 2.5	4/15/2010	**1.4**	**4.4**	**2.9**	**6.1**	**5.1**	**24 J**	**35 J**	**32**	**64**	**35**	**140**	**100**	**15**	**27**	**320 J**	**180 J**	**860 J**	**56**
Phase 2 RI	RI-15	5 - 5.5	7/28/2017	**0.16 J**	**0.75 J**	**0.60 J**	**1.2 J**	**1.2 J**	**4.2 J**	**6.0 J**	**3.9**	**7.1**	**4.0 J**	**14**	**10**	**1.6 J**	**2.7 J**	**39**	**16**	**92**	**6.5**
		10 - 10.5	7/28/2017	**0.23 J**	**0.70 J**	**0.61 J**	**1.2 J**	**1.2 J**	**4.7 J**	**6.8 J**	**4.5**	**8.0**	**4.3 J**	**18**	**12**	**1.8 J**	**2.9 J**	**44**	**18**	**110**	**7.4**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pg/g: picograms per gram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-11i. SOIL ANALYTICAL RESULTS, ECA C11
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)																			
				Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	2,4'-DDE	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide
			HSSL:	205	274,000	54,700	333,000	11,100	500,000	500,000	14,700	--	10,300	10,600	220	--	--	4,900,000	274,000	--	--	696	366
Phase 2 RI	RI-15	5 - 5.5	7/28/2017	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	2.1 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	2.1 UJ	1.6 UJ	1.6 UJ	2.1 UJ	2.1 UJ	2.1 UJ
		10 - 10.5	7/28/2017	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	2.1 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	2.1 UJ	1.5 UJ	1.5 UJ	2.1 UJ	2.1 UJ	2.1 UJ

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-11i. SOIL ANALYTICAL RESULTS, ECA C11
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)	
				Methoxychlor	Toxaphene
			HSSL:	4,560,000	3,210
Phase 2 RI	RI-15	5 - 5.5	7/28/2017	1.6 UJ	53 UJ
		10 - 10.5	7/28/2017	1.5 UJ	51 UJ

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated qu

Table A-11m. SOIL ANALYTICAL RESULTS, ECA C11
Asbestos (s/samp)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Asbestos (s/samp)								
				Long Amphibole Protocol Structures Count	Long Asbestos Protocol Structures Count	Long Chrysotile Protocol Structures Count	Short Amphibole Structures Counts	Short Asbestos Structures Counts	Short Chrysotile Structures Counts	Total Amphibole Protocol Structures Count	Total Asbestos Protocol Structures Count	Total Chrysotile Protocol Structures Count
			HSSL:	0	--	5	--	--	--	--	--	--
Pre-Excavation	SSAO6-03	1.5	8/04/2010	0	0	0	**1**	**1**	0	**1**	**1**	0

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-12a. SOIL ANALYTICAL RESULTS, ECA GROUP C12/C15
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)						
				Chlorate	Chromium (total)	Chromium VI	Nitrate (as NO_3)	Nitrate Nitrite as N	Nitrite	Perchlorate
			HSSL:	38,900	100,000	564	100,000	--	120,000	908
Phase 2 RI	RI-14	5 - 5.5	7/26/2017	**26**	**18**	<0.16	**120**	**27**	<1.2	**59**
		10 - 10.5	7/26/2017	**29**	**20**	<0.16	**100**	**23**	<1.1	**57**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-12b. SOIL ANALYTICAL RESULTS, ECA GROUP C12/C15
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)																		
				Antimony	Arsenic	Barium	Boron	Cadmium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Niobium	Phosphorus (total)	Silver	Strontium	Thallium	Tungsten
			HSSL:	3,450	7.2	100,000	100,000	8,180	385	51,900	100,000	800	100,000	100,000	3.13	6,490	50,300	130	100,000	100,000	100,000	13	1,040
Phase 2 RI	RI-14	5 - 5.5	7/26/2017	0.51 UJ	**4.0**	**180**	**7.4**	<0.27	**8.8**	**20**	**20,000 J**	**9.8**	**9,600**	**490 J**	**0.014 J**	<1.1	**19**	<3.0	**1,100**	<0.80	**210 J+**	<0.51	2.7 UJ
		10 - 10.5	7/26/2017	0.52 UJ	**3.9**	**200**	**9.2**	<0.27	**11**	**24**	**24,000 J**	**12**	**12,000**	**620 J**	**0.019 J**	<1.1	**21**	<3.1	**1,600**	<0.80	**250 J+**	<0.52	2.7 UJ

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-12b. SOIL ANALYTICAL RESULTS, ECA GROUP C12/C15
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)	
				Vanadium	Zirconium
			HSSL:	100,000	104
Phase 2 RI	RI-14	5 - 5.5	7/26/2017	**56**	**16**
		10 - 10.5	7/26/2017	**66**	**20**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated qu

Table A-12c. SOIL ANALYTICAL RESULTS, ECA GROUP C12/C15
Radionuclides (pCi/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Radionuclides (pCi/g)				
				Radium-226	Radium-228	Thorium-228	Thorium-230	Thorium-232
			HSSL:	0.023	0.046	0.026	14	13
Phase 2 RI	RI-14	5 - 5.5	7/26/2017	**0.972**	**1.11**	**1.80**	**1.26**	**1.93**
		10 - 10.5	7/26/2017	**1.09 J**	**1.30 J**	**1.81**	**1.17**	**1.94**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
pCi/g: picocuries per gram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: result above minimum detectable activity
Value: result below minimum detectable activity
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-12d. SOIL ANALYTICAL RESULTS, ECA GROUP C12/C15
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																			
				Acetone	t-Amyl methyl ether	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene
			HSSL:	100,000,000	--	5,310	679,000	628,000	1,300	95,300	30,300	28,400,000	108,000	145,000	183,000	2,960	1,370,000	2,120,000	1,390	464,000	907,000	26,000,000	10,400,000
Phase 2 RI	RI-14	5 - 5.5	7/26/2017	<8.1	<1.0	<0.51	<1.0	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<1.0	<1.0	<0.51	<0.51	<1.0	<0.51	<1.0	<1.0	<1.0	<0.51
		10 - 10.5	7/26/2017	<8.1	<1.0	<0.51	<1.0	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<1.0	<1.0	<0.51	<0.51	<1.0	<0.51	<1.0	<1.0	<1.0	<0.51

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-12d. SOIL ANALYTICAL RESULTS, ECA GROUP C12/C15
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																			
				p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane	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
			HSSL:	147,000	64.9	43,300	168	98,900	376,000	373,000	11,500	368,000	15,800	2,100	20,000	400,000	304,000	11,700	26,000,000	--	--	--	--
Phase 2 RI	RI-14	5 - 5.5	7/26/2017	<0.51	<2.0	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<1.0	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<1.0	<0.51	<0.51	<0.51
		10 - 10.5	7/26/2017	<0.51	<2.0	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<1.0	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<1.0	<0.51	<0.51	<0.51

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-12d. SOIL ANALYTICAL RESULTS, ECA GROUP C12/C15
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																			
				Diisopropyl ether	Ethyl benzene	Ethyl tert-butyl ether	Hexachlorobutadiene	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	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
		HSSL:		2,260,000	26,600	560,000	5,610	1,490,000	217,000	1,130,000	11,300	3,360,000	264,000	867,000	9,070	2,910	107,000	818,000	151,000	125,000	640,000	5,280	6,310
Phase 2 RI	RI-14	5 - 5.5	7/26/2017	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<5.1	<1.0	<2.5	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<0.51
		10 - 10.5	7/26/2017	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<5.1	<1.0	<2.5	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<0.51

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
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Detected above the HSSL.
J : Estimated value
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J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-12d. SOIL ANALYTICAL RESULTS, ECA GROUP C12/C15
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)							
				Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	tert Butyl alcohol
			HSSL:	1,230,000	121	219,000	182,000	1,870	--	434,000	7,270,000
Phase 2 RI	RI-14	5 - 5.5	7/26/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.51	<10
		10 - 10.5	7/26/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.51	<10

Notes:
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ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
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Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-12e. SOIL ANALYTICAL RESULTS, ECA GROUP C12/C15
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Acenaphthene	Acenaphthylene	Aniline	Anthracene	Benzidine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	Benzyl alcohol	4-Bromophenyl-phenyl ether	Butylbenzylphthalate	4-Chloroaniline	2-Chloronaphthalene	2-Chlorophenol	4-Chlorophenyl-phenyl ether	Chrysene	Di-n-butylphthalate
			HSSL:	118,000	44,000	619,000	4,260	15.3	9,980	3,500	35,000	25,100,000	350,000	100,000,000	91,200,000	--	1,860,000	17,600	175,000	6,490,000	--	3,500,000	91,200,000
Phase 2 RI	RI-14	5 - 5.5	7/26/2017	<71	<74	<90	<84	<700	<74	<71	<74	**220 J**	<74	<360	<160	<79	<84	<140	<71	<74	<90	<79	<95
		10 - 10.5	7/26/2017	<69	<72	<87	<82	<680	<72	<69	<72	<110	<72	<350	<150	<77	<82	<140	<69	<72	<87	<77	<93

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
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Detected above the HSSL.
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J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
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Table A-12e. SOIL ANALYTICAL RESULTS, ECA GROUP C12/C15
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Di-n-octylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	3,3'-Dichlorobenzidine	2,4-Dichlorophenol	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	1-Methylnaphthalene	2-Methylnaphthalene
			HSSL:	9,120,000	3,500	171,000	7,840	2,740,000	100,000,000	18,200,000	100,000,000	1,820,000	11,400	2,350	33,500,000	93,100	231	7,460	8,470	35,000	3,710,000	770	368,000
Phase 2 RI	RI-14	5 - 5.5	7/26/2017	<95	**150 J**	<71	<160	<71	<100	<140	<71	<350	<84	<100	<74	<74	<74	<140	<140	**140 J**	<71	<160	<74
		10 - 10.5	7/26/2017	<93	<100	<69	<150	<69	<98	<130	<69	<340	<82	<98	<72	<72	<72	<140	<140	<130	<69	<150	<72

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
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UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-12e. SOIL ANALYTICAL RESULTS, ECA GROUP C12/C15
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				2-Methylphenol	3&4-Methylphenol	Naphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Nitrobenzene	2-Nitrophenol	4-Nitrophenol	n-Nitrosodiphenylamine	Octachlorostyrene	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	bis(2-Chloroethoxy) methane	bis(2-Chloroethyl) ether
			HSSL:	45,600,000	16,000,000	11,300	8,840,000	--	176,000	22,500	--	7,290,000	720,000	--	8,450	24,500	100,000,000	44,000	1,300,000	91,200,000	321,000	2,740,000	1,150
Phase 2 RI	RI-14	5 - 5.5	7/26/2017	<84	<140	<71	<71	<140	<140	<74	<140	<150	<84	<2,400	<360	<71	<95	<140	160 UJ	<140	<79	<140	<74
		10 - 10.5	7/26/2017	<82	<140	<69	<69	<140	<140	<72	<140	<140	<82	<2,400	<350	<69	<93	<140	150 UJ	<130	<77	<140	<72

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-12e. SOIL ANALYTICAL RESULTS, ECA GROUP C12/C15
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)		
				bis(2-Ethylhexyl)phthalate	4-Chloro-3-methylphenol	n-Nitroso-di-n-propylamine
			HSSL:	252,000	91,200,000	504
Phase 2 RI	RI-14	5 - 5.5	7/26/2017	<95	<74	<74
		10 - 10.5	7/26/2017	<93	<72	<72

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-12f. SOIL ANALYTICAL RESULTS, ECA GROUP C12/C15
PAHs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PAHs (µg/kg)																
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
			HSSL:	118,000	44,000	4,260	9,980	3,500	35,000	25,100,000	350,000	3,500,000	3,500	33,500,000	93,100	35,000	11,300	24,500	44,000
Phase 2 RI	RI-14	5 - 5.5	7/26/2017	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2
		10 - 10.5	7/26/2017	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-12g. SOIL ANALYTICAL RESULTS, ECA GROUP C12/C15
PCBs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PCBs (µg/kg)
				Aroclor-1260
			HSSL:	1,650
Phase 2 RI	RI-14	5 - 5.5	7/26/2017	<18
		10 - 10.5	7/26/2017	<18

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-12h. SOIL ANALYTICAL RESULTS, ECA GROUP C12/C15
Dioxins/Furans (pg/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Dioxins/Furans (pg/g)																	
				TCDD	PeCDD	1,4-HxCDD	1,6-HxCDD	1,9-HxCDD	1,4,6-HpCDD	OCDD	TCDF	1-PeCDF	4-PeCDF	1,4-HxCDF	1,6-HxCDF	1,9-HxCDF	4,6-HxCDF	1,4,6-HpCDF	1,4,9-HpCDF	OCDF	Total Dioxin/Furan TEQ (Calculated)
			HSSL:	26.7	--	--	--	581	--	--	--	--	--	--	--	--	--	--	--	--	2,700
Phase 2 RI	RI-14	5 - 5.5	7/26/2017	<0.14	**0.31 J**	**0.27 J**	**0.60 J**	**0.79 J**	**3.0 J**	**11**	**3.3**	**4.9 J**	**2.2 J**	**8.0**	**7.5**	**0.89 J**	**1.8 J**	**25**	**8.4**	**66**	**3.9**
		10 - 10.5	7/26/2017	<0.10	**0.27 J**	**0.19 J**	**0.61 J**	**0.57 J**	**2.4 J**	**7.3 J**	**2.9**	**4.0 J**	**2.0 J**	**8.1**	**6.4**	**0.80 J**	**1.2 J**	**20**	**7.0**	**55**	**3.4**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pg/g: picograms per gram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-12i. SOIL ANALYTICAL RESULTS, ECA GROUP C12/C15
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)																			
				Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	2,4'-DDE	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide
			HSSL:	205	274,000	54,700	333,000	11,100	500,000	500,000	14,700	--	10,300	10,600	220	--	--	4,900,000	274,000	--	--	696	366
Phase 2 RI	RI-14	5 - 5.5	7/26/2017	<1.6	<1.6	**1.9 J**	<1.6	<1.6	<2.1	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<2.1	<1.6	<1.6	<2.1	<2.1	<2.1
		10 - 10.5	7/26/2017	<1.6	<1.6	**3.0 J**	<1.6	<1.6	<2.1	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<2.1	<1.6	<1.6	<2.1	<2.1	<2.1

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-12i. SOIL ANALYTICAL RESULTS, ECA GROUP C12/C15
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)	
				Methoxychlor	Toxaphene
			HSSL:	4,560,000	3,210
Phase 2 RI	RI-14	5 - 5.5	7/26/2017	<1.6	<52
		10 - 10.5	7/26/2017	<1.6	<52

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
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< : Not detected above laboratory reporting limits
Detected above the HSSL.
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J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated qu

Table A-13b. SOIL ANALYTICAL RESULTS, ECA C13
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)	
				Arsenic	Magnesium
			HSSL:	7.2	100,000
2011 Removal Action	EE-E14A-1	2	5/18/2011	**2.1 J-**	**10,100 J-**

Notes:

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Detected above the HSSL.

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Table A-13d. SOIL ANALYTICAL RESULTS, ECA C13
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																			
				Acetone	t-Amyl methyl ether	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene
			HSSL:	100,000,000	--	5,310	679,000	628,000	1,300	95,300	30,300	28,400,000	108,000	145,000	183,000	2,960	1,370,000	2,120,000	1,390	464,000	907,000	26,000,000	10,400,000
2011 Removal Action	EE-E14A-1	2	5/18/2011	1.5 UJ	5.2 UJ	0.27 UJ	0.54 UJ	0.98 UJ	0.55 UJ	0.42 UJ	0.90 UJ	1.5 UJ	0.69 UJ	0.78 UJ	0.57 UJ	0.55 UJ	0.30 UJ	0.47 UJ	0.27 UJ	0.52 UJ	0.65 UJ	0.90 UJ	0.54 UJ

Notes:

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Table A-13d. SOIL ANALYTICAL RESULTS, ECA C13
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																			
				p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane	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
			HSSL:	147,000	64.9	43,300	168	98,900	376,000	373,000	11,500	368,000	15,800	2,100	20,000	400,000	304,000	11,700	26,000,000	--	--	--	--
2011 Removal Action	EE-E14A-1	2	5/18/2011	0.66 UJ	0.92 UJ	0.22 UJ	0.28 UJ	0.61 UJ	0.67 UJ	0.31 UJ	0.82 UJ	0.93 UJ	0.30 UJ	0.76 UJ	0.27 UJ	0.93 UJ	0.40 UJ	0.63 UJ	0.60 UJ	0.40 UJ	0.39 UJ	0.67 UJ	0.78 UJ

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Table A-13d. SOIL ANALYTICAL RESULTS, ECA C13
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Diisopropyl ether	1,4-Dioxane	Ethyl tert-butyl ether	Hexachlorobutadiene	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	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
			HSSL:	2,260,000	27,200	560,000	5,610	1,490,000	217,000	1,130,000	11,300	3,360,000	264,000	867,000	9,070	2,910	107,000	818,000	151,000	125,000	640,000	5,280	6,310
2011 Removal Action	EE-E14A-1	2	5/18/2011	5.2 UJ	41 UJ	5.2 UJ	**2.2 J-**	0.77 UJ	0.63 UJ	0.88 UJ	0.66 UJ	0.96 UJ	0.30 UJ	0.32 UJ	0.43 UJ	0.71 UJ	0.64 UJ	0.64 UJ	0.78 UJ	**1.5 J-**	0.38 UJ	0.46 UJ	0.63 UJ

Notes:

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Detected above the HSSL.

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J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-13d. SOIL ANALYTICAL RESULTS, ECA C13
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)							
				Trichlorofluoro methane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	tert Butyl alcohol
			HSSL:	1,230,000	121	219,000	182,000	1,870	--	434,000	7,270,000
2011 Removal Action	EE-E14A-1	2	5/18/2011	0.36 UJ	0.80 UJ	0.53 UJ	0.37 UJ	0.38 UJ	0.85 UJ	0.35 UJ	31 UJ

Notes:

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Detected above the HSSL.

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J+ : Estimated value, potential positive bias
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Table A-13e. SOIL ANALYTICAL RESULTS, ECA C13
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)
				Hexachlorobenzene
			HSSL:	231
2011 Removal Action	EE-E14A-1	2	5/18/2011	**420**

Notes:

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ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
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Detected above the HSSL.

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J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
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Table A-13h. SOIL ANALYTICAL RESULTS, ECA C13
Dioxins/Furans (pg/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Dioxins/Furans (pg/g)																
				TCDD	PeCDD	1,4-HxCDD	1,6-HxCDD	1,9-HxCDD	1,4,6-HpCDD	OCDD	TCDF	1-PeCDF	4-PeCDF	1,4-HxCDF	1,6-HxCDF	1,9-HxCDF	4,6-HxCDF	1,4,6-HpCDF	1,4,9-HpCDF	OCDF
			HSSL:	26.7	--	--	--	581	--	--	--	--	--	--	--	--	--	--	--	--
2011 Removal Action	EE-E14A-1	2	5/18/2011	**260**	**640**	**280**	**590**	**690**	**1,700**	**1,600**	**7,900**	**7,200**	**3,500**	**13,000**	**7,000**	**1,200**	**1,700**	**25,000**	**10,000**	**72,000**

Notes:
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pg/g: picograms per gram
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Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
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Table A-14a. SOIL ANALYTICAL RESULTS, ECA GROUP C14/E2
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)											
				Ammonia	Bromide	Carbonate as CO_3	Chlorate	Chloride	Chromium (total)	Chromium VI	Cyanide (total)	Nitrate (as NO_3)	Nitrite	Perchlorate	Sulfate
			HSSL:	27,900	--	--	38,900	--	100,000	564	164	100,000	120,000	908	--
Phase B	SA-58	0 - 1.5	9/03/2009	<0.097	<0.2	**65**	**2.73**	**394 J+**	**9.63**	<0.19	<0.42	**91 J+**	<0.08	**132**	**186 J+**
		9.5 - 11	9/03/2009	<0.097	<0.2	<3	**7.07**	**530 J+**	**9.87**	<0.20	<0.42	**110 J+**	**8.90**	**279**	**236 J+**
	SA-107	0.5 - 2	8/11/2009	**3.8**	**1.2 J+**	**19 J**	**1.71**	**203**	**13.6**	**0.38 J**	<0.42	**40 J+**	**0.12**	**26.6**	**251**
		10 - 11.5	8/11/2009	**23 J**	**0.7 J**	**14 J**	**10.3**	**791 J**	**9.13**	<0.19	<0.42	**110 J**	**0.93 J**	**37.9**	**683 J**
			8/11/2009 (FD)	**0.55 J**	<0.2	**11 J**	**9.8**	**300 J**	**8.62**	<0.19	<0.42	**33 J**	**0.12 J**	**39.8**	**392 J**
	SA-113	0 - 1.5	8/25/2009	<0.12	<0.2	**26**	<0.044	**5.9 J+**	**6.42 J**	<0.19	<0.42	**11 J+**	<0.08	**1.44**	**104 J**
		9.5 - 11	8/25/2009	<0.097	<0.2	**7 J**	<0.045	**30.4 J+**	**7.8 J**	<0.20	<0.5	**14 J+**	<0.08	**11.6**	**507 J**
	SA-155	10 - 11.5	8/11/2009	**2.1 J+**	<0.2	**4 J**	**1,080**	**2,090**	**20.1**	**1.05**	<0.42	**230 J+**	**0.48**	**363**	**809**
	SA-196	0.5 - 2	8/25/2009	<0.12	<0.2	**55**	<0.043	**4.7 J+**	**6.84 J**	<0.19	<0.42	**7.4 J+**	<0.08	**0.562**	**40.0 J**
		10 - 11.5	8/25/2009	<0.12	<0.2	**11 J**	**0.152 J**	**76.3 J+**	**8.5 J**	<0.20	<0.42	**11 J+**	<0.08	**8.93**	**342 J**
Pre-Excavation	SSAN5-02	5.5 - 6.5	5/17/2010	--	--	--	--	--	--	--	--	--	--	**160**	--
2011 Removal Action	CS-E14B-1	3	6/02/2011	--	--	--	--	--	--	--	--	--	--	**4.39 J**	--
	EE-E14-1	4	6/02/2011	--	--	--	--	--	--	--	--	--	--	**3.38 J**	--

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J+ : Estimated value, potential positive bias
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Table A-14b. SOIL ANALYTICAL RESULTS, ECA GROUP C14/E2
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)																		
				Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Phosphorus (total)	Platinum	Potassium
			HSSL:	100,000	3,450	7.2	100,000	6,130	100,000	8,180	--	385	51,900	100,000	800	100,000	100,000	3.13	6,490	50,300	100,000	5,190	--
Phase B	SA-58	0 - 1.5	9/03/2009	**9,430**	**0.8 J-**	**2.58**	**202**	**0.613**	**7 J**	**0.36**	**25,000**	**7.5**	**19.6**	**17,000**	**19.6**	**12,300**	**566**	**0.03**	**0.51**	**16.7**	**736**	**0.015 J**	**3,780**
		9.5 - 11	9/03/2009	**9,800**	0.6 UJ	**4.43**	**173**	**0.555**	**7.8 J**	**0.24**	**50,700**	**7.3**	**17.6**	**16,400**	**8.4**	**15,000**	**316**	**0.005 J**	**0.35**	**14.6**	**637**	**0.017 J**	**1,750**
	SA-107	0.5 - 2	8/11/2009	**7,540 J**	0.5 UJ	**7.8**	**194**	**0.581**	**13.4**	**0.23**	**26,600**	**11.6**	**23.6 J**	**12,200**	**48.7**	**10,800**	**2,010**	**0.04**	**1.44**	**16**	**1,150**	**0.022 J**	**2,440**
		10 - 11.5	8/11/2009	**8,380 J**	0.5 UJ	**4.16**	**160**	**0.457**	**10.9**	**0.09 J**	**27,200**	**6.7**	**16.5 J**	**12,500**	**8.2**	**10,200**	**311**	**0.013 J**	**0.47**	**12.9**	**730**	**0.012 J**	**1,400**
			8/11/2009 (FD)	**8,650 J**	0.5 UJ	**4.13**	**187**	**0.428**	**10.6 J**	**0.09 J**	**35,900**	**6.9**	**15.9 J**	**12,700**	**8.3**	**10,800**	**363**	**0.01 J**	**0.45**	**12.7**	**767**	**0.01 J**	**1,610**
	SA-113	0 - 1.5	8/25/2009	**7,700**	**0.5 J**	**1.79 J**	**155**	**0.465 J**	**5.5 J**	**0.13**	**18,800 J**	**6.9**	**16.7**	**13,900**	**7.8**	**8,150**	**371 J**	**0.014 J**	**0.47**	**11.8 J**	**947**	**0.007 J**	**2,450**
		9.5 - 11	8/25/2009	**9,700**	**0.7 J**	**3.9 J**	**214**	**0.43 J**	**8.3 J**	**0.07 J**	**31,000 J**	**6**	**19**	**14,900**	**6.7**	**13,500**	**268 J**	**0.013 J**	**0.29 J**	**11.9 J**	**728**	**0.01 J**	**1,710**
	SA-155	10 - 11.5	8/11/2009	**7,780 J**	0.5 UJ	**4.24**	**210**	**0.533**	**49.5**	**0.15**	**25,700**	**10.6**	**33.2 J**	**13,000**	**27.1**	**9,040**	**1,710**	**0.05**	**1.04**	**16**	**1,290**	**0.019 J**	**2,730**
	SA-196	0.5 - 2	8/25/2009	**8,000**	**0.8 J**	**2.14 J**	**153**	**0.436 J**	**7.8 J**	**0.13**	**15,300 J**	**7**	**19.8**	**15,400**	**10.6**	**9,680**	**508 J**	**0.022**	**0.6**	**12.4 J**	**1,110**	**0.007 J**	**2,650**
		10 - 11.5	8/25/2009	**9,530**	**1.4 J**	**2.7 J**	**178**	**0.482 J**	**8.3 J**	**0.11**	**32,700 J**	**7.2**	**18.8**	**15,300**	**7.4**	**13,100**	**334 J**	**0.01 J**	**0.17 J**	**11.9 J**	**728**	**0.007 J**	**1,720**
Pre-Excavation	SA-107	2 - 3	4/16/2010	--	--	**3.4**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5 - 6	4/16/2010	--	--	**3.6**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAM7-06	4.5 - 5.5	10/21/2010	--	--	**6.8**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5.5 - 6.5	10/21/2010	--	--	**4.7**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6.5 - 7.5	10/21/2010	--	--	**3.3**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	SSAM7-07	5 - 6	10/21/2010	--	--	**6.6**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6 - 7	10/21/2010	--	--	**4.7**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2011 Removal Action	CS-E14B-1	3	6/02/2011	--	--	**5.7**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	EE-E14-1	4	6/02/2011	--	--	**16**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

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HSSL: health-based soil screening level
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J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-14b. SOIL ANALYTICAL RESULTS, ECA GROUP C14/E2
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)										
				Selenium	Silver	Sodium	Strontium	Thallium	Tin	Titanium	Tungsten	Uranium (total)	Vanadium	Zinc
			HSSL:	6,490	100,000	--	100,000	13	100,000	100,000	1,040	3,830	100,000	100,000
Phase B	SA-58	0 - 1.5	9/03/2009	<0.7	<0.2	**1,610**	**156**	**0.162**	**5 J**	**912**	**0.26 J-**	**0.907**	**51.9**	**43.3**
		9.5 - 11	9/03/2009	<0.8	<0.2	**839**	**328**	**0.088**	**5.3 J**	**878**	**0.17 J-**	**2.78**	**54.4**	**32.4**
	SA-107	0.5 - 2	8/11/2009	**1 J**	<0.2	**650**	**175**	**0.877**	**4 J**	**550**	**2.29 J-**	**1.03**	**32**	**41.7**
		10 - 11.5	8/11/2009	**1.2 J**	<0.2	**804**	**264**	**0.085**	**3.7 J**	**559**	**0.13 J-**	**2.3**	**34.6**	**25.6**
			8/11/2009 (FD)	<0.8	<0.2	**909**	**268**	**0.086**	**3.9 J**	**560**	**0.14 J-**	**2.12**	**35.4**	**27.3**
	SA-113	0 - 1.5	8/25/2009	**1.1 J**	<0.2	**541**	**111**	**0.091**	**3.7 J**	**674 J**	**0.15**	**0.716**	**39**	**32.8 J**
		9.5 - 11	8/25/2009	**1 J**	<0.2	**889**	**393**	**0.07**	**3.6 J**	**755 J**	**0.17**	**1.99**	**47.4**	**29.8 J**
	SA-155	10 - 11.5	8/11/2009	**1.3 J**	<0.2	**2,080**	**165**	**0.89**	**4.3 J**	**570**	**0.87 J-**	**1.01**	**31.5**	**39.3**
	SA-196	0.5 - 2	8/25/2009	<0.7	<0.2	**733**	**104**	**0.104**	**4 J**	**757 J**	**0.51**	**0.894**	**40.7**	**38.3 J**
		10 - 11.5	8/25/2009	<0.8	<0.2	**667**	**391**	**0.087**	**4.1 J**	**819 J**	**0.19**	**1.36**	**47.7**	**28.7 J**
Pre-Excavation	SA-107	2 - 3	4/16/2010	--	--	--	--	--	--	--	--	--	--	--
		5 - 6	4/16/2010	--	--	--	--	--	--	--	--	--	--	--
	SSAM7-06	4.5 - 5.5	10/21/2010	--	--	--	--	--	--	--	--	--	--	--
		5.5 - 6.5	10/21/2010	--	--	--	--	--	--	--	--	--	--	--
		6.5 - 7.5	10/21/2010	--	--	--	--	--	--	--	--	--	--	--
	SSAM7-07	5 - 6	10/21/2010	--	--	--	--	--	--	--	--	--	--	--
		6 - 7	10/21/2010	--	--	--	--	--	--	--	--	--	--	--
2011 Removal Action	CS-E14B-1	3	6/02/2011	--	--	--	--	--	--	--	--	--	--	--
	EE-E14-1	4	6/02/2011	--	--	--	--	--	--	--	--	--	--	--

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-14c. SOIL ANALYTICAL RESULTS, ECA GROUP C14/E2
Radionuclides (pCi/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Radionuclides (pCi/g)							
				Radium-226	Radium-228	Thorium-228	Thorium-230	Thorium-232	Uranium-234	Uranium-235	Uranium-238
			HSSL:	0.023	0.046	0.026	14	13	18	0.33	1.5
Phase B	SA-58	0 - 1.5	9/03/2009	**0.847**	**1.06 J**	**1.59**	**0.981 J**	**1.33**	**0.810**	**0.059**	**0.872**
		9.5 - 11	9/03/2009	**0.780**	**1.28 J**	**1.22**	**1.34 J**	**1.35**	**2.11**	**0.104 J**	**1.48**
	SA-107	0.5 - 2	8/11/2009	**1.58**	**0.929**	**2.26**	**1.17**	**1.97**	**0.939**	**0.0769**	**0.913**
		10 - 11.5	8/11/2009	**1.51**	**0.618**	**2.01**	**1.55**	**2.08**	**1.36**	**0.0874**	**1.18**
			8/11/2009 (FD)	**1.84**	**0.837**	**2.07**	**1.16**	**1.57**	**1.87**	**0.0877**	**1.36**
	SA-113	0 - 1.5	8/25/2009	**0.888**	**0.266 U**	**2.17 J**	**1.03**	**1.71**	**0.839**	**0.0318**	**0.895**
		9.5 - 11	8/25/2009	**0.562**	**1.93**	**1.91 J**	**1.63**	**2.06**	**1.71**	**0.0713**	**1.33**
	SA-155	10 - 11.5	8/11/2009	**0.914**	**0.891**	**1.93**	**1.01**	**1.67**	**0.920**	**0.0321**	**0.956**
	SA-196	0.5 - 2	8/25/2009	**1.16**	**2.26**	**2.13 J**	**1.11**	**1.95**	**0.806**	**0.0461**	**0.830**
		10 - 11.5	8/25/2009	**0.888**	**1.38**	**1.91 J**	**1.33**	**1.88**	**1.23**	**0.0689**	**1.07**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pCi/g: picocuries per gram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: result above minimum detectable activity
Value: result below minimum detectable activity
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-14d. SOIL ANALYTICAL RESULTS, ECA GROUP C14/E2
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Acetone	t-Amyl methyl ether	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene
			HSSL:	100,000,000	--	5,310	679,000	628,000	1,300	95,300	30,300	28,400,000	108,000	145,000	183,000	2,960	1,370,000	2,120,000	1,390	464,000	907,000	26,000,000	10,400,000
Phase B	SA-58	0 - 1.5	9/03/2009	**11 J+**	<0.14	<0.55	<0.49	<0.49	<0.61	<0.51	<0.94	<0.91	<0.91	<0.78	<0.66	<0.54	<0.58	<0.58	<0.52	<0.68	<0.73	<0.65	<0.60
		9.5 - 11	9/03/2009	**28 J+**	<0.11	<0.43	<0.38	<0.38	<0.48	<0.39	<0.73	**1.1 J**	<0.71	<0.61	<0.51	<0.42	<0.45	<0.45	**0.44 J**	<0.53	<0.57	<0.51	<0.47
	SA-107	0.5 - 2	8/11/2009	**15**	<0.071	<0.30	<0.27	<0.27	<0.33	<0.28	<0.51	<0.49	<0.49	<0.42	<0.36	<0.30	<0.31	<0.31	<0.28	<0.37	<0.40	<0.35	<0.33
		10 - 11.5	8/11/2009	**21**	<0.11	<0.44	<0.39	<0.39	<0.48	<0.40	<0.74	<0.72	<0.72	<0.61	<0.52	<0.43	<0.45	<0.45	**1.6 J**	<0.54	<0.58	<0.51	<0.47
			8/11/2009 (FD)	**11 J**	<0.080	<0.34	<0.30	<0.30	<0.37	<0.31	<0.57	<0.55	<0.55	<0.48	<0.40	<0.33	<0.35	<0.35	**1.6 J**	<0.42	<0.45	<0.40	<0.37
	SA-113	0 - 1.5	8/25/2009	**33**	<0.12	<0.50	<0.45	<0.45	<0.56	<0.46	<0.85	**1.3 J**	<0.83	<0.71	<0.60	<0.49	<0.52	<0.52	<0.47	<0.62	<0.66	<0.59	<0.54
		9.5 - 11	8/25/2009	**5.8 J**	<0.11	<0.45	<0.40	<0.40	<0.50	<0.41	<0.77	**0.90 J**	<0.75	<0.64	<0.54	<0.44	<0.47	<0.47	<0.42	<0.56	<0.60	<0.53	<0.49
	SA-155	10 - 11.5	8/11/2009	**19**	<0.099	<0.42	<0.37	<0.37	<0.46	<0.38	<0.71	**3.1 J**	<0.69	<0.59	<0.50	<0.41	<0.44	<0.44	**0.45 J**	<0.52	<0.55	<0.49	<0.45
	SA-196	0.5 - 2	8/25/2009	**16 J+**	<0.090	<0.38	<0.34	<0.34	<0.42	<0.35	<0.64	**1.3 J**	<0.62	<0.53	<0.45	<0.37	<0.40	<0.40	<0.35	<0.47	<0.50	<0.44	<0.41
		10 - 11.5	8/25/2009	**3.8 J**	<0.13	<0.53	<0.47	<0.47	<0.58	<0.48	<0.89	<0.87	<0.87	<0.74	<0.63	<0.51	<0.55	<0.55	**1.4 J**	<0.65	<0.70	<0.62	<0.57

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
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Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-14d. SOIL ANALYTICAL RESULTS, ECA GROUP C14/E2
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane	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
			HSSL:	147,000	64.9	43,300	168	98,900	376,000	373,000	11,500	368,000	15,800	2,100	20,000	400,000	304,000	11,700	26,000,000	--	--	--	--
Phase B	SA-58	0 - 1.5	9/03/2009	<0.77	<0.83	<0.40	<0.36	<0.40	<0.47	<0.63	<0.84	<0.63	<0.55	<0.42	<0.45	<0.37	<0.63	<0.47	<0.43	<0.40	<0.48	<0.41	<0.45
		9.5 - 11	9/03/2009	<0.60	<0.64	<0.31	<0.28	<0.31	<0.37	<0.49	<0.65	<0.49	<0.43	<0.33	<0.35	<0.29	<0.49	<0.37	<0.34	<0.31	<0.38	<0.32	<0.35
	SA-107	0.5 - 2	8/11/2009	<0.42	<0.45	<0.22	<0.20	<0.22	<0.26	<0.34	<0.46	<0.34	<0.30	<0.23	<0.24	<0.20	<0.34	<0.26	<0.24	<0.22	<0.26	<0.22	<0.24
		10 - 11.5	8/11/2009	<0.60	<0.65	<0.31	<0.29	<0.31	<0.37	<0.49	<0.66	<0.49	<0.44	<0.33	<0.35	<0.30	<0.49	<0.37	<0.34	<0.31	<0.38	<0.32	<0.35
			8/11/2009 (FD)	<0.47	<0.50	<0.24	<0.22	<0.24	<0.29	<0.38	<0.51	<0.38	<0.34	<0.26	<0.27	<0.23	<0.38	<0.29	<0.27	<0.24	<0.29	<0.25	<0.27
	SA-113	0 - 1.5	8/25/2009	<0.70	<0.75	<0.36	<0.33	<0.36	<0.43	<0.57	<0.76	<0.57	<0.50	<0.38	<0.40	<0.34	<0.57	<0.43	<0.39	<0.36	<0.44	<0.37	<0.40
		9.5 - 11	8/25/2009	<0.63	<0.68	<0.33	<0.30	<0.33	<0.39	<0.51	<0.69	<0.51	<0.45	<0.35	<0.37	<0.31	<0.51	<0.39	<0.36	<0.33	<0.40	<0.34	<0.37
	SA-155	10 - 11.5	8/11/2009	<0.58	<0.63	<0.30	<0.27	<0.30	<0.36	<0.47	<0.63	<0.47	<0.42	<0.32	<0.34	<0.28	<0.47	<0.36	<0.33	<0.30	<0.36	<0.31	<0.34
	SA-196	0.5 - 2	8/25/2009	<0.53	<0.57	<0.27	<0.25	<0.27	<0.32	<0.43	<0.57	0.43 UJ	<0.38	<0.29	<0.31	<0.26	<0.43	<0.32	<0.30	<0.27	<0.33	<0.28	<0.31
		10 - 11.5	8/25/2009	<0.73	<0.79	<0.38	<0.34	<0.38	<0.45	<0.59	<0.80	0.59 UJ	<0.53	<0.40	<0.42	<0.36	<0.59	<0.45	<0.41	<0.38	<0.46	<0.39	<0.42

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-14d. SOIL ANALYTICAL RESULTS, ECA GROUP C14/E2
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Diisopropyl ether	Ethyl benzene	Ethyl tert-butyl ether	Hexachlorobutadiene	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	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
			HSSL:	2,260,000	26,600	560,000	5,610	1,490,000	217,000	1,130,000	11,300	3,360,000	264,000	867,000	9,070	2,910	107,000	818,000	151,000	125,000	640,000	5,280	6,310
Phase B	SA-58	0 - 1.5	9/03/2009	<0.29	<1.1	<0.29	<0.90	<0.85	<0.37	**1.4 J**	<1.1	<0.78	<0.61	<0.54	<0.34	<0.48	<0.59	**0.54 J**	<0.86	<1.1	<0.26	<0.70	<0.48
		9.5 - 11	9/03/2009	<0.23	<0.82	<0.23	<0.70	<0.66	<0.29	**1.5 J**	<0.85	<0.61	<0.48	<0.42	<0.26	<0.38	<0.46	<0.30	<0.67	<0.83	<0.20	<0.54	<0.38
	SA-107	0.5 - 2	8/11/2009	<0.16	<0.57	<0.16	<0.49	<0.46	<0.20	**0.29 J**	<0.59	<0.42	<0.33	<0.30	<0.19	<0.26	<0.32	**0.24 J**	<0.47	<0.58	<0.14	<0.38	<0.26
		10 - 11.5	8/11/2009	<0.23	<0.83	<0.23	<0.71	<0.67	<0.30	<0.36	**3.6 J**	<0.61	<0.48	<0.43	<0.27	<0.38	<0.46	<0.30	<0.68	<0.84	<0.20	<0.55	<0.38
			8/11/2009 (FD)	<0.18	<0.64	<0.18	<0.55	<0.52	<0.23	<0.28	<0.66	<0.48	<0.37	<0.33	<0.21	<0.29	<0.36	**0.81 J**	<0.53	<0.65	<0.16	<0.42	<0.29
	SA-113	0 - 1.5	8/25/2009	<0.26	<0.96	<0.26	<0.81	<0.77	<0.34	**0.85 J**	<0.99	<0.71	<0.56	<0.49	<0.31	<0.44	<0.53	**0.67 J**	<0.78	<0.97	<0.23	<0.63	<0.44
		9.5 - 11	8/25/2009	<0.24	<0.86	<0.24	<0.74	<0.70	<0.31	<0.38	<0.89	<0.64	<0.50	<0.44	<0.28	<0.40	<0.48	**0.66 J**	<0.71	<0.87	<0.21	<0.57	<0.40
	SA-155	10 - 11.5	8/11/2009	<0.22	<0.80	<0.22	<0.68	<0.64	<0.28	<0.35	<0.82	<0.59	<0.46	<0.41	<0.26	<0.36	<0.45	**0.91 J**	<0.65	<0.81	<0.19	<0.53	<0.36
	SA-196	0.5 - 2	8/25/2009	<0.20	<0.72	<0.20	<0.61	<0.58	<0.26	<0.31	<0.74	<0.53	<0.42	<0.37	<0.23	<0.33	<0.40	**0.49 J**	<0.59	<0.73	<0.18	<0.48	<0.33
		10 - 11.5	8/25/2009	<0.28	<1.0	<0.28	<0.85	<0.81	<0.36	**0.87 J**	<1.1	<0.74	<0.58	<0.51	<0.32	<0.46	<0.56	<0.37	<0.82	<1.1	<0.24	<0.66	<0.46

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-14d. SOIL ANALYTICAL RESULTS, ECA GROUP C14/E2
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)							
				Trichlorofluoro methane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	tert Butyl alcohol
			HSSL:	1,230,000	121	219,000	182,000	1,870	--	434,000	7,270,000
Phase B	SA-58	0 - 1.5	9/03/2009	<0.40	<0.64	<0.74	<0.63	<0.57	<1.2	<0.76	<8.4
		9.5 - 11	9/03/2009	<0.31	<0.50	<0.58	<0.49	<0.44	<0.87	<0.59	<6.5
	SA-107	0.5 - 2	8/11/2009	<0.22	<0.35	<0.40	<0.34	<0.31	<0.60	<0.41	<4.6
		10 - 11.5	8/11/2009	<0.31	<0.50	<0.59	<0.49	<0.45	<0.88	<0.59	<6.6
			8/11/2009 (FD)	<0.24	<0.39	<0.45	<0.38	<0.35	<0.68	<0.46	<5.1
	SA-113	0 - 1.5	8/25/2009	<0.36	<0.58	<0.67	<0.57	<0.51	<1.1	<0.69	<7.6
		9.5 - 11	8/25/2009	<0.33	<0.52	<0.61	<0.51	<0.46	<0.91	<0.62	<6.9
	SA-155	10 - 11.5	8/11/2009	<0.30	<0.48	<0.56	<0.47	<0.43	<0.84	<0.57	<6.3
	SA-196	0.5 - 2	8/25/2009	<0.27	<0.44	<0.51	<0.43	<0.39	<0.76	<0.52	<5.7
		10 - 11.5	8/25/2009	<0.38	<0.60	<0.71	<0.59	<0.54	<1.1	<0.72	<8.0

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-14e. SOIL ANALYTICAL RESULTS, ECA GROUP C14/E2
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Butylbenzylphthalate	Chrysene	Di-n-butylphthalate	Di-n-octylphthalate	Dibenz(a,h)anthracene	Diethylphthalate	Dimethylphthalate	1,4-Dioxane	Fluoranthene	Fluorene	Hexachlorobenzene	Indeno(1,2,3-cd)pyrene
			HSSL:	118,000	44,000	4,260	9,980	3,500	35,000	25,100,000	350,000	1,860,000	3,500,000	91,200,000	9,120,000	3,500	100,000,000	100,000,000	27,200	33,500,000	93,100	231	35,000
Phase B	SA-58	0 - 1.5	9/03/2009	<3.3	<2.4	<3.8	<1.9	<2.2	<3.6	<3.9	<2.7	<7.5	**4.4 J**	<110	<3.5	<2.5	<380	<2.9	<16	<4.5	<2.3	**620 J+**	<2.9
		9.5 - 11	9/03/2009	<1.1	<0.80	<1.3	<0.62	<0.73	<1.3	<1.3	<0.89	<2.5	<1.1	**58 J**	<1.2	<0.83	<130	<0.96	<5.3	<1.5	<0.74	<0.90	<0.96
	SA-107	0.5 - 2	8/11/2009	<11	<7.5	<13	**14 J**	<6.9	<12	<13	<8.4	<24	**31 J**	<340	<11	<7.8	<1,200	<9.0	<50	**28 J**	<7.0	**1,200**	<9.0
		1 - 1.5	12/15/2009	<3.1	<2.3	<3.7	**9.5**	**8.4**	**24**	**11**	**12**	<7.2	**33**	<110	<3.3	<2.4	<370	<2.8	<16	**13**	<2.2	**850**	**8.4**
		1.5 - 2	12/15/2009	<1.1	<0.77	<1.3	<0.60	<0.70	<1.2	<1.3	<0.86	**2.8 J**	<1.1	<35	<1.2	<0.80	<130	<0.92	<5.1	<1.5	<0.72	**210**	<0.92
		10 - 11.5	8/11/2009	<5.3	<3.9	<6.3	<3.1	<3.6	<5.9	<6.3	<4.4	<13	**16 J**	<180	<5.7	<4.1	<620	<4.7	<26	<7.4	<3.7	**110 J**	<4.7
			8/11/2009 (FD)	<1.1	<0.78	<1.3	**1.8 J**	<0.71	<1.2	<1.3	<0.87	<2.5	**4.7 J**	**46 J**	<1.2	<0.81	<130	<0.94	<5.2	**6.5 J**	<0.73	**64 J**	<0.94
	SA-113	0 - 1.5	8/25/2009	<1.1	<0.78	<1.3	<0.61	<0.71	<1.2	<1.3	<0.87	<2.5	<1.1	<35	<1.2	<0.81	<130	<0.94	<5.2	<1.5	<0.73	**690**	<0.94
		9.5 - 11	8/25/2009	<1.1	<0.80	<1.3	<0.62	<0.73	<1.3	<1.3	<0.90	<2.6	<1.1	<36	<1.2	<0.83	<130	<0.96	<5.4	<1.6	<0.75	<0.91	<0.96
	SA-155	1.5	12/14/2009	<5.2	<3.9	<6.1	3.0 UJ	<3.5	<5.8	<6.2	4.3 UJ	<12	<5.1	<170	<5.6	<4.0	<610	<4.6	<26	7.2 UJ	<3.6	**940 X**	<4.6
			12/15/2009 (FD)	<5.2	<3.9	<6.2	<3.0	<3.5	<5.8	<6.2	<4.3	<12	<5.1	<170	<5.6	<4.0	<610	<4.6	<26	<7.2	<3.6	**490 J**	<4.6
		2	12/14/2009	<2.1	<1.6	<2.5	<1.2	<1.4	<2.4	<2.5	<1.8	**7.8 J**	<2.1	<69	<2.3	<1.6	<250	<1.9	<11	<2.9	<1.5	**330**	<1.9
		10 - 11.5	8/11/2009	<3.2	<2.3	<3.7	**7.4 J**	<2.1	**11 J**	**7.4 J**	**7.4 J**	<7.2	**17 J**	<110	<3.4	<2.4	<370	<2.8	<16	**33**	<2.2	**300**	**6.3 J**
	SA-196	0.5 - 2	8/25/2009	<5.3	<3.9	<6.2	<3.0	<3.6	<5.9	<6.3	<4.4	<13	<5.1	<180	<5.6	<4.0	<620	<4.7	<26	**8.9 J**	<3.6	**5,800**	<4.7
		1 - 1.5	12/22/2009	<11	<7.7	<13	<6.0	<7.0	**53**	<13	**39**	<25	**96**	<350	<12	<8.0	<1,300	<9.3	<52	**61**	<7.2	**1,400**	<9.3
		1.5 - 2	12/22/2009	<1.1	<0.78	<1.3	<0.60	<0.71	<1.2	<1.3	<0.87	**3.9 J**	<1.1	**41 J**	<1.2	<0.81	<130	**3.9 J**	<5.2	<1.5	<0.72	**96**	<0.93
		10 - 11.5	8/25/2009	<1.1	<0.80	<1.3	<0.62	<0.72	<1.2	<1.3	<0.89	<2.5	<1.1	**51 J**	<1.2	<0.83	<130	<0.96	<5.3	<1.5	<0.74	<0.90	<0.95
Pre-Excavation	BDT-3-S-20	2.5 - 3.5	8/23/2010	<11	<18	<18	<22	<22	<28	<17	<43	<46	<29	<31	<16	<20	<28	<25	<71	<39	<19	<31	<24
		4.5 - 5.5	8/23/2010	<11	<18	<18	<21	<21	<28	<17	<43	<46	<29	<31	<15	<20	<28	**85 J**	<71	<38	<19	<31	<24
		6.5 - 7.5	8/23/2010	<11	<19	<19	<22	<22	<29	<17	<44	<47	<30	<32	<16	<21	<28	<25	<72	<39	<20	<32	<24
			8/23/2010 (FD)	<11	<19	<19	<22	<22	<29	<17	<44	<47	<29	<32	<16	<21	<28	<25	<72	<39	<20	<32	<24
		8.5 - 9.5	8/23/2010	<11	<19	<19	<22	<22	<29	<18	<44	<47	<30	<32	<16	<21	<29	**26 J**	<73	<40	<20	<32	<24
	SSAN5-02	5.5	5/17/2010	11 UJ	18 UJ	18 UJ	21 UJ	21 UJ	28 UJ	17 UJ	42 UJ	46 UJ	29 UJ	31 UJ	15 UJ	20 UJ	28 UJ	24 UJ	70 UJ	38 UJ	19 UJ	**490 J-**	23 UJ
2011 Removal Action	CS-E14B-1	3	6/02/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<31	--
	EE-E14-1	4	6/02/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**47,000**	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-14e. SOIL ANALYTICAL RESULTS, ECA GROUP C14/E2
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)							
				2-Methylnaphthalene	Naphthalene	Nitrobenzene	Octachlorostyrene	Phenanthrene	Pyrene	Pyridine	bis(2-Ethylhexyl)phthalate
			HSSL:	368,000	11,300	22,500	--	24,500	44,000	1,300,000	252,000
Phase B	SA-58	0 - 1.5	9/03/2009	<1.8	<2.7	<5.7	**110 J+**	<5.7	<3.2	<86	<420
		9.5 - 11	9/03/2009	<0.61	<0.96	<1.9	<3.8	<2.0	<1.1	<29	<140
	SA-107	0.5 - 2	8/11/2009	<5.7	<8.6	<18	**490**	<18	**24 J**	<270	<1,400
		1 - 1.5	12/15/2009	**3.2 J**	<2.6	<5.5	**310**	<5.5	**11**	<82	<400
		1.5 - 2	12/15/2009	<0.59	<0.87	<1.9	**45**	<1.9	<1.1	<28	<140
		10 - 11.5	8/11/2009	<3.0	<4.5	<9.3	**48**	**14 J**	**7.2 J**	<140	**1,400 J**
			8/11/2009 (FD)	<0.60	<0.89	<1.9	**26**	**4.7 J**	**4.7 J**	<28	**150 J**
	SA-113	0 - 1.5	8/25/2009	<0.60	<0.89	<1.9	**23**	<1.9	<1.1	<28	<140
		9.5 - 11	8/25/2009	<0.61	<0.91	<2.0	<3.8	<2.0	<1.1	<29	<140
	SA-155	1.5	12/14/2009	<2.9	<4.4	<9.1	**110 X**	<9.2	<5.0	<140	<670
			12/15/2009 (FD)	<2.9	<4.4	<9.1	**120 J**	<9.2	<5.1	<140	<670
		2	12/14/2009	<1.2	<1.8	<3.7	**40**	<3.7	<2.1	<55	<270
		10 - 11.5	8/11/2009	<1.8	<2.7	<5.5	**99**	**18 J**	**17 J**	<83	<410
	SA-196	0.5 - 2	8/25/2009	<3.0	<4.4	<9.2	**790**	<9.3	**7.1 J**	<140	<680
		1 - 1.5	12/22/2009	<5.9	<8.8	<19	**370 J**	<19	**64**	<280	<1,400
		1.5 - 2	12/22/2009	<0.59	<0.88	<1.9	**19 J**	<1.9	<1.1	<28	<140
		10 - 11.5	8/25/2009	<0.61	<0.91	<1.9	<3.8	<1.9	<1.1	<29	<140
Pre-Excavation	BDT-3-S-20	2.5 - 3.5	8/23/2010	<20	<33	<24	<61	<18	<13	<140	<50
		4.5 - 5.5	8/23/2010	<20	<33	<24	<61	<18	<13	<140	<49
		6.5 - 7.5	8/23/2010	<21	<34	<24	<62	<19	<13	<140	<50
			8/23/2010 (FD)	<21	<34	<24	<62	<19	<13	<140	<50
		8.5 - 9.5	8/23/2010	<21	<34	<24	<63	<19	<13	<140	<51
	SSAN5-02	5.5	5/17/2010	20 UJ	33 UJ	23 UJ	**110 J-**	18 UJ	13 UJ	140 UJ	**410 J-**
2011 Removal Action	CS-E14B-1	3	6/02/2011	--	--	--	--	--	--	--	--
	EE-E14-1	4	6/02/2011	--	--	--	--	--	--	--	--

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-14g. SOIL ANALYTICAL RESULTS, ECA GROUP C14/E2
PCBs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PCBs (µg/kg)						
				Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260
			HSSL:	45,200	1,280	1,060	1,550	1,560	1,600	1,650
Phase B	SA-107	0.5 - 2	8/11/2009	<18	<40	<18	<28	<18	<18	<32
		10 - 11.5	8/11/2009	<19	<41	<19	<28	<19	<19	<33
			8/11/2009 (FD)	<19	<42	<19	<29	<19	<19	<33

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-14h. SOIL ANALYTICAL RESULTS, ECA GROUP C14/E2
Dioxins/Furans (pg/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Dioxins/Furans (pg/g)																	
				TCDD	PeCDD	1,4-HxCDD	1,6-HxCDD	1,9-HxCDD	1,4,6-HpCDD	OCDD	TCDF	1-PeCDF	4-PeCDF	1,4-HxCDF	1,6-HxCDF	1,9-HxCDF	4,6-HxCDF	1,4,6-HpCDF	1,4,9-HpCDF	OCDF	Total Dioxin/Furan TEQ (Calculated)
			HSSL:	26.7	--	--	--	581	--	--	--	--	--	--	--	--	--	--	--	--	2,700
Phase B	SA-58	0 - 1.5	9/03/2009	**28.2**	**67.5**	**55.8**	**96.4**	**119**	**376**	**385**	**1,750**	**1,380**	**713**	**3,650**	**2,390**	**372**	**1,480**	**5,360**	**2,660**	**18,700**	--
		0.5 - 1	12/16/2009	**28 J**	**81**	**65**	**110**	**97**	**440**	**450**	**800 J**	**1,300 J**	**780**	**2,600 J**	**1,800 J**	**260**	**510**	**7,100 J**	**3,600 J**	**21,000 J**	**1,100**
		1 - 1.5	12/16/2009	**15 J**	**40**	**27**	**48**	**42**	**170**	**180**	**370 J**	**620**	**360**	**1,100 J**	**780**	**130**	**200**	**2,900 J**	**1,500 J**	**8,700 J**	**500**
	SA-107	0.5 - 2	8/11/2009	**67.7**	**227**	**143**	**282**	**333**	**1,080**	**757**	**4,240**	**3,830**	**1,800**	**7,780**	**4,770**	**837**	**2,670**	**11,400**	**5,310**	**32,200**	--
		1 - 1.5	12/15/2009	**88 J**	**360**	**230**	**490**	**300**	**1,700 J**	**1,200**	**3,000 J**	**4,200 J**	**2,100 J**	**7,000 J**	**4,500 J**	**680**	**1,000 J**	**18,000 J**	**8,200 J**	**45,000 J**	**3,200**
		1.5 - 2	12/15/2009	**0.99 J**	**2.4**	**1.5**	**3.1**	**2.0**	**10**	**10**	**28 J**	**29**	**16**	**45**	**31**	**4.4**	**7.9**	**130**	**52**	**310 J**	**23**
	SA-113	0 - 1.5	8/25/2009	**0.296 JK**	**0.748 J**	**0.629 J**	**1.30 J**	**1.38 J**	**4.32**	**4.71 J**	**7.46**	**12.4**	**6.47**	**27.6**	**17.1**	**3.21**	**9.16**	**53.9**	**23.9 J-**	**148**	**11**
	SA-155	1.5	12/14/2009	**18**	**65**	**54**	**97**	**96**	**300**	**220 J**	**410 J**	**860**	**470**	**1,800 J**	**1,100 J**	**280**	**220**	**3,800 J**	**2,000 J**	**9,600 J**	**720**
			12/15/2009 (FD)	**17**	**66**	**47**	**94**	**86**	**260**	**170**	**430 J**	**870**	**480**	**1,700 J**	**1,100 J**	**250**	**220**	**3,100 J**	**1,800 J**	**7,000 J**	**700**
		2	12/14/2009	**0.17 J**	**0.35**	**0.44**	**1.0**	**0.69**	**3.3**	**4.3**	**3.8 J**	**7.8**	**4.2**	**14**	**12**	**1.6**	**2.2**	**44**	**16**	**110**	**6.3**
	SA-196	0.5 - 2	8/25/2009	**135**	**466**	**413**	**820**	**958**	**2,530**	**2,170**	**3,450**	**7,420**	**4,000**	**21,100**	**12,400**	**1,650**	**3,070**	**34,400**	**14,700 J-**	**85,000**	--
		1 - 1.5	12/22/2009	**16 J**	**42**	**23**	**52**	**47**	**230**	**320 J**	**390 J**	**680**	**350**	**1,400 J**	**880**	**130**	**240**	**3,400 J**	**1,600 J**	**11,000 J**	**550**
		1.5 - 2	12/22/2009	**0.68 J**	**0.97**	**1.6**	**3.3**	**2.4**	**10**	**14 J**	**14 J**	**28**	**15**	**67**	**44**	**7.9**	**10**	**160**	**79**	**550**	**25**
Pre-Excavation	BDT-3-S-20	2.5 - 3.5	8/23/2010	**0.60**	**2.1 J**	**1.6 J**	**2.8 JK**	**2.6 J**	**11 J**	**12 J**	**15**	**32**	**17**	**67**	**40**	**6.8**	**8.1**	**170 J**	**74 J**	**370 J**	**26**
		4.5 - 5.5	8/23/2010	**0.62**	**2.6**	**1.7 J**	**3.5**	**2.6**	**11 J**	**20 J**	**21**	**42**	**22**	**81**	**43**	**7.6**	**8.1**	**190 J**	**78 J**	**430 J**	**31**
		6.5 - 7.5	8/23/2010	<0.088	**0.25 JK**	**0.18 JK**	**0.36 J**	**0.28 JK**	**2.0 J**	**3.2 J**	**1.5**	**2.9**	**1.5 J**	**6.0**	**3.8**	**0.70 J**	**0.88 J**	**17 J**	**8.7 J**	**34 J**	**2.4**
			8/23/2010 (FD)	<0.14	**0.21 JK**	<0.097	**0.35 J**	**0.36 J**	**1.6 J**	**1.6 J**	**1.4**	**2.6 J**	**1.4 J**	**5.4**	**3.1**	**0.70 J**	**0.67 J**	**14 J**	**6.9 J**	**31 J**	**2.1**
		8.5 - 9.5	8/23/2010	**0.58**	**1.7 J**	**1.3 J**	**2.4 J**	**1.6 J**	**7.7 J**	**7.2 J**	**14**	**27**	**14**	**50**	**27**	**5.5**	**6.3**	**110 J**	**54 J**	**240 J**	**20**
	SA-58	2.5 - 3.5	4/15/2010	<0.040	<0.040	<0.034	**0.11 JK**	**0.10 J**	**0.55 J**	**4.5 J**	<0.52	**0.49 JK**	**0.29 JK**	**0.80 J**	**0.44 J**	**0.14 J**	**0.10 JK**	**1.1 J**	**0.58 J**	**3.7 J**	**0.30**
	SSAN5-02	5.5	5/17/2010	**13**	**42**	**34**	**67**	**60**	**280 J**	**270 J**	**280 J**	**680**	**360**	**1,400 J**	**1,000**	**210**	**230**	**4,300 J**	**2,700 J**	**13,000 J**	**590**
2011 Removal Action	CS-E14B-1	3	6/02/2011	**0.37 J**	<0.37	<0.24	<0.2	<0.16	0.76 UJ	**3.1 J**	**14**	**2.4 J**	**1.2 J**	**2.3 J**	**0.94 JK**	<0.31	**0.56 JK**	**2.8 J**	**1.5 J**	**13 J**	--
	EE-E14-1	4	6/02/2011	<210	<170	<340	<310	<270	<350	<920	**12,000**	**2,800 J**	**1,400 J**	**6,200 J**	**2,100 J**	<900	**990 J**	**15,000**	**4,300 J**	**530,000 J**	--

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
pg/g: picograms per gram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-14i. SOIL ANALYTICAL RESULTS, ECA GROUP C14/E2
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)																			
				Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	Chlordane (total)	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide
			HSSL:	205	274,000	54,700	333,000	11,100	--	500,000	500,000	14,700	10,300	10,600	220	--	--	4,900,000	274,000	--	--	696	366
Phase B	SA-58	0 - 1.5	9/03/2009	<0.92	<0.92	**82 J**	<0.92	<0.92	<4.6	<0.92	**7.5 J+**	<1.9	**22 J+**	**11 J+**	<1.9	<0.92	<1.9	<1.9	<1.9	<1.9	<1.9	<0.92	<0.92
		9.5 - 11	9/03/2009	<0.93	<0.93	<0.93	<0.93	<0.93	<4.6	<0.93	<0.93	<1.9	<1.9	<1.9	<1.9	<0.93	<1.9	<1.9	<1.9	<1.9	<1.9	<0.93	<0.93
	SA-107	0.5 - 2	8/11/2009	<8.8	<8.8	**210**	<8.8	<8.8	<44	<8.8	**31**	<18	**140**	**120**	<18	<8.8	<18	<18	<18	<18	<18	<8.8	<8.8
		10 - 11.5	8/11/2009	<9.1	<9.1	**15 J**	<9.1	<9.1	<45	<9.1	<9.1	<18	<18	<18	<18	<9.1	<18	<18	<18	<18	<18	<9.1	<9.1
			8/11/2009 (FD)	<9.1	<9.1	<9.1	<9.1	<9.1	<46	<9.1	<9.1	<19	<19	<19	<19	<9.1	<19	<19	<19	<19	<19	<9.1	<9.1

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-14i. SOIL ANALYTICAL RESULTS, ECA GROUP C14/E2
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)		
				Hexachlorobenzene	Methoxychlor	Toxaphene
			HSSL:	231	4,560,000	3,210
Phase B	SA-58	0 - 1.5	9/03/2009	**720**	<9.2	<19
		9.5 - 11	9/03/2009	<0.93	<9.2	<19
	SA-107	0.5 - 2	8/11/2009	**1,000**	<87	<180
		10 - 11.5	8/11/2009	**130 J**	<90	<180
			8/11/2009 (FD)	**78 J**	<91	<180

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-14j. SOIL ANALYTICAL RESULTS, ECA GROUP C14/E2
Pesticides - OPPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OPPs (µg/kg)																		
				Chlorpyrifos	Coumaphos	Dasanit	Demeton-O	Demeton-S	Diazinon	Dichlorovos	Dimethoate	Disulfoton	EPN	Ethoprop	Famphur	Fenthion	Guthion	Malathion	Merphos	Methyl parathion	Mevinphos	Naled	Parathion
			HSSL:	912,000	--	--	--	--	638,000	12,200	2,010,000	36,500	9,120	--	--	--	2,740,000	18,200,000	1,030	228,000	--	1,290	5,470,000
Phase B	SA-58	0 - 1.5	9/03/2009	<7.0	<3.0	<8.9	<5.8	<5.3	<7.9	<8.1	7.7 UJ	<8.4	<4.0	<5.4	<3.5	<9.5	3.8 UJ	<5.1	<5.6	<6.9	5.0 UJ	25 UJ	<5.8
	SA-107	0.5 - 2	8/11/2009	<6.7	<2.9	<8.5	<5.5	<5.1	<7.6	<7.7	<7.4	<8.0	<3.8	<5.1	<3.4	<9.1	<3.6	<4.8	<5.3	<6.6	4.8 UJ	<24	<5.5
		10 - 11.5	8/11/2009	<7.0	<3.0	<8.9	<5.7	<5.3	<7.9	<8.0	<7.7	<8.4	<4.0	<5.4	<3.5	<9.5	<3.8	<5.0	<5.6	<6.9	5.0 UJ	<25	<5.7
			8/11/2009 (FD)	<7.0	<3.0	<8.9	<5.8	<5.3	<7.9	<8.0	<7.7	<8.4	<4.0	<5.4	<3.5	<9.5	<3.8	<5.0	<5.6	<6.9	5.0 UJ	<25	<5.8

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-14j. SOIL ANALYTICAL RESULTS, ECA GROUP C14/E2
Pesticides - OPPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OPPs (µg/kg)							
				Phorate	Prothiophos	Ronnel	Stirophos	Sulfotepp	Sulprofos	Thionazin	Trichloronate
			HSSL:	182,000	--	26,800	147,000	456,000	--	--	--
Phase B	SA-58	0 - 1.5	9/03/2009	6.2 UJ	<4.3	<17	<4.7	<6.8	<4.6	<6.1	6.8 UJ
	SA-107	0.5 - 2	8/11/2009	<5.9	<4.1	<16	<4.5	<6.5	<4.4	<5.8	<6.5
		10 - 11.5	8/11/2009	<6.2	<4.2	<17	<4.7	<6.8	4.6 UJ	<6.1	<6.8
			8/11/2009 (FD)	<6.2	<4.3	<17	<4.7	<6.8	<4.6	<6.1	<6.8

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-14k. SOIL ANALYTICAL RESULTS, ECA GROUP C14/E2
Petroleum Indicators (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Petroleum Indicators (mg/kg)		
				Petroleum Hydrocarbons	Gasoline Range Organics	Diesel Range Organics
			HSSL:	--	--	--
Phase B	SA-107	0.5 - 2	8/11/2009	<42	<2.6	<42
		10 - 11.5	8/11/2009	<43	<4.0	<43
			8/11/2009 (FD)	<43	<4.0	<43
	SA-155	10 - 11.5	8/11/2009	<42	<3.0	<42

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-14l. SOIL ANALYTICAL RESULTS, ECA GROUP C14/E2
Other Organics (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Organics (µg/kg)				
				Benzenesulfonic acid	4-Chlorobenzene sulfonic acid	Diethylphosphoro-dithioate	o,o-Dimethyl Phosphorodithioate	Phthalic acid
			HSSL:	100,000,000	91,200,000	100,000,000	100,000,000	100,000,000
Phase B	SA-58	0 - 1.5	9/03/2009	<250	<250	<250	<1,300	<250
	SA-107	0.5 - 2	8/11/2009	<250	<250	<250	<1,300	<250
		10 - 11.5	8/11/2009	<250	<250	<250	<1,300	<250
			8/11/2009 (FD)	<250	<250	<250	<1,300	<250

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-14m. SOIL ANALYTICAL RESULTS, ECA GROUP C14/E2
Asbestos (s/samp)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Asbestos (s/samp)								
				Long Amphibole Protocol Structures Count	Long Asbestos Protocol Structures Count	Long Chrysotile Protocol Structures Count	Short Amphibole Structures Counts	Short Asbestos Structures Counts	Short Chrysotile Structures Counts	Total Amphibole Protocol Structures Count	Total Asbestos Protocol Structures Count	Total Chrysotile Protocol Structures Count
			HSSL:	0	--	5	--	--	--	--	--	--
Phase B	SA-58	0	9/16/2009	0	**8**	**8**	0	**10**	**10**	0	**18**	**18**
	SA-107	0	8/04/2009	0	0	0	0	0	0	0	0	0
			8/04/2009 (FD)	0	0	0	0	0	0	0	0	0
	SA-196	0 - 0.5	9/11/2009	0	0	0	0	0	0	0	0	0

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
s/samp: strands per sample
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-15a. SOIL ANALYTICAL RESULTS, ECA C16
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemist
				Perchlorate
			HSSL:	908
Pre-Excavation	SSAM5-05	1 - 2	9/16/2010	**180 J+**
			9/16/2010 (FD)	**180 J+**
		5 - 6	9/16/2010	**440 J+**
		10 - 11	9/16/2010	**4,900 J+**
	SSAM6-05	1 - 2	9/16/2010	**9,500 J+**
		5 - 6	9/16/2010	**3,700 J+**
		10 - 11	9/16/2010	**4,200 J+**
	SSAM6-06	1 - 2	9/16/2010	**4,200 J+**
		5 - 6	9/16/2010	**3,400 J+**
		10 - 11	9/16/2010	**2,000 J+**
2011 Removal Action	CS-C30-1	4	5/04/2011	**4,720**
	EE-E08A-1	2	5/04/2011	**2,050 J**
			5/04/2011 (FD)	**818 J**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-15b. SOIL ANALYTICAL RESULTS, ECA C16
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)	
				Arsenic	Lead
			HSSL:	7.2	800
2011 Removal Action	EE-E08A-1	2	5/04/2011	**47.8**	**86.9**
			5/04/2011 (FD)	**49.0**	**94.7**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-15h. SOIL ANALYTICAL RESULTS, ECA C16
Dioxins/Furans (pg/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Dioxins/Furans (pg/g)																	
				TCDD	PeCDD	1,4-HxCDD	1,6-HxCDD	1,9-HxCDD	1,4,6-HpCDD	OCDD	TCDF	1-PeCDF	4-PeCDF	1,4-HxCDF	1,6-HxCDF	1,9-HxCDF	4,6-HxCDF	1,4,6-HpCDF	1,4,9-HpCDF	OCDF	Total Dioxin/Furan TEQ (Calculated)
			HSSL:	26.7	--	--	--	581	--	--	--	--	--	--	--	--	--	--	--	--	2,700
Pre-Excavation	SSAM5-05	0 - 0.5	9/17/2010	**110**	**370**	**200**	**460**	**390**	**1,700**	**3,500**	**2,500 J**	**4,300**	**2,300**	**9,200**	**6,500**	**970**	**1,200**	**31,000**	**12,000**	**73,000**	**3,900**
		1 - 2	9/16/2010	**44**	**160**	**97**	**190**	**180**	**640**	**840**	**930 J**	**1,700 J**	**890**	**3,100 J**	**2,200 J**	**460**	**510**	**7,700 J**	**3,800 J**	**21,000 J**	**1,400**
			9/16/2010 (FD)	**47**	**180**	**120**	**210**	**210**	**700**	**880**	**1,100 J**	**1,900 J**	**1,000**	**3,500 J**	**2,300 J**	**480**	**430**	**8,400 J**	**3,800 J**	**21,000 J**	**1,600**
		4 - 5	9/16/2010	<0.078	<0.18	<0.090	**0.21 J**	**0.28 J**	**0.56 J**	**3.3 J**	**0.44**	<0.81	<0.41	**1.6 J**	**0.97 JK**	**0.30 J**	**0.23 JK**	**4.3**	**2.1 J**	**9.3**	**0.48**
	SSAM6-05	0 - 0.5	9/17/2010	**31**	**96**	**57**	**110**	**100**	**360**	**450**	**720 J**	**1,400 J**	**670**	**2,300 J**	**1,700 J**	**320**	**400**	**5,100 J**	**2,300 J**	**12,000 J**	**1,000**
		1 - 2	9/16/2010	**8.8**	**35**	**21**	**39**	**38**	**120**	**140**	**210 J**	**430**	**220**	**800**	**580**	**94**	**120**	**1,800 J**	**850**	**3,900 J**	**340**
		4 - 5	9/16/2010	<0.073	<0.17	<0.098	<0.12	<0.11	**0.27 J**	**1.7 J**	**0.43 J**	<0.25	<0.19	**0.77 J**	**0.59 J**	<0.16	**0.20 J**	**2.3 J**	**1.1 J**	**5.7 J**	**0.24**
	SSAM6-06	0 - 0.5	9/17/2010	**200**	**760**	**600**	**1,400**	**1,300**	**3,300**	**3,900**	**4,200 J**	**8,900**	**4,500**	**19,000**	**13,000**	**2,400**	**2,900**	**50,000 J**	**22,000**	**150,000 J**	**7,900**
		1 - 2	9/16/2010	**6.8**	**24**	**16**	**31**	**28**	**110**	**110 J**	**170**	**320**	**170**	**620**	**420**	**84**	**94**	**1,600 J**	**800 J**	**4,500 J**	**260**
		4 - 5	9/16/2010	<0.079	<0.13	**0.11 JK**	**0.12 JK**	**0.095 JK**	**0.41 J**	**3.6 J**	**0.46 J**	**0.30 JK**	<0.098	**0.58 J**	**0.33 JK**	**0.16 J**	**0.18 J**	**1.2 J**	**0.69 J**	**2.4 J**	**0.24**
2011 Removal Action	CS-C30-1	4	5/04/2011	**88 J**	**360 J**	**260 J**	**530 J**	**400 J**	**1,500**	**2,400 J**	**5,400**	**3,500**	**2,200**	**8,600**	**6,700**	**1,500**	**1,600**	**21,000**	**10,000**	**68,000 J**	--
	EE-E08A-1	2	5/04/2011	<550	<1,300	**1,400 JK**	**2,000 JK**	**2,100 J**	**8,900 J**	**12,000 J**	**32,000**	**21,000 J**	**11,000 J**	**66,000**	**29,000**	**3,700 J**	**11,000 J**	**110,000**	**52,000**	**440,000**	--
			5/04/2011 (FD)	**770 J**	<990	**1,600 J**	**2,000 JK**	**1,700 J**	**6,400 JK**	**9,400 J**	**27,000**	**20,000 J**	**9,500 J**	**61,000**	**27,000**	**3,900 J**	**11,000 J**	**85,000**	**58,000**	**430,000**	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pg/g: picograms per gram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-15i. SOIL ANALYTICAL RESULTS, ECA C16
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)																		
				Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	Chlordane (total)	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide
			HSSL:	205	274,000	54,700	333,000	11,100	--	500,000	500,000	14,700	10,300	10,600	220	--	--	4,900,000	274,000	--	--	696	366
2011 Removal Action	EE-E08A-1	2	5/04/2011	<220	<230	**1,200 J**	<160	<180	<1,300	<210	<55	<270	<230	<410	<94	<54	<100	<95	<110	<110	<350	<200	<120
			5/04/2011 (FD)	<220	<230	**1,300 J**	<170	<180	<1,400	<210	<55	<270	<230	<420	<95	<54	<100	<96	<110	<110	<350	**930 J**	<120

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-15i. SOIL ANALYTICAL RESULTS, ECA C16
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)		
				Hexachlorobenzene	Methoxychlor	Toxaphene
			HSSL:	231	4,560,000	3,210
2011 Removal Action	EE-E08A-1	2	5/04/2011	**39,000**	<1,300	<21,000
			5/04/2011 (FD)	**40,000**	<1,400	<21,000

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-15m. SOIL ANALYTICAL RESULTS, ECA C16
Asbestos (s/samp)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Asbestos (s/samp)								
				Long Amphibole Protocol Structures Count	Long Asbestos Protocol Structures Count	Long Chrysotile Protocol Structures Count	Short Amphibole Structures Counts	Short Asbestos Structures Counts	Short Chrysotile Structures Counts	Total Amphibole Protocol Structures Count	Total Asbestos Protocol Structures Count	Total Chrysotile Protocol Structures Count
			HSSL:	0	--	5	--	--	--	--	--	--
Pre-Excavation	SSAM5-05	0 - 0.2	9/28/2010	0	**2**	**2**	0	**1**	**1**	0	**3**	**3**
	SSAM6-05	0 - 0.2	9/28/2010	0	0	0	0	0	0	0	0	0
	SSAM6-06	0 - 0.2	9/28/2010	0	0	0	0	0	0	0	0	0

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
s/samp: strands per sample
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-16a. SOIL ANALYTICAL RESULTS, ECA GROUP C17/C19
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)												
				Ammonia	Bromide	Carbonate as CO_3	Chlorate	Chloride	Chromium (total)	Chromium VI	Cyanide (total)	Nitrate (as NO_3)	Nitrite	Perchlorate	Sulfate
			HSSL:	27,900	--	--	38,900	--	100,000	564	164	100,000	120,000	908	--
Phase B	RSAN8	6 - 7.5	10/13/2009	**0.47 J**	<0.2	**9 J**	**0.118 J**	**17.8 J+**	**9.03**	**0.32 J**	**0.50 J**	**11 J+**	**0.08 J**	**0.16**	**92.1 J+**
	SA-61	0.5 - 2	6/16/2009	<0.061	<0.2	**8 J**	**0.075 J**	**14.2**	**7.07**	<0.18	--	**13**	<0.08	**0.253**	**188**
		10 - 11.5	8/11/2009	<0.12	<0.2	<3	**4.68**	**194 J+**	**9.11**	<0.20	--	**32 J+**	<0.08	**5.78**	**774 J+**
	SA-139	6.5 - 8	8/20/2009	<0.097	<0.2	<3	**0.126 J**	**152**	**11.3 J+**	<0.19	--	**54 J+**	<0.08	**5.83**	**3,910**
	SA-160	0 - 1.5	10/14/2009	**0.85 J+**	<0.2	**10 J**	**1.36**	**67.8 J+**	**11.4**	**0.58**	--	**27 J+**	**0.17**	**2.4**	**329 J+**
		9.5 - 11	10/14/2009	<0.097	**0.7 J**	**4 J**	**4.73**	**196 J+**	**7.18**	<0.19	--	**24 J+**	<0.08	**4.2**	**566 J+**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-16b. SOIL ANALYTICAL RESULTS, ECA GROUP C17/C19
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)																	
				Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Phosphorus (total)	Platinum	Potassium
			HSSL:	100,000	3,450	7.2	100,000	6,130	100,000	8,180	--	385	51,900	100,000	800	100,000	100,000	3.13	6,490	50,300	100,000	5,190	--
Phase B	RSAN8	6 - 7.5	10/13/2009	**8,730**	**0.7 J-**	**4.27**	**241 J**	**0.489 J**	**9.7 J**	**0.1**	**29,400 J**	**26.6 J**	**43.5 J**	**13,900 J**	**22.2 J**	**8,890**	**2,180 J**	**0.039**	**1.13 J**	**22.7 J**	**1,880**	**0.016 J**	**2,240**
	SA-61	0.5 - 2	6/16/2009	**10,500**	0.5 UJ	**1.81**	**164**	**0.466**	**48.9**	<0.04	**16,200**	**8.6**	**68.9**	**18,900**	**8.9**	**9,800**	**640**	**0.018 J**	**0.75 J**	**18.5 J**	**2,480**	<0.01	**3,170**
		10 - 11.5	8/11/2009	**8,860 J**	0.5 UJ	**2.83**	**164**	**0.505**	**20**	**0.13**	**22,900**	**9.1**	**22.3 J**	**13,300**	**11.1**	**11,100**	**522**	**0.018**	**0.61**	**15.3**	**875**	**0.01 J**	**1,520**
	SA-139	6.5 - 8	8/20/2009	**10,200**	0.5 UJ	**6.85 J**	**370 J-**	**0.59**	**36.4**	**0.34**	**23,600**	**55.5**	**52.6**	**17,400**	**31.3**	**10,200**	**4,050 J**	**0.031**	**1.44**	**37.9 J-**	**864**	**0.016 J**	**2,350**
	SA-160	0 - 1.5	10/14/2009	**10,000**	**0.6 J-**	**5.56**	**394 J**	**0.518 J**	**17.9**	**0.37**	**24,600 J**	**48.2 J**	**47.6 J**	**16,200 J**	**34.6 J**	**11,800**	**5,320 J**	**0.082**	**1.44 J**	**31.8 J**	**1,320**	**0.018 J**	**2,490**
		9.5 - 11	10/14/2009	**9,130**	0.5 UJ	**2.14**	**184 J**	**0.481 J**	**9.9 J**	<0.04	**21,600 J**	**8.4 J**	**20.7 J**	**14,200 J**	**9.9 J**	**9,680**	**520 J**	**0.015 J**	**0.51 J**	**14.2 J**	**793**	**0.009 J**	**2,050**
Pre-Excavation	SA-139	0.5 - 1.5	4/13/2010	--	--	**3.8**	--	--	--	--	--	**14**	--	--	--	--	**1,200**	--	--	--	--	--	--
		1.5 - 2.5	4/13/2010	--	--	**3.3**	--	--	--	--	--	**11**	--	--	--	--	**860**	--	--	--	--	--	--
	SA-160	1.5 - 2.5	5/25/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**520**	--	--	--	--	--	--
		4.5 - 5.5	5/25/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,300**	--	--	--	--	--	--
	SSAN8-03	2 - 2.5	9/07/2010	--	--	**6.7**	--	--	--	--	--	**65**	--	--	**24**	--	**4,000**	--	--	--	--	--	--
	SSAN8-05	1 - 1.5	9/07/2010	--	--	**6.8**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-16b. SOIL ANALYTICAL RESULTS, ECA GROUP C17/C19
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)										
				Selenium	Silver	Sodium	Strontium	Thallium	Tin	Titanium	Tungsten	Uranium (total)	Vanadium	Zinc
			HSSL:	6,490	100,000	--	100,000	13	100,000	100,000	1,040	3,830	100,000	100,000
Phase B	RSAN8	6 - 7.5	10/13/2009	<0.7	<0.2	**342**	**160**	**0.389 J**	**3.7 J**	**809**	**3.52 J**	**1.14**	**42.2 J**	**44.2**
	SA-61	0.5 - 2	6/16/2009	<0.7	<0.2	**872**	**131**	**0.115**	**4.7 J**	**1,190 J-**	**0.35 J-**	**1.65**	**55.5**	**39.8 J**
		10 - 11.5	8/11/2009	<0.8	<0.2	**707**	**229**	**0.121**	**4.3 J**	**566**	**0.32 J-**	**1.02**	**33.6**	**31.1**
	SA-139	6.5 - 8	8/20/2009	0.7 UJ	<0.2	**653**	**207**	**0.398**	**4.8 J**	**913**	**1.32 J**	**1.11**	**50.8**	**58.7 J-**
	SA-160	0 - 1.5	10/14/2009	<0.7	<0.2	**391**	**159**	**0.465 J**	**4.2 J**	**926**	**2.94 J**	**1.18**	**55.6 J**	**63.2**
		9.5 - 11	10/14/2009	<0.7	**0.6**	**800**	**208**	**0.088 J**	**4.1 J**	**735**	**0.32 J**	**0.977**	**42.7 J**	**36.6**
Pre-Excavation	SA-139	0.5 - 1.5	4/13/2010	--	--	--	--	--	--	--	--	--	--	--
		1.5 - 2.5	4/13/2010	--	--	--	--	--	--	--	--	--	--	--
	SA-160	1.5 - 2.5	5/25/2010	--	--	--	--	--	--	--	--	--	--	--
		4.5 - 5.5	5/25/2010	--	--	--	--	--	--	--	--	--	--	--
	SSAN8-03	2 - 2.5	9/07/2010	--	--	--	--	--	--	--	--	--	--	--
	SSAN8-05	1 - 1.5	9/07/2010	--	--	--	--	--	--	--	--	--	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
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Table A-16c. SOIL ANALYTICAL RESULTS, ECA GROUP C17/C19
Radionuclides (pCi/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Radionuclides (pCi/g)							
				Radium-226	Radium-228	Thorium-228	Thorium-230	Thorium-232	Uranium-234	Uranium-235	Uranium-238
			HSSL:	0.023	0.046	0.026	14	13	18	0.33	1.5
Phase B	RSAN8	6 - 7.5	10/13/2009	**0.544**	**1.15**	**1.81**	**0.995**	**1.57**	**1.07**	**0.0672**	**1.13**
	SA-61	0.5 - 2	6/16/2009	**0.865 J**	**1.52**	**1.72**	**0.746**	**1.58 J**	**1.26**	**0.0694**	**1.33**
		10 - 11.5	8/11/2009	**1.52**	**0.936**	**1.91**	**1.29**	**1.84**	**1.14**	**0.0404 U**	**1.16**
	SA-139	6.5 - 8	8/20/2009	**0.994**	**1.08**	**1.92**	**1.28**	**1.75**	**0.974**	**0.0461**	**0.959**
	SA-160	0 - 1.5	10/14/2009	**0.764**	**1.20**	**1.55**	**0.955**	**1.25**	**0.961**	**0.0535**	**0.962**
		9.5 - 11	10/14/2009	**0.634**	**1.11**	**1.44**	**0.978**	**1.43**	**0.996**	**0.0448**	**0.997**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
pCi/g: picocuries per gram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: result above minimum detectable activity
Value: result below minimum detectable activity
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-16d. SOIL ANALYTICAL RESULTS, ECA GROUP C17/C19
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Acetone	t-Amyl methyl ether	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene
			HSSL:	100,000,000	--	5,310	679,000	628,000	1,300	95,300	30,300	28,400,000	108,000	145,000	183,000	2,960	1,370,000	2,120,000	1,390	464,000	907,000	26,000,000	10,400,000
Phase B	RSAN8	6 - 7.5	10/13/2009	**4.9 J**	<0.11	<0.45	<0.40	<0.40	<0.50	<0.41	<0.76	**0.96 J**	<0.74	<0.63	<0.53	<0.44	<0.47	<0.47	<0.42	<0.55	<0.59	<0.52	<0.49
	SA-61	0.5 - 2	6/16/2009	**9.4 J**	<0.12	<0.23	<0.33	<0.35	<0.23	<0.46	<0.49	<0.82	<0.63	<0.49	<0.35	<0.49	<0.24	<0.47	<0.35	<0.33	<0.48	<0.58	<0.31
		10 - 11.5	8/11/2009	**16 J**	<0.096	<0.40	<0.36	<0.36	<0.45	<0.37	<0.68	<0.67	<0.67	<0.57	<0.48	<0.40	<0.42	<0.42	**0.97 J**	<0.50	<0.54	<0.47	<0.44
	SA-139	6.5 - 8	8/20/2009	**18 J**	<0.11	<0.45	<0.40	<0.40	<0.49	<0.41	<0.75	**1.9 J**	<0.73	<0.63	<0.53	<0.44	<0.47	<0.47	<0.42	<0.55	<0.59	<0.52	<0.48
	SA-160	0 - 1.5	10/14/2009	**54**	<0.14	<0.56	<0.50	<0.50	<0.62	<0.51	<0.94	<0.92	<0.92	<0.78	<0.66	<0.54	<0.58	<0.58	<0.52	<0.69	<0.74	<0.65	<0.60
		9.5 - 11	10/14/2009	**15 J**	<0.12	<0.48	<0.43	<0.43	<0.53	<0.44	<0.81	**1.0 J**	<0.79	<0.68	<0.57	<0.47	<0.50	<0.50	<0.45	<0.60	<0.64	<0.56	<0.52
Pre-Excavation	SSAN8-03	2 - 2.5	9/07/2010	**9.9 J**	<0.83	<0.25	<0.26	<0.16	<0.12	<0.12	<0.27	**1.8 J**	<0.30	<0.41	<0.27	<0.34	<0.29	<0.48	<0.16	<0.41	<0.27	<0.42	<0.32
		2.5 - 3	9/07/2010	<3.3	<0.95	<0.29	<0.30	<0.18	<0.13	<0.14	<0.30	<1.1	<0.34	<0.47	<0.30	<0.38	<0.33	<0.54	<0.18	<0.47	<0.31	<0.48	<0.36
	SSAN8-05	1 - 1.5	9/07/2010	**31**	<1.2	<0.36	<0.38	<0.23	<0.17	<0.18	<0.39	**8.8 J**	<0.43	<0.60	<0.39	<0.49	<0.42	<0.69	<0.22	<0.60	<0.40	<0.60	<0.46

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Table A-16d. SOIL ANALYTICAL RESULTS, ECA GROUP C17/C19
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane	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
			HSSL:	147,000	64.9	43,300	168	98,900	376,000	373,000	11,500	368,000	15,800	2,100	20,000	400,000	304,000	11,700	26,000,000	--	--	--	--
Phase B	RSAN8	6 - 7.5	10/13/2009	<0.62	<0.67	<0.32	<0.29	<0.32	<0.38	<0.51	<0.68	<0.51	<0.45	<0.34	<0.36	<0.30	<0.51	<0.38	<0.35	<0.32	<0.39	<0.33	<0.36
	SA-61	0.5 - 2	6/16/2009	<0.48	<0.75	<0.36	<0.33	<0.36	<0.37	<0.53	<0.64	<0.56	<0.18	<0.28	<0.35	<0.24	<0.34	<0.28	<0.33	<0.31	<0.43	<0.33	<0.39
		10 - 11.5	8/11/2009	<0.56	<0.60	<0.29	<0.27	<0.29	<0.34	<0.46	<0.61	<0.46	<0.40	<0.31	<0.33	<0.27	<0.46	<0.34	<0.32	<0.29	<0.35	<0.30	<0.33
	SA-139	6.5 - 8	8/20/2009	<0.62	<0.67	<0.32	<0.29	<0.32	<0.38	<0.50	<0.68	<0.50	<0.45	<0.34	<0.36	<0.30	<0.50	<0.38	<0.35	<0.32	<0.39	<0.33	<0.36
	SA-160	0 - 1.5	10/14/2009	<0.77	<0.83	<0.40	<0.36	<0.40	<0.47	<0.63	<0.84	<0.63	<0.56	<0.42	<0.45	<0.38	<0.63	<0.47	<0.44	<0.40	<0.48	<0.41	<0.45
		9.5 - 11	10/14/2009	<0.67	<0.72	<0.35	<0.32	<0.35	<0.41	<0.54	<0.73	<0.54	<0.48	<0.37	<0.39	<0.33	<0.54	<0.41	<0.38	<0.35	<0.42	<0.36	<0.39
Pre-Excavation	SSAN8-03	2 - 2.5	9/07/2010	<0.26	<0.32	<0.31	<0.28	<0.45	<0.24	<0.26	<0.42	<0.28	<0.11	<0.38	<0.32	<0.30	<0.21	<0.30	<0.27	<0.24	<0.29	<0.69	<0.36
		2.5 - 3	9/07/2010	<0.30	<0.37	<0.35	<0.32	<0.51	<0.27	<0.29	<0.48	<0.32	<0.13	<0.43	<0.36	<0.34	<0.24	<0.34	<0.31	<0.27	<0.33	<0.79	<0.41
	SSAN8-05	1 - 1.5	9/07/2010	<0.38	<0.46	<0.44	<0.40	<0.65	<0.35	<0.37	<0.60	<0.40	<0.16	<0.54	**0.71 J**	<0.43	<0.30	<0.43	<0.40	<0.34	<0.42	<1.0	<0.52

Notes:
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Table A-16d. SOIL ANALYTICAL RESULTS, ECA GROUP C17/C19
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Diisopropyl ether	Ethyl benzene	Ethyl tert-butyl ether	Hexachlorobutadiene	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	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
			HSSL:	2,260,000	26,600	560,000	5,610	1,490,000	217,000	1,130,000	11,300	3,360,000	264,000	867,000	9,070	2,910	107,000	818,000	151,000	125,000	640,000	5,280	6,310
Phase B	RSAN8	6 - 7.5	10/13/2009	<0.24	<0.85	<0.24	<0.73	<0.69	<0.30	<0.37	<0.88	<0.63	<0.50	<0.44	<0.27	<0.39	<0.48	**0.35 J**	<0.70	<0.86	<0.21	<0.56	<0.39
	SA-61	0.5 - 2	6/16/2009	<0.26	<0.95	<0.26	<0.81	<0.76	<0.24	**1.7 J**	<0.98	<0.70	<0.42	<0.31	<0.26	<0.35	<0.53	**0.93 J**	<0.78	<0.82	<0.23	<0.25	<0.43
		10 - 11.5	8/11/2009	<0.21	<0.77	<0.21	<0.66	<0.62	<0.27	<0.34	<0.80	<0.57	<0.45	<0.40	<0.25	<0.35	<0.43	**0.36 J**	<0.63	<0.78	<0.19	<0.51	<0.35
	SA-139	6.5 - 8	8/20/2009	<0.24	<0.85	<0.24	<0.72	<0.69	<0.30	<0.37	<0.88	<0.63	<0.49	<0.44	<0.27	<0.39	<0.48	**0.90 J**	<0.70	<0.86	<0.21	<0.56	<0.39
	SA-160	0 - 1.5	10/14/2009	<0.29	<1.1	<0.29	<0.90	<0.86	<0.38	<0.46	<1.1	<0.78	<0.62	<0.54	<0.34	<0.48	<0.59	**0.55 J**	<0.87	<1.1	<0.26	<0.70	<0.48
		9.5 - 11	10/14/2009	<0.25	<0.92	<0.25	<0.78	<0.74	<0.33	<0.40	<0.95	<0.68	<0.53	<0.47	<0.30	<0.42	<0.51	<0.34	<0.75	<0.93	<0.22	<0.61	<0.42
Pre-Excavation	SSAN8-03	2 - 2.5	9/07/2010	<1.5	--	<2.3	<0.30	<2.6	<0.18	**0.71 J**	<0.34	<2.3	<0.31	<0.34	<0.30	<0.33	<0.32	<0.37	<0.40	<0.39	<0.28	<0.47	<0.12
		2.5 - 3	9/07/2010	<1.7	--	<2.6	<0.34	<3.0	<0.21	**0.52 J**	<0.38	<2.7	<0.35	<0.38	<0.34	<0.37	<0.36	<0.42	<0.46	<0.45	<0.32	<0.54	<0.14
	SSAN8-05	1 - 1.5	9/07/2010	<2.1	--	<3.3	<0.43	<3.8	<0.26	**1.4 J**	<0.49	<3.4	<0.45	<0.49	<0.43	<0.47	<0.46	<0.53	<0.58	<0.57	<0.40	<0.68	<0.18

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
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Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
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Table A-16d. SOIL ANALYTICAL RESULTS, ECA GROUP C17/C19
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)							
				Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	tert Butyl alcohol
			HSSL:	1,230,000	121	219,000	182,000	1,870	--	434,000	7,270,000
Phase B	RSAN8	6 - 7.5	10/13/2009	<0.32	<0.52	<0.60	<0.51	<0.46	<0.90	<0.61	<6.8
	SA-61	0.5 - 2	6/16/2009	<0.36	<0.57	<0.40	<0.32	<0.25	<0.68	<0.68	<7.6
		10 - 11.5	8/11/2009	<0.29	<0.47	<0.54	<0.46	<0.41	<0.81	<0.55	<6.1
	SA-139	6.5 - 8	8/20/2009	<0.32	<0.51	<0.60	<0.50	<0.46	<0.90	<0.61	<6.8
	SA-160	0 - 1.5	10/14/2009	<0.40	<0.64	<0.75	<0.63	<0.57	**2.6 J**	<0.76	<8.4
		9.5 - 11	10/14/2009	<0.35	<0.55	<0.65	<0.54	<0.49	<0.97	<0.66	<7.3
Pre-Excavation	SSAN8-03	2 - 2.5	9/07/2010	<0.56	<0.44	<0.31	<0.31	<0.72	<0.56	<0.33	6.9 UJ
		2.5 - 3	9/07/2010	<0.63	<0.49	<0.35	<0.35	<0.82	<0.63	<0.37	7.9 UJ
	SSAN8-05	1 - 1.5	9/07/2010	<0.81	<0.63	<0.45	<0.44	<1.0	<0.81	<0.47	10 UJ

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-16e. SOIL ANALYTICAL RESULTS, ECA GROUP C17/C19
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																			
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Butylbenzylphthalate	Chrysene	Di-n-butylphthalate	Di-n-octylphthalate	Dibenz(a,h)anthracene	Diethylphthalate	Dimethylphthalate	1,4-Dioxane	Fluoranthene	Fluorene	Hexachlorobenzene	Indeno(1,2,3-cd)pyrene
			HSSL:	118,000	44,000	4,260	9,980	3,500	35,000	25,100,000	350,000	1,860,000	3,500,000	91,200,000	9,120,000	3,500	100,000,000	100,000,000	27,200	33,500,000	93,100	231	35,000
Phase B	RSAN8	6 - 7.5	10/13/2009	<0.99	<0.73	<1.2	**6.1 J**	**6.4 J**	**7.4**	**5.4 J**	**7.8**	<2.3	**14**	<33	<1.1	<0.76	<120	<0.88	4.9 UJ	**19**	<0.68	**42**	**5.1 J**
Pre-Excavation	SSAN8-03	2 - 2.5	9/07/2010	<10	<17	<17	<20	<20	<27	<16	<41	<44	<27	<29	<15	<19	<26	<23	<67	<37	<18	<29	<22

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-16e. SOIL ANALYTICAL RESULTS, ECA GROUP C17/C19
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)							
				2-Methylnaphthalene	Naphthalene	Nitrobenzene	Octachlorostyrene	Phenanthrene	Pyrene	Pyridine	bis(2-Ethylhexyl)phthalate
			HSSL:	368,000	11,300	22,500	--	24,500	44,000	1,300,000	252,000
Phase B	RSAN8	6 - 7.5	10/13/2009	**3.0 J**	**5.4 J**	<1.8	**6.8**	**17**	**9.1**	<27	<130
Pre-Excavation	SSAN8-03	2 - 2.5	9/07/2010	<19	<32	<22	<58	<17	**21 J**	<130	<47

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-16h. SOIL ANALYTICAL RESULTS, ECA GROUP C17/C19
Dioxins/Furans (pg/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Dioxins/Furans (pg/g)																	
				TCDD	PeCDD	1,4-HxCDD	1,6-HxCDD	1,9-HxCDD	1,4,6-HpCDD	OCDD	TCDF	1-PeCDF	4-PeCDF	1,4-HxCDF	1,6-HxCDF	1,9-HxCDF	4,6-HxCDF	1,4,6-HpCDF	1,4,9-HpCDF	OCDF	Total Dioxin/Furan TEQ (Calculated)
			HSSL:	26.7	--	--	--	581	--	--	--	--	--	--	--	--	--	--	--	--	2,700
Phase B	RSAN8	6 - 7.5	10/13/2009	**0.61**	**2.1 J**	**1.4 J**	**2.7**	**2.1 J**	**8.0**	**11**	**18**	**28**	**14**	**44**	**31**	**5.3**	**8.2**	**90**	**45**	**330**	--
	SA-61	0.5 - 2	6/16/2009	**0.171 JK**	**0.584 J**	**0.283 JK**	**0.728 J**	**0.687 JK**	**3.26**	**9.30**	**2.75**	**6.08**	**3.19**	**13.0**	**8.20**	**1.33 JK**	**5.01**	**29.7**	**12.0**	**195**	**5.6**
	SA-160	0 - 1.5	10/14/2009	**1.7**	**3.2**	**1.7 J**	**3.7**	**3.5**	**11**	**21**	**38**	**43**	**28**	**52**	**35**	**6.5**	**11**	**72**	**39**	**380**	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pg/g: picograms per gram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-16i. SOIL ANALYTICAL RESULTS, ECA GROUP C17/C19
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)																		
				Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	Chlordane (total)	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide
			HSSL:	205	274,000	54,700	333,000	11,100	--	500,000	500,000	14,700	10,300	10,600	220	--	--	4,900,000	274,000	--	--	696	366
Phase B	RSAN8	6 - 7.5	10/13/2009	<1.8	<1.8	**14**	<1.8	<1.8	<8.5	<1.8	**3.9**	<3.4	**27**	**6.6 J**	<3.4	<1.8	<3.4	<3.4	<3.4	<3.4	<3.4	<1.8	<1.8

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-16i. SOIL ANALYTICAL RESULTS, ECA GROUP C17/C19
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)		
				Hexachlorobenzene	Methoxychlor	Toxaphene
			HSSL:	231	4,560,000	3,210
Phase B	RSAN8	6 - 7.5	10/13/2009	**40**	**18 J**	<34

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-16k. SOIL ANALYTICAL RESULTS, ECA GROUP C17/C19
Petroleum Indicators (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Petroleum Indicators (mg/kg)		
				Petroleum Hydrocarbons	Gasoline Range Organics	Diesel Range Organics
			HSSL:	--	--	--
Phase B	RSAN8	6 - 7.5	10/13/2009	<41	--	<41
	SA-61	0.5 - 2	6/16/2009	--	<5.0	--
		10 - 11.5	8/11/2009	--	<3.0	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-16m. SOIL ANALYTICAL RESULTS, ECA GROUP C17/C19
Asbestos (s/samp)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Asbestos (s/samp)								
				Long Amphibole Protocol Structures Count	Long Asbestos Protocol Structures Count	Long Chrysotile Protocol Structures Count	Short Amphibole Structures Counts	Short Asbestos Structures Counts	Short Chrysotile Structures Counts	Total Amphibole Protocol Structures Count	Total Asbestos Protocol Structures Count	Total Chrysotile Protocol Structures Count
			HSSL:	0	--	5	--	--	--	--	--	--
Phase B	RSAN8	5.5	8/26/2009	0	0	0	0	0	0	0	0	0
			8/26/2009 (FD)	0	0	0	0	0	0	0	0	0
	SA-61	0	7/23/2009	0	0	0	0	0	0	0	0	0
	SA-160	0	8/26/2009	0	0	0	0	0	0	0	0	0

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-17a. SOIL ANALYTICAL RESULTS, ECA C18
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)														
				Ammonia	Bicarbonate as HCO_3	Bromide	Carbonate as CO_3	Chlorate	Chloride	Chromium (total)	Chromium VI	Hydroxide	Nitrate (as NO_3)	Nitrate Nitrite as N	Nitrite	Perchlorate	ortho-Phosphate	Sulfate
			HSSL:	27,900	--	--	--	38,900	--	100,000	564	--	100,000	--	120,000	908	--	--
Phase A	SA-13	0.5 - 2	11/17/2006	0.78 UJ	--	<0.58	--	<1.2	**269 J**	**12.8 J-**	<0.12	--	<0.21	--	**5.7 J**	**0.192**	<1.2	**13,800 J**
			11/17/2006 (FD)	0.74 UJ	--	<0.55	--	1.1 UJ	**15.0 J**	**13.8 J-**	**0.12 J**	--	**1.9 J+**	--	**0.10 J**	**0.12**	**3.2 J**	**1,080 J**
		10 - 11.5	11/17/2006	0.69 UJ	--	<0.52	--	1.0 UJ	**13.5 J**	**10.1 J-**	<0.10	--	**3.5 J+**	--	**0.55 J**	**0.195**	<1.0	**853 J**
Phase B	RSAP8	2 - 3.5	10/23/2009	0.12 UJ	--	<0.2	<3	<0.043	**55.4 J+**	**8.53**	<0.19	--	**14 J+**	--	<0.08	**0.75**	--	**1,280 J+**
	RSAQ8	1.5 - 3	10/22/2009	0.097 UJ	--	**1.2**	<3	**4.03 J-**	**538 J+**	**17.2**	**2.32**	--	**61 J+**	--	**0.42**	**141**	--	**16,400 J+**
	SA-140	1.5 - 3	10/27/2009	<0.097	--	<0.2	<3	**0.046 J**	**11.4**	**6.84**	<0.20	--	**5.7 J+**	--	<0.08	**0.138**	--	**15,100 J**
Phase 1 RI	M-186D	0.5 - 1	12/08/2014	**7.3 J**	**50,000**	<3.6	<310	**17,000**	**3,400**	**19**	--	<180	**360**	**81**	<1.1	**100**	<4.2	**7,000**
			12/08/2014 (FD)	**7.6 J**	**51,000**	<3.6	<310	**17,000**	**4,700**	**18**	--	<180	**480**	**110**	<1.1	**120**	<4.2	**6,700**
		5 - 5.5	12/08/2014	**3.4 J**	**30,000**	**6.7**	<310	**17**	**600**	**12**	--	<180	**66**	**15**	<1.2	**13**	<4.2	**1,100**
	RISB-58	0.5 - 1	11/12/2014	<2.6	**4,900**	<3.8	<82	<0.055	**4.7 J**	**9.5**	<0.44	<47	**5.4 J**	**1.2 J**	<1.2	**0.039 J-**	<4.4	**120**
		5 - 5.5	11/13/2014	<2.6	**44,000**	<3.8	**650**	<0.055	**9.0**	**12**	<0.44	<190	<3.8	<1.2	<1.2	0.010 UJ	4.4 UJ	**70**
			11/13/2014 (FD)	<2.6	**39,000**	<3.8	**950**	**0.15 J**	**8.3**	**10**	<0.42	<180	<3.8	<1.2	<1.2	**0.62 J-**	4.3 UJ	**88 J-**
		10 - 10.5	11/13/2014	<2.6	**39,000**	<3.8	**990**	<0.056	**8.9**	**12**	<0.44	<190	<3.8	<1.2	<1.2	0.010 UJ	4.4 UJ	**83 J-**
	RISB-59	0.8 - 1.3	11/05/2014	**3.5 J**	**39,000**	<3.8	<320	**1.1**	**180**	**15**	<0.43	<180	**19 J**	**4.4 J**	1.2 UJ	**4.8**	--	**8,200**
		5 - 5.5	11/05/2014	**3.9 J**	**25,000**	<3.7	<320	**0.93**	**40**	**7.1**	<0.42	<180	**7.6 J-**	**1.7 J-**	<1.2	**2.6**	--	**1,500 J**
			11/05/2014 (FD)	<2.6	**26,000**	<3.8	<320	**0.98**	**30**	**8.3**	<0.43	<180	**6.4 J-**	**1.4 J-**	<1.2	**2.4**	--	**890 J**
		10 - 10.5	11/05/2014	<2.6	**62,000**	<3.8	<320	<0.054	**57**	**12**	<0.44	<180	**7.1 J-**	**1.6 J-**	<1.2	**2.5**	--	**1,200**
	RISB-60	0.5 - 1	11/12/2014	**3.5 J**	**2,600**	<4.0	<86	<0.058	**19**	**18**	**0.63 J**	<49	**8.1**	**1.8**	<1.3	**0.19 J-**	4.6 UJ	**6,500**
		5 - 5.5	11/12/2014	**1.6 J**	**1,200**	<3.9	<83	<0.055	**29**	**12**	<0.45	<47	**8.7**	**2.0**	<1.2	**0.37 J-**	4.4 UJ	**9,300**
		10 - 10.5	11/12/2014	**3.2 J**	**2,200**	<3.9	<83	<0.055	**37**	**15**	<0.45	<47	**38**	**8.5**	<1.2	**0.81 J-**	4.5 UJ	**7,400**
	RISB-61	0.8 - 1.3	11/05/2014	**2.8 J**	**32,000**	**6.9**	**320**	**80**	**920**	**13**	<0.43	<180	**63 J-**	**14 J-**	<1.2	**400**	--	**880**
		5 - 5.5	11/06/2014	**5.1 J**	**31,000**	**4.4 J**	**630**	**16**	**140**	**16**	<0.42	<180	**13**	**3.0**	<1.2	**63**	**35**	**690**
		10 - 10.5	11/06/2014	**9.2 J**	**45,000**	**4.5 J**	**660**	**24**	**250**	**310**	<0.44	<190	**12**	**2.7**	<1.2	**110**	**11**	**460**
	RISB-62	0.8 - 1.3	11/11/2014	**45**	**21,000**	<3.8	**320**	<0.054	**20**	**12**	<0.44	<180	<3.8	<1.2	<1.2	<0.010	4.4 UJ	**280**
		5 - 5.5	11/11/2014	**14**	**8,200**	<3.8	**160**	<0.054	**13**	**17**	<0.43	<46	<3.8	<1.2	<1.2	<0.010	4.4 UJ	**180**
		10 - 10.5	11/11/2014	**13**	**45,000**	<3.8	**640**	<0.054	**23**	**20**	<0.43	<180	<3.8	<1.2	<1.2	<0.010	4.3 UJ	**150**
	RISB-63	0.5 - 1	11/10/2014	**3.5 J**	**37,000**	<3.7	<310	**36**	**160**	**13**	**1.1**	<180	**23**	**5.1**	<1.2	**49**	--	**3,300**
		5 - 5.5	11/10/2014	**4.4 J**	**31,000**	<3.9	**650**	**80**	**430**	**14**	<0.44	<180	**38**	**8.5**	<1.2	**130**	--	**200**
		10 - 10.5	11/10/2014	**3.4 J**	**43,000**	<3.8	**320**	**72**	**390**	**30**	<0.43	<180	**34**	**7.6**	<1.2	**92**	--	**1,300**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-17b. SOIL ANALYTICAL RESULTS, ECA C18
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)																		
				Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Niobium	Palladium	Phosphorus (total)
			HSSL:	100,000	3,450	7.2	100,000	6,130	100,000	8,180	--	385	51,900	100,000	800	100,000	100,000	3.13	6,490	50,300	130	--	100,000
Phase A	SA-13	0.5 - 2	11/17/2006	**7,350**	**0.19 J-**	**2.1**	**159**	**0.50 J-**	**3.0 J-**	**0.13**	**12,600 J**	**6.9 J-**	**15.9 J-**	**15,600**	**9.0**	**6,580 J-**	**1,680**	**0.013 J-**	**0.58 J**	**13.9 J-**	--	--	--
			11/17/2006 (FD)	**8,310**	**0.25 J-**	**2.3**	**181**	**0.51 J-**	**3.8 J-**	**0.12**	**12,300 J**	**7.2 J-**	**14.7 J-**	**16,100**	**9.5**	**7,030 J-**	**2,320**	**0.017 J-**	**0.52 J**	**14.3 J-**	--	--	--
		10 - 11.5	11/17/2006	**5,630**	**0.18 J-**	**2.1**	**159 J**	**0.37 J-**	**2.6 J-**	**0.11**	**9,080 J+**	**6.3 J-**	**12.6 J**	**13,200**	**9.4**	**4,940 J-**	**350 J**	**0.0082 J-**	**0.60**	**11.6 J-**	--	--	--
Phase B	RSAP8	2 - 3.5	10/23/2009	**10,600**	**1.5 J**	**1.91**	**211 J**	**0.45 J**	**6.3 J**	0.04 UJ	**25,800 J**	**9.2**	**21 J+**	**17,900**	**10.6**	**9,390**	**538 J+**	**0.014 J**	**0.82**	**17.6**	--	--	**937**
	RSAQ8	1.5 - 3	10/22/2009	**11,700**	**4.9 J-**	**30.2**	**2,150 J**	**1.58 J**	**37.1**	**1.91 J**	**22,400 J**	**190**	**125 J+**	**19,600**	**175**	**8,330**	**70,300 J+**	**0.322**	**7.81**	**98.1**	--	--	**614**
	SA-140	1.5 - 3	10/27/2009	**8,360**	**0.6 J**	**3.03**	**367 J**	**0.431 J**	**3.3 J**	**0.13**	**21,200**	**22.6**	**34.5**	**14,800**	**12.7**	**8,350**	**12,600 J**	**0.028**	**0.66**	**22.6**	--	--	**692 J+**
Phase 1 RI	M-186D	0.5 - 1	12/08/2014	**9,300**	**0.93 J-**	**13**	**620 J+**	--	<26	<2.6	--	**420**	**110**	**15,000**	**27 J-**	**9,000**	**29,000**	**0.34**	<10	**180**	**1.9 J**	<0.055	**950**
			12/08/2014 (FD)	**10,000**	**0.84 J-**	**11**	**600 J+**	--	<26	<2.6	--	**330**	**99**	**16,000**	**26 J-**	**11,000**	**25,000**	**0.40**	<10	**140**	**2.2 J**	<0.056	**1,100**
		5 - 5.5	12/08/2014	**8,000**	0.53 UJ	**3.6**	**220 J+**	--	**9.1**	**0.41 J**	--	**50**	**31**	**15,000**	**12**	**9,900**	**3,500**	**0.059**	<1.1	**32**	<1.8	<0.051	**1,200**
	RISB-58	0.5 - 1	11/12/2014	**6,000**	0.54 UJ	**2.7**	**140 J-**	--	<13	<1.3	--	**51**	**15**	**11,000**	<5.4	**5,700 J**	**12,000 J**	**0.018 J**	<5.4	**27**	--	--	**830**
		5 - 5.5	11/13/2014	**9,700**	0.54 UJ	**3.0**	**180 J-**	--	**3.6 J**	<0.28	--	**7.0**	**17**	**15,000**	**8.5**	**9,700**	**360 J**	**0.11**	<1.1	**15**	--	--	**1,100**
			11/13/2014 (FD)	**8,500**	0.53 UJ	**2.3**	**160 J-**	--	**3.1 J**	<0.26	--	**8.8**	**15**	**12,000**	**7.0**	**7,200**	**1,600 J**	**0.015 J**	<1.1	**16**	--	--	**1,100**
		10 - 10.5	11/13/2014	**11,000**	0.55 UJ	**2.7**	**160 J-**	--	**3.3 J**	<0.28	--	**8.2**	**20**	**17,000**	**7.9**	**11,000**	**760**	**0.026**	<1.1	**16**	--	--	**1,200**
	RISB-59	0.8 - 1.3	11/05/2014	**6,300**	0.53 UJ	**6.2**	**200 J+**	--	<13	<1.3	--	**25**	**37**	**12,000**	**22**	**7,100**	**13,000 J**	**0.10**	<5.3	**26**	--	--	--
		5 - 5.5	11/05/2014	**7,300**	0.53 UJ	**1.7**	**130 J+**	--	**4.2 J**	<0.27	--	**6.4**	**18**	**12,000**	**7.0**	**8,300**	**400 J**	**0.017 J**	<1.1	**15**	--	--	--
			11/05/2014 (FD)	**7,100**	0.54 UJ	**1.9**	**150 J+**	--	**4.0 J**	<0.27	--	**6.2**	**16**	**12,000**	**7.1**	**6,800**	**360 J**	**0.034**	<1.1	**13**	--	--	--
		10 - 10.5	11/05/2014	**10,000**	0.54 UJ	**3.3**	**150 J+**	--	**5.2 J**	<0.27	--	**7.1**	**19**	**15,000**	**7.2**	**11,000**	**340 J**	**0.016 J**	<1.1	**16**	--	--	--
	RISB-60	0.5 - 1	11/12/2014	**11,000**	**9.7 J-**	**38**	**770 J-**	--	<14	<1.4	--	**39**	**100**	**16,000**	**200**	**7,600 J**	**17,000 J**	**0.043 J-**	<5.7	**35**	--	--	**1,200**
		5 - 5.5	11/12/2014	**8,000**	0.55 UJ	**2.4**	**140 J-**	--	<14	<1.4	--	**17**	**17**	**15,000**	**19**	**6,800 J**	**24,000 J**	0.013 UJ	<5.5	**22**	--	--	**1,300**
		10 - 10.5	11/12/2014	**9,500**	0.55 UJ	**2.6**	**170 J-**	--	<14	<1.4	--	**17**	**19**	**17,000**	**15**	**8,300 J**	**16,000 J**	**0.020 J-**	<5.5	**23**	--	--	**1,200**
	RISB-61	0.8 - 1.3	11/05/2014	**9,100**	0.53 UJ	**3.7**	**190 J+**	--	**35**	<0.27	--	**12**	**24**	**14,000**	**14**	**11,000**	**2,400 J**	**0.043**	<1.1	**17**	--	--	--
		5 - 5.5	11/06/2014	**10,000**	0.52 UJ	**3.1**	**190**	--	**39**	<0.26	--	**9.0**	**22**	**18,000**	**9.1**	**8,500**	**680**	**0.031 J+**	**1.2 J**	**17**	--	--	**1,100**
		10 - 10.5	11/06/2014	**10,000**	0.55 UJ	**4.2**	**170**	--	**24**	<0.27	--	**11**	**60**	**43,000**	**9.3**	**9,600**	**940**	**0.047**	**81**	**33**	--	--	**1,300**
	RISB-62	0.8 - 1.3	11/11/2014	**8,000**	0.54 UJ	**2.5**	**180 J-**	--	**3.4 J**	<0.27	--	**9.5**	**20**	**13,000**	**11**	**7,900**	**1,500**	**0.052**	<1.1	**15**	--	--	**1,100**
		5 - 5.5	11/11/2014	**8,700**	0.54 UJ	**2.6**	**130 J-**	--	**4.1 J**	<0.27	--	**8.7**	**20**	**19,000**	**8.6**	**7,900**	**380**	**0.044**	<1.1	**17**	--	--	**1,100**
		10 - 10.5	11/11/2014	**9,600**	0.55 UJ	**2.8**	**130 J-**	--	**4.8 J**	<0.27	--	**8.2**	**18**	**18,000**	**7.5**	**11,000**	**2,200**	**0.034**	<1.1	**16**	--	--	**990**
	RISB-63	0.5 - 1	11/10/2014	**7,200**	**0.93 J**	**5.3**	**300**	--	<26	<2.6	--	**31 J+**	**27**	**14,000**	**28 J+**	**7,700**	**15,000**	**0.14**	<10	**24**	--	--	**960**
		5 - 5.5	11/10/2014	**8,800**	0.54 UJ	**3.0**	**160**	--	**7.0 J+**	<0.27	--	**7.7 J+**	**17**	**14,000**	**8.3 J+**	**10,000**	**420**	**0.017 J**	<1.1	**18**	--	--	**1,100**
		10 - 10.5	11/10/2014	**9,600**	**0.73 J**	**6.8**	**350**	--	<27	<2.7	--	**110 J+**	**79**	**16,000**	**22 J+**	**9,700**	**18,000**	**0.050**	<11	**39**	--	--	**1,200**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-17b. SOIL ANALYTICAL RESULTS, ECA C18
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)															
				Platinum	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Sulfur	Thallium	Tin	Titanium	Tungsten	Uranium (total)	Vanadium	Zinc	Zirconium
			HSSL:	5,190	--	6,490	--	100,000	--	100,000	--	13	100,000	100,000	1,040	3,830	100,000	100,000	104
Phase A	SA-13	0.5 - 2	11/17/2006	**0.015 J**	**2,190**	**0.13 J**	--	**0.15 J**	**447 J-**	**130 J-**	--	**0.098 J**	**0.73**	**830**	**0.36 J**	**0.92**	**47.1 J-**	**31.5 J-**	--
			11/17/2006 (FD)	**0.022 J**	**2,500**	**0.12 J**	--	**0.16 J**	**564 J**	**162 J-**	--	**0.26 J**	**0.69**	**806**	**0.45 J**	**1.0**	**48.9 J-**	**29.8 J-**	--
		10 - 11.5	11/17/2006	**0.014 J**	**1,670 J-**	**0.11 J**	--	**0.13 J**	**251 J-**	**117 J**	--	**0.12 J**	**0.59**	**733**	**0.35 J**	**0.83**	**43.4 J-**	**27.3 J-**	--
Phase B	RSAP8	2 - 3.5	10/23/2009	**0.006 J+**	**2,930**	<0.7	--	<0.2	**603**	**233 J**	--	**0.099**	**4 J**	**1,050**	**0.14 J**	**0.812 J**	**55.3**	**39**	--
	RSAQ8	1.5 - 3	10/22/2009	**0.019 J**	**4,040**	<50.0	--	**1.7**	**1,390**	**309 J**	--	**4.21**	**3.1 J**	**931**	**19.9 J**	**1.89 J**	**73.2**	**186**	--
	SA-140	1.5 - 3	10/27/2009	**0.008 J**	**2,270**	0.8 UJ	--	<0.2	**255**	**161**	--	**0.371**	**4.2 J**	**799**	**0.94 J-**	**0.936 J**	**45**	**44.7**	--
Phase 1 RI	M-186D	0.5 - 1	12/08/2014	--	--	<0.52	**200**	<7.7	--	**270 J+**	**7,700**	**1.7**	--	--	52 UJ	**1.9**	--	**190**	<26
			12/08/2014 (FD)	--	--	**0.58 J**	**210**	<7.7	--	**260 J+**	**8,600**	**1.4**	--	--	51 UJ	**1.9**	--	**160**	<26
		5 - 5.5	12/08/2014	--	--	<0.53	**170**	**0.89 J**	--	**210 J+**	**3,700**	**0.29 J**	--	--	5.3 UJ	**1.3**	--	**47**	**18**
	RISB-58	0.5 - 1	11/12/2014	--	--	<0.54	**190 J-**	<4.0	--	--	**880 J**	<0.27	--	--	--	--	--	**32**	--
		5 - 5.5	11/13/2014	--	--	<0.54	**69 J-**	<0.83	--	--	**1,300 J**	<0.27	--	--	--	--	--	**31**	--
			11/13/2014 (FD)	--	--	<0.53	**65 J-**	<0.79	--	--	**910 J**	<0.26	--	--	--	--	--	**26**	--
		10 - 10.5	11/13/2014	--	--	<0.55	**79 J-**	<0.83	--	--	<450	<0.28	--	--	--	--	--	**37**	--
	RISB-59	0.8 - 1.3	11/05/2014	--	--	<0.53	--	<4.0	--	--	**1,000 J**	**0.38 J**	--	--	--	--	--	**92**	--
		5 - 5.5	11/05/2014	--	--	<0.53	--	<0.80	--	--	**780 J**	<0.27	--	--	--	--	--	**29**	--
			11/05/2014 (FD)	--	--	<0.54	--	<0.80	--	--	**1,700 J**	<0.27	--	--	--	--	--	**27**	--
		10 - 10.5	11/05/2014	--	--	<0.54	--	<0.81	--	--	**2,000 J**	<0.27	--	--	--	--	--	**33**	--
	RISB-60	0.5 - 1	11/12/2014	--	--	<0.57	**230 J-**	<4.3	--	--	**13,000**	**3.3**	--	--	--	--	--	**130**	--
		5 - 5.5	11/12/2014	--	--	<0.55	**310 J-**	<4.2	--	--	**26,000**	<0.28	--	--	--	--	--	**120**	--
		10 - 10.5	11/12/2014	--	--	<0.55	**250 J-**	<4.1	--	--	**20,000**	<0.27	--	--	--	--	--	**62**	--
	RISB-61	0.8 - 1.3	11/05/2014	--	--	<0.53	--	<0.80	--	--	**14,000 J+**	<0.27	--	--	--	--	--	**40**	--
		5 - 5.5	11/06/2014	--	--	0.52 UJ	**150 J-**	<0.78	--	--	<410	<0.26	--	--	--	--	--	**40**	--
		10 - 10.5	11/06/2014	--	--	0.55 UJ	**150 J-**	<0.82	--	--	<390	<0.27	--	--	--	--	--	**37**	--
	RISB-62	0.8 - 1.3	11/11/2014	--	--	<0.54	**78 J-**	<0.81	--	--	<440	<0.27	--	--	--	--	--	**37**	--
		5 - 5.5	11/11/2014	--	--	<0.54	**110 J-**	<0.80	--	--	**1,400 J**	<0.27	--	--	--	--	--	**40**	--
		10 - 10.5	11/11/2014	--	--	<0.55	**120 J-**	<0.82	--	--	**1,100 J**	<0.27	--	--	--	--	--	**42**	--
	RISB-63	0.5 - 1	11/10/2014	--	--	<0.52	**98 J**	<16	--	--	**3,700 J-**	**0.67**	--	--	--	--	--	**43 J+**	--
		5 - 5.5	11/10/2014	--	--	<0.54	**110 J**	<0.81	--	--	**780 J-**	<0.27	--	--	--	--	--	**31 J+**	--
		10 - 10.5	11/10/2014	--	--	<0.53	**140 J**	<8.0	--	--	**2,400 J-**	**0.36 J**	--	--	--	--	--	**480 J+**	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-17c. SOIL ANALYTICAL RESULTS, ECA C18
Radionuclides (pCi/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Radionuclides (pCi/g)									
				Radium-226	Radium-228	Thorium-228	Thorium-230	Thorium-232	Uranium-234		Uranium-235		Uranium-238
			HSSL:	0.023	0.046	0.026	14	13	--	18	--	0.33	1.5
Phase A	SA-13	0.5 - 2	11/17/2006	**1.12 J-**	**1.68 J-**	--	--	--	--	--	--	--	--
			11/17/2006 (FD)	**1.06 J-**	**1.87 J-**	--	--	--	--	--	--	--	--
		10 - 11.5	11/17/2006	**1.14 J-**	**2.05 J-**	--	--	--	--	--	--	--	--
Phase B	RSAP8	2 - 3.5	10/23/2009	**0.4 J**	**1.25**	**1.2**	**1.02**	**1.46**	--	**0.789 J**	--	**0.00461 U**	**0.712**
	RSAQ8	1.5 - 3	10/22/2009	**0.362**	**-0.0598 UJ**	**1.56**	**0.887**	**1.08 J**	--	**1.29**	--	**0.0321 U**	**1.17**
	SA-140	1.5 - 3	10/27/2009	**0.544**	**0.445**	**1.70**	**0.773**	**1.15**	--	**0.936**	--	**0.0432**	**0.742**
Phase 1 RI	M-186D	0.5 - 1	12/08/2014	**0.982 J**	**1.20 J**	**1.36**	**1.47**	**1.29**	**1.14**	--	**0.0807**	--	**1.09**
			12/08/2014 (FD)	**1.35 J**	**0.724 J**	**1.15**	**1.02**	**1.49**	**1.21**	--	**0.000 U**	--	**0.945**
		5 - 5.5	12/08/2014	**1.03 J**	**1.03 J**	**1.68**	**1.42**	**1.54**	**1.09**	--	**0.0574**	--	**1.13**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
pCi/g: picocuries per gram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: result above minimum detectable activity
Value: result below minimum detectable activity
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-17d. SOIL ANALYTICAL RESULTS, ECA C18
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Acetone	t-Amyl methyl ether	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene
			HSSL:	100,000,000	--	5,310	679,000	628,000	1,300	95,300	30,300	28,400,000	108,000	145,000	183,000	2,960	1,370,000	2,120,000	1,390	464,000	907,000	26,000,000	10,400,000
Phase A	SA-13	0.5 - 2	11/17/2006	**5.1 J**	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	12 UJ	<12	<5.8	5.8 UJ	5.8 UJ	<5.8	<5.8	5.8 UJ	<5.8	5.8 UJ	5.8 UJ	5.8 UJ	5.8 UJ
			11/17/2006 (FD)	**9.8 J**	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	11 UJ	11 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ
		10 - 11.5	11/17/2006	10 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	10 UJ	10 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ
Phase B	RSAP8	2 - 3.5	10/23/2009	1.8 UJ	<0.13	<0.53	<0.47	<0.47	<0.59	<0.48	<0.89	<0.87	<0.87	<0.75	<0.63	<0.52	<0.55	<0.55	<0.49	<0.65	<0.70	<0.62	<0.57
	RSAQ8	1.5 - 3	10/22/2009	**9.6 J**	<0.14	<0.57	0.50 UJ	<0.50	<0.63	0.52 UJ	<0.95	<0.93	0.93 UJ	0.80 UJ	0.67 UJ	<0.55	<0.59	<0.59	<0.53	<0.70	0.75 UJ	0.66 UJ	0.61 UJ
	SA-140	1.5 - 3	10/27/2009	<1.6	<0.12	<0.49	<0.44	<0.44	<0.54	<0.45	0.83 UJ	<0.81	<0.81	<0.69	<0.59	<0.48	<0.51	<0.51	**0.93 J**	<0.61	<0.65	<0.58	<0.53
Phase 1 RI	M-186D	0.5 - 1	12/08/2014	**36**	<0.99	<0.50	<0.99	<0.99	<0.50	<0.99	<0.99	<5.0	<0.99	<0.99	<0.99	<0.50	<0.50	<0.99	<0.50	<0.99	<0.99	<0.99	<0.50
			12/08/2014 (FD)	**36**	<0.99	<0.49	<0.99	<0.99	<0.49	<0.99	<0.99	<4.9	<0.99	<0.99	<0.99	<0.49	<0.49	<0.99	<0.49	<0.99	<0.99	<0.99	<0.49
		5 - 5.5	12/08/2014	<8.0	<1.0	<0.50	<1.0	<1.0	<0.50	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<0.50
		10 - 10.5	12/08/2014	<8.1	<1.0	<0.50	<1.0	<1.0	<0.50	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<0.50
	RISB-58	0.5 - 1	11/12/2014	8.3 UJ	<1.0	<0.52	<1.0	<1.0	<0.52	<1.0	<1.0	5.2 UJ	<1.0	<1.0	<1.0	<0.52	<0.52	<1.0	<0.52	<1.0	<1.0	<1.0	<0.52
		5 - 5.5	11/13/2014	<8.6	<1.1	<0.54	<1.1	<1.1	<0.54	<1.1	<1.1	<5.4	<1.1	<1.1	<1.1	<0.54	<0.54	<1.1	<0.54	<1.1	<1.1	<1.1	<0.54
			11/13/2014 (FD)	<8.6	<1.1	<0.54	<1.1	<1.1	<0.54	<1.1	<1.1	<5.4	<1.1	<1.1	<1.1	<0.54	<0.54	<1.1	<0.54	<1.1	<1.1	<1.1	<0.54
		10 - 10.5	11/13/2014	<8.2	<1.0	<0.51	<1.0	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<1.0	<1.0	<0.51	<0.51	<1.0	<0.51	<1.0	<1.0	<1.0	<0.51
	RISB-59	0.8 - 1.3	11/05/2014	<8.7	<1.1	<0.54	<1.1	<1.1	<0.54	<1.1	<1.1	<5.4	**1.2 J+**	<1.1	<1.1	<0.54	<0.54	<1.1	<0.54	<1.1	<1.1	<1.1	<0.54
		5 - 5.5	11/05/2014	<8.4	<1.1	<0.53	1.1 UJ	<1.1	0.53 UJ	<1.1	<1.1	<5.3	<1.1	<1.1	<1.1	0.53 UJ	<0.53	<1.1	<0.53	<1.1	1.1 UJ	1.1 UJ	<0.53
			11/05/2014 (FD)	**15 J**	<1.0	<0.50	<1.0	<1.0	<0.50	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<0.50
		10 - 10.5	11/05/2014	**34 J**	<1.1	<0.53	<1.1	<1.1	<0.53	<1.1	<1.1	<5.3	<1.1	<1.1	<1.1	<0.53	<0.53	<1.1	<0.53	<1.1	<1.1	<1.1	<0.53
	RISB-60	0.5 - 1	11/12/2014	8.3 UJ	<1.0	<0.52	<1.0	<1.0	<0.52	<1.0	<1.0	5.2 UJ	<1.0	<1.0	<1.0	<0.52	<0.52	<1.0	<0.52	<1.0	<1.0	<1.0	<0.52
		5 - 5.5	11/12/2014	8.6 UJ	<1.1	<0.54	<1.1	<1.1	<0.54	<1.1	<1.1	5.4 UJ	<1.1	<1.1	<1.1	<0.54	<0.54	<1.1	<0.54	<1.1	<1.1	<1.1	<0.54
		10 - 10.5	11/12/2014	<9.0	<1.1	**1.0 J**	<1.1	<1.1	<0.56	<1.1	<1.1	<5.6	<1.1	<1.1	<1.1	<0.56	<0.56	<1.1	<0.56	<1.1	<1.1	<1.1	<0.56
	RISB-61	0.8 - 1.3	11/05/2014	<8.4	<1.0	<0.52	<1.0	<1.0	<0.52	<1.0	<1.0	<5.2	<1.0	<1.0	<1.0	<0.52	<0.52	<1.0	<0.52	<1.0	<1.0	<1.0	<0.52
		5 - 5.5	11/06/2014	<8.4	<1.0	<0.52	<1.0	<1.0	<0.52	<1.0	<1.0	<5.2	<1.0	<1.0	<1.0	<0.52	<0.52	<1.0	<0.52	<1.0	<1.0	<1.0	<0.52
		10 - 10.5	11/06/2014	<8.4	<1.1	<0.53	<1.1	<1.1	<0.53	<1.1	<1.1	<5.3	<1.1	<1.1	<1.1	<0.53	<0.53	<1.1	<0.53	<1.1	<1.1	<1.1	<0.53
	RISB-62	0.8 - 1.3	11/11/2014	**17 J-**	<1.0	<0.50	<1.0	<1.0	<0.50	<1.0	<1.0	5.0 UJ	<1.0	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<0.50
		5 - 5.5	11/11/2014	8.1 UJ	<1.0	<0.51	<1.0	<1.0	<0.51	<1.0	<1.0	5.1 UJ	<1.0	<1.0	<1.0	<0.51	<0.51	<1.0	<0.51	<1.0	<1.0	<1.0	<0.51
		10 - 10.5	11/11/2014	**180 J-**	<1.1	<0.54	<1.1	<1.1	<0.54	<1.1	<1.1	**22 J-**	<1.1	<1.1	<1.1	<0.54	<0.54	<1.1	<0.54	<1.1	<1.1	<1.1	<0.54
	RISB-63	0.5 - 1	11/10/2014	<8.1	<1.0	<0.51	<1.0	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<1.0	<1.0	<0.51	<0.51	1.0 UJ	<0.51	<1.0	<1.0	<1.0	<0.51
		5 - 5.5	11/10/2014	<8.1	<1.0	<0.51	<1.0	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<1.0	<1.0	<0.51	<0.51	1.0 UJ	<0.51	<1.0	<1.0	<1.0	<0.51
		10 - 10.5	11/10/2014	<8.3	<1.0	<0.52	<1.0	<1.0	<0.52	<1.0	<1.0	<5.2	<1.0	<1.0	<1.0	<0.52	<0.52	1.0 UJ	<0.52	<1.0	<1.0	<1.0	<0.52

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-17d. SOIL ANALYTICAL RESULTS, ECA C18
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																			
				p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane	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
			HSSL:	147,000	64.9	43,300	168	98,900	376,000	373,000	11,500	368,000	15,800	2,100	20,000	400,000	304,000	11,700	26,000,000	--	--	--	--
Phase A	SA-13	0.5 - 2	11/17/2006	5.8 UJ	<12	<5.8	<5.8	<5.8	5.8 UJ	5.8 UJ	5.8 UJ	12 UJ	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8
			11/17/2006 (FD)	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ
		10 - 11.5	11/17/2006	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ
Phase B	RSAP8	2 - 3.5	10/23/2009	<0.73	<0.79	<0.38	<0.35	<0.38	<0.45	<0.60	<0.80	<0.60	<0.53	<0.40	<0.43	<0.36	<0.60	<0.45	<0.41	<0.38	<0.46	<0.39	<0.43
	RSAQ8	1.5 - 3	10/22/2009	0.78 UJ	0.85 UJ	<0.41	<0.37	<0.41	0.48 UJ	0.64 UJ	**1.3 J**	<0.64	<0.57	<0.43	<0.46	<0.38	<0.64	<0.48	<0.44	<0.41	<0.49	<0.42	<0.46
	SA-140	1.5 - 3	10/27/2009	<0.68	<0.73	<0.35	<0.32	<0.35	<0.42	<0.55	<0.74	<0.55	<0.49	<0.37	<0.40	<0.33	<0.55	<0.42	<0.38	<0.35	<0.43	<0.36	<0.40
Phase 1 RI	M-186D	0.5 - 1	12/08/2014	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.99 UJ	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.99	<0.50	<0.50	<0.50
			12/08/2014 (FD)	<0.49	<2.0	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	0.99 UJ	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.99	<0.49	<0.49	<0.49
		5 - 5.5	12/08/2014	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0 UJ	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50
		10 - 10.5	12/08/2014	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0 UJ	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50
	RISB-58	0.5 - 1	11/12/2014	<0.52	<2.1	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<1.0	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<1.0	<0.52	<0.52	<0.52
		5 - 5.5	11/13/2014	<0.54	<2.2	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	1.1 UJ	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<1.1	<0.54	<0.54	<0.54
			11/13/2014 (FD)	<0.54	<2.2	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<1.1	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<1.1	<0.54	<0.54	<0.54
		10 - 10.5	11/13/2014	<0.51	<2.0	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	1.0 UJ	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<1.0	<0.51	<0.51	<0.51
	RISB-59	0.8 - 1.3	11/05/2014	**0.77 J**	<2.2	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<1.1	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<1.1	<0.54	<0.54	<0.54
		5 - 5.5	11/05/2014	<0.53	<2.1	0.53 UJ	<0.53	<0.53	<0.53	<0.53	<0.53	<1.1	<0.53	<0.53	<0.53	<0.53	0.53 UJ	0.53 UJ	<0.53	<1.1	0.53 UJ	<0.53	<0.53
			11/05/2014 (FD)	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50
		10 - 10.5	11/05/2014	<0.53	<2.1	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<1.1	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<1.1	<0.53	<0.53	<0.53
	RISB-60	0.5 - 1	11/12/2014	<0.52	<2.1	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<1.0	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<1.0	<0.52	<0.52	<0.52
		5 - 5.5	11/12/2014	<0.54	<2.1	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<1.1	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<1.1	<0.54	<0.54	<0.54
		10 - 10.5	11/12/2014	<0.56	<2.2	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	1.1 UJ	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<1.1	<0.56	<0.56	<0.56
	RISB-61	0.8 - 1.3	11/05/2014	<0.52	<2.1	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<1.0	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<1.0	<0.52	<0.52	<0.52
		5 - 5.5	11/06/2014	<0.52	<2.1	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<1.0	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<1.0	<0.52	<0.52	<0.52
		10 - 10.5	11/06/2014	<0.53	<2.1	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<1.1	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<1.1	<0.53	<0.53	<0.53
	RISB-62	0.8 - 1.3	11/11/2014	<0.50	<2.0	**0.90 J+**	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50
		5 - 5.5	11/11/2014	<0.51	<2.0	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<1.0	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<1.0	<0.51	<0.51	<0.51
		10 - 10.5	11/11/2014	<0.54	<2.2	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<1.1	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<1.1	<0.54	<0.54	<0.54
	RISB-63	0.5 - 1	11/10/2014	<0.51	<2.0	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	1.0 UJ	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<1.0	<0.51	<0.51	<0.51
		5 - 5.5	11/10/2014	<0.51	<2.0	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	1.0 UJ	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<1.0	<0.51	<0.51	<0.51
		10 - 10.5	11/10/2014	<0.52	<2.1	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	1.0 UJ	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<1.0	<0.52	<0.52	<0.52

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-17d. SOIL ANALYTICAL RESULTS, ECA C18
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Diisopropyl ether	Ethyl benzene	Ethyl tert-butyl ether	Hexachlorobutadiene	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	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
			HSSL:	2,260,000	26,600	560,000	5,610	1,490,000	217,000	1,130,000	11,300	3,360,000	264,000	867,000	9,070	2,910	107,000	818,000	151,000	125,000	640,000	5,280	6,310
Phase A	SA-13	0.5 - 2	11/17/2006	<5.8	<5.8	<5.8	5.8 UJ	12 UJ	<5.8	<5.8	<5.8	<12	5.8 UJ	<5.8	<5.8	<5.8	<5.8	<5.8	5.8 UJ	5.8 UJ	<5.8	<5.8	<5.8
			11/17/2006 (FD)	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	11 UJ	5.5 UJ	5.5 UJ	5.5 UJ	11 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	**0.28 J**	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ
		10 - 11.5	11/17/2006	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	10 UJ	5.2 UJ	5.2 UJ	5.2 UJ	10 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	**0.28 J**	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ
Phase B	RSAP8	2 - 3.5	10/23/2009	<0.28	<1.1	<0.28	<0.86	<0.81	<0.36	<0.44	<1.1	<0.75	<0.59	<0.52	<0.32	<0.46	<0.56	<0.37	<0.82	<1.1	<0.24	<0.67	<0.46
	RSAQ8	1.5 - 3	10/22/2009	<0.30	<1.1	<0.30	0.92 UJ	<0.87	<0.38	<0.47	**1.4 J**	<0.80	0.63 UJ	<0.55	<0.35	0.49 UJ	<0.60	**0.44 J**	0.88 UJ	1.1 UJ	<0.26	<0.71	<0.49
	SA-140	1.5 - 3	10/27/2009	<0.26	<0.93	<0.26	0.80 UJ	<0.75	<0.33	**0.68 J**	0.97 UJ	<0.69	<0.54	<0.48	<0.30	<0.43	<0.52	<0.34	0.76 UJ	0.94 UJ	<0.23	<0.62	<0.43
Phase 1 RI	M-186D	0.5 - 1	12/08/2014	<0.99	<0.50	<0.99	<0.99	<5.0	<0.99	<5.0	<0.99	<2.5	<0.50	<0.50	<0.99	<0.99	<0.50	<0.50	<0.99	<0.99	<0.50	<0.50	<0.50
			12/08/2014 (FD)	<0.99	<0.49	<0.99	<0.99	<4.9	<0.99	<4.9	<0.99	<2.5	<0.49	<0.49	<0.99	<0.99	<0.49	<0.49	<0.99	<0.99	<0.49	<0.49	<0.49
		5 - 5.5	12/08/2014	<1.0	<0.50	<1.0	<1.0	<5.0	<1.0	<5.0	<1.0	<2.5	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50
		10 - 10.5	12/08/2014	<1.0	<0.50	<1.0	<1.0	<5.0	<1.0	<5.0	<1.0	<2.5	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50
	RISB-58	0.5 - 1	11/12/2014	<1.0	<0.52	<1.0	<1.0	<5.2	<1.0	<5.2	<1.0	<2.6	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<0.52
		5 - 5.5	11/13/2014	<1.1	<0.54	<1.1	<1.1	<5.4	<1.1	<5.4	<1.1	<2.7	<0.54	<0.54	<1.1	<1.1	<0.54	<0.54	<1.1	<1.1	<0.54	<0.54	<0.54
			11/13/2014 (FD)	<1.1	<0.54	<1.1	<1.1	<5.4	<1.1	<5.4	<1.1	<2.7	<0.54	<0.54	<1.1	<1.1	<0.54	<0.54	<1.1	<1.1	<0.54	<0.54	<0.54
		10 - 10.5	11/13/2014	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<5.1	<1.0	<2.6	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<0.51
	RISB-59	0.8 - 1.3	11/05/2014	<1.1	<0.54	<1.1	<1.1	<5.4	<1.1	<5.4	<1.1	<2.7	**0.78 J+**	<0.54	<1.1	<1.1	<0.54	<0.54	<1.1	<1.1	<0.54	<0.54	<0.54
		5 - 5.5	11/05/2014	<1.1	<0.53	<1.1	<1.1	5.3 UJ	<1.1	<5.3	1.1 UJ	<2.6	<0.53	0.53 UJ	1.1 UJ	<1.1	<0.53	<0.53	<1.1	<1.1	<0.53	0.53 UJ	<0.53
			11/05/2014 (FD)	<1.0	<0.50	<1.0	<1.0	<5.0	<1.0	<5.0	<1.0	<2.5	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50
		10 - 10.5	11/05/2014	<1.1	<0.53	<1.1	<1.1	<5.3	<1.1	<5.3	<1.1	<2.7	<0.53	<0.53	<1.1	<1.1	<0.53	<0.53	<1.1	<1.1	<0.53	<0.53	<0.53
	RISB-60	0.5 - 1	11/12/2014	<1.0	<0.52	<1.0	<1.0	<5.2	<1.0	<5.2	<1.0	<2.6	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<0.52
		5 - 5.5	11/12/2014	<1.1	<0.54	<1.1	<1.1	<5.4	<1.1	<5.4	<1.1	<2.7	<0.54	<0.54	<1.1	<1.1	<0.54	<0.54	<1.1	<1.1	<0.54	<0.54	<0.54
		10 - 10.5	11/12/2014	<1.1	<0.56	<1.1	<1.1	<5.6	<1.1	<5.6	**2.6**	<2.8	<0.56	<0.56	<1.1	<1.1	<0.56	<0.56	<1.1	<1.1	<0.56	<0.56	<0.56
	RISB-61	0.8 - 1.3	11/05/2014	<1.0	<0.52	<1.0	<1.0	<5.2	<1.0	<5.2	<1.0	<2.6	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<0.52
		5 - 5.5	11/06/2014	<1.0	<0.52	<1.0	<1.0	<5.2	<1.0	<5.2	<1.0	<2.6	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<0.52
		10 - 10.5	11/06/2014	<1.1	<0.53	<1.1	<1.1	<5.3	<1.1	<5.3	<1.1	<2.6	<0.53	<0.53	<1.1	<1.1	<0.53	<0.53	<1.1	<1.1	<0.53	<0.53	<0.53
	RISB-62	0.8 - 1.3	11/11/2014	<1.0	<0.50	<1.0	<1.0	<5.0	<1.0	<5.0	<1.0	<2.5	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50
		5 - 5.5	11/11/2014	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<5.1	<1.0	<2.5	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<0.51
		10 - 10.5	11/11/2014	<1.1	<0.54	<1.1	<1.1	<5.4	<1.1	<5.4	<1.1	<2.7	<0.54	<0.54	<1.1	<1.1	<0.54	<0.54	<1.1	<1.1	<0.54	<0.54	<0.54
	RISB-63	0.5 - 1	11/10/2014	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<5.1	<1.0	<2.5	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<0.51
		5 - 5.5	11/10/2014	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<5.1	<1.0	<2.5	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<0.51
		10 - 10.5	11/10/2014	<1.0	<0.52	<1.0	<1.0	<5.2	<1.0	<5.2	<1.0	<2.6	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<0.52

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-17d. SOIL ANALYTICAL RESULTS, ECA C18
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)								
				Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	Xylenes (total)	tert Butyl alcohol
			HSSL:	1,230,000	121	219,000	182,000	1,870	--	434,000	260,000	7,270,000
Phase A	SA-13	0.5 - 2	11/17/2006	5.8 UJ	<5.8	<5.8	5.8 UJ	<5.8	--	--	<12	5.8 UJ
			11/17/2006 (FD)	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	5.5 UJ	--	--	11 UJ	5.5 UJ
		10 - 11.5	11/17/2006	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.2 UJ	--	--	10 UJ	5.2 UJ
Phase B	RSAP8	2 - 3.5	10/23/2009	<0.38	<0.61	<0.71	<0.60	<0.54	<1.1	<0.72	--	<8.0
	RSAQ8	1.5 - 3	10/22/2009	<0.41	0.65 UJ	0.76 UJ	0.64 UJ	<0.58	<1.2	<0.77	--	<8.6
	SA-140	1.5 - 3	10/27/2009	<0.35	<0.56	<0.66	<0.55	<0.50	<0.99	<0.67	--	<7.4
Phase 1 RI	M-186D	0.5 - 1	12/08/2014	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.50	--	<9.9
			12/08/2014 (FD)	<0.99	<0.99	<0.99	<0.99	<0.99	**1.5 J**	<0.49	--	<9.9
		5 - 5.5	12/08/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	--	<10
		10 - 10.5	12/08/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	--	<10
	RISB-58	0.5 - 1	11/12/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.52	--	<10
		5 - 5.5	11/13/2014	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.54	--	<11
			11/13/2014 (FD)	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.54	--	<11
		10 - 10.5	11/13/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.51	--	<10
	RISB-59	0.8 - 1.3	11/05/2014	<1.1	<1.1	**1.7 J+**	<1.1	<1.1	<1.1	<0.54	--	<11
		5 - 5.5	11/05/2014	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	0.53 UJ	--	<11
			11/05/2014 (FD)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	--	<10
		10 - 10.5	11/05/2014	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.53	--	<11
	RISB-60	0.5 - 1	11/12/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.52	--	<10
		5 - 5.5	11/12/2014	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.54	--	<11
		10 - 10.5	11/12/2014	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.56	--	<11
	RISB-61	0.8 - 1.3	11/05/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.52	--	<10
		5 - 5.5	11/06/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.52	--	<10
		10 - 10.5	11/06/2014	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.53	--	<11
	RISB-62	0.8 - 1.3	11/11/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	--	<10
		5 - 5.5	11/11/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.51	--	<10
		10 - 10.5	11/11/2014	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.54	--	<11
	RISB-63	0.5 - 1	11/10/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.51	--	<10
		5 - 5.5	11/10/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.51	--	<10
		10 - 10.5	11/10/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.52	--	<10

Notes:

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Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-17e. SOIL ANALYTICAL RESULTS, ECA C18
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Acenaphthene	Acenaphthylene	Aniline	Anthracene	Benzidine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	Benzyl alcohol	4-Bromophenyl-phenyl ether	Butylbenzylphthalate	4-Chloroaniline	2-Chloronaphthalene	2-Chlorophenol	4-Chlorophenyl-phenyl ether	Chrysene	Di-n-butylphthalate
			HSSL:	118,000	44,000	619,000	4,260	15.3	9,980	3,500	35,000	25,100,000	350,000	100,000,000	91,200,000	--	1,860,000	17,600	175,000	6,490,000	--	3,500,000	91,200,000
Phase A	SA-13	0.5 - 2	11/17/2006	<380	<380	--	<380	--	<380	<380	<380	<380	<380	--	--	--	<380	--	--	--	--	<380	<380
			11/17/2006 (FD)	<370	<370	--	<370	--	<370	<370	<370	<370	<370	--	--	--	<370	--	--	--	--	<370	<370
		10 - 11.5	11/17/2006	<340	<340	--	<340	--	<340	<340	<340	<340	<340	--	--	--	<340	--	--	--	--	<340	<340
Phase B	RSAP8	2 - 3.5	10/23/2009	<1.1	<0.78	--	<1.3	--	<0.60	<0.71	<1.2	<1.3	<0.87	--	--	--	<2.5	--	--	--	--	<1.1	**44 J**
	RSAQ8	1.5 - 3	10/22/2009	<11	<7.7	--	<13	--	**14 J**	**32 J**	**28 J**	<13	<8.7	--	--	--	<25	--	--	--	--	**78**	<350
Phase 1 RI	M-186D	0.5 - 1	12/08/2014	<70	<73	<89	<83	<690	<73	<70	<73	<110	<73	<350	<160	<78	<83	<140	<70	<73	<89	<78	<94
			12/08/2014 (FD)	<69	<72	<88	<83	<680	<72	<69	<72	<110	<72	<350	<150	<77	<83	<140	<69	<72	<88	<77	<93
		5 - 5.5	12/08/2014	<71	<74	<90	<84	<700	<74	<71	<74	<120	<74	<360	<160	<79	<84	<140	<71	<74	<90	<79	<95

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

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Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-17e. SOIL ANALYTICAL RESULTS, ECA C18
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Di-n-octylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	3,3'-Dichlorobenzidine	2,4-Dichlorophenol	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,4-Dioxane	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	1-Methylnaphthalene
			HSSL:	9,120,000	3,500	171,000	7,840	2,740,000	100,000,000	18,200,000	100,000,000	1,820,000	11,400	2,350	27,200	33,500,000	93,100	231	7,460	8,470	35,000	3,710,000	770
Phase A	SA-13	0.5 - 2	11/17/2006	<380	<380	--	--	--	<380	--	<380	--	--	--	<77	<380	<380	<380	--	--	380 UJ	--	--
			11/17/2006 (FD)	<370	<370	--	--	--	<370	--	<370	--	--	--	<73	<370	<370	<370	--	--	370 UJ	--	--
		10 - 11.5	11/17/2006	<340	<340	--	--	--	<340	--	<340	--	--	--	<340	<340	<340	<340	--	--	340 UJ	--	--
Phase B	RSAP8	2 - 3.5	10/23/2009	<1.2	<0.81	--	--	--	<130	--	<0.93	--	--	--	<5.2	<1.5	<0.73	<0.88	--	--	<0.93	--	--
	RSAQ8	1.5 - 3	10/22/2009	<12	<8.0	--	--	--	<1,300	--	<9.3	--	--	--	<52	**85**	<7.2	**64 J**	--	--	<9.3	--	--
Phase 1 RI	M-186D	0.5 - 1	12/08/2014	<94	<100	<70	<160	<70	<99	<140	<70	<340	<83	<99	--	<73	<73	<73	<140	<140	<140	<70	<160
			12/08/2014 (FD)	<93	<100	<69	<150	<69	<98	<130	<69	<340	<83	<98	--	<72	<72	<72	<140	<140	<130	<69	<150
		5 - 5.5	12/08/2014	<95	<110	<71	<160	<71	<100	<140	<71	<350	<84	<100	--	<74	<74	<74	<140	<140	<140	<71	<160

Notes:
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ft bgs: feet below ground surface
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J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-17e. SOIL ANALYTICAL RESULTS, ECA C18
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																			
				2-Methylnaphthalene	2-Methylphenol	3&4-Methylphenol	Naphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Nitrobenzene	2-Nitrophenol	4-Nitrophenol	n-Nitrosodiphenylamine	Octachlorostyrene	Pentachlorophenol	Phenanthrene	Phenol	Phthalic acid	Pyrene	Pyridine	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol
			HSSL:	368,000	45,600,000	16,000,000	11,300	8,840,000	--	176,000	22,500	--	7,290,000	720,000	--	8,450	24,500	100,000,000	100,000,000	44,000	1,300,000	91,200,000	321,000
Phase A	SA-13	0.5 - 2	11/17/2006	<380	--	--	<380	--	--	--	<380	--	--	--	<380	--	<380	--	--	<380	<1,900	--	--
			11/17/2006 (FD)	<370	--	--	<370	--	--	--	<370	--	--	--	<370	--	<370	--	--	<370	<1,800	--	--
		10 - 11.5	11/17/2006	<340	--	--	<340	--	--	--	<340	--	--	--	<340	--	<340	--	--	<340	<1,700	--	--
Phase B	RSAP8	2 - 3.5	10/23/2009	<0.59	--	--	<0.89	--	--	--	<1.9	--	--	--	<3.7	--	<1.9	--	--	<1.1	<28	--	--
	RSAQ8	1.5 - 3	10/22/2009	<5.9	--	--	<8.8	--	--	--	<19	--	--	--	<37	--	**96**	--	--	**46 J**	<280	--	--
Phase 1 RI	M-186D	0.5 - 1	12/08/2014	<73	<83	<140	<70	<70	<140	<140	<73	<140	<150	<83	<2,400	<350	<70	<94	<1,300	<83	<160	<140	<78
			12/08/2014 (FD)	<72	<83	<140	<69	<69	<140	<140	<72	<140	<140	<83	<2,400	<350	<69	<93	<1,300	<83	<150	<130	<77
		5 - 5.5	12/08/2014	<74	<84	<140	<71	<71	<140	<140	<74	<140	<150	<84	<2,400	<360	<71	<95	<1,300	<84	<160	<140	<79

Notes:
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J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-17e. SOIL ANALYTICAL RESULTS, ECA C18
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)				
				bis(2-Chloroethoxy) methane	bis(2-Chloroethyl) ether	bis(2-Ethylhexyl)phthalate	4-Chloro-3-methylphenol	n-Nitroso-di-n-propylamine
			HSSL:	2,740,000	1,150	252,000	91,200,000	504
Phase A	SA-13	0.5 - 2	11/17/2006	--	--	<380	--	--
			11/17/2006 (FD)	--	--	<370	--	--
		10 - 11.5	11/17/2006	--	--	<340	--	--
Phase B	RSAP8	2 - 3.5	10/23/2009	--	--	<140	--	--
	RSAQ8	1.5 - 3	10/22/2009	--	--	<1,400	--	--
Phase 1 RI	M-186D	0.5 - 1	12/08/2014	<140	<73	<94	<73	<73
			12/08/2014 (FD)	<140	<72	<93	<72	<72
		5 - 5.5	12/08/2014	<140	<74	<95	<74	<74

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-17f. SOIL ANALYTICAL RESULTS, ECA C18
PAHs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PAHs (µg/kg)																	
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Hexachlorobenzene	Indeno(1,2,3-cd)pyrene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
			HSSL:	118,000	44,000	4,260	9,980	3,500	35,000	25,100,000	350,000	3,500,000	3,500	33,500,000	93,100	231	35,000	368,000	11,300	24,500	44,000
Phase A	SA-13	0.5 - 2	11/17/2006	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7
			11/17/2006 (FD)	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3
Phase 1 RI	M-186D	0.5 - 1	12/08/2014	<4.2	<4.2	<4.2	**9.6 J**	<4.2	**17 J**	**5.4 J**	**5.7 J**	**21 J**	<4.2	**33**	<4.2	--	**5.1 J**	--	<4.2	**24 J**	**15 J**
			12/08/2014 (FD)	<4.2	<4.2	<4.2	**11 J**	**10 J**	**28 J**	**10 J**	**9.0 J**	**27 J**	<4.2	**36**	<4.2	--	**9.7 J**	--	<4.2	**24 J**	**17 J**
		5 - 5.5	12/08/2014	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	**5.6 J**	<4.2	**8.2 J**	<4.2	--	<4.2	--	<4.2	**5.3 J**	**4.5 J**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-17g. SOIL ANALYTICAL RESULTS, ECA C18
PCBs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PCBs (µg/kg)						
				Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260
			HSSL:	45,200	1,280	1,060	1,550	1,560	1,600	1,650
Phase A	SA-13	0.5 - 2	11/17/2006	<38	<38	<38	<38	<38	<38	<38
			11/17/2006 (FD)	<37	<37	<37	<37	<37	<37	<37
		10 - 11.5	11/17/2006	<34	<34	<34	<34	<34	<34	<34
Phase 1 RI	M-186D	0.5 - 1	12/08/2014	--	--	--	--	--	--	<18
			12/08/2014 (FD)	--	--	--	--	--	--	<18
		5 - 5.5	12/08/2014	--	--	--	--	--	--	<18

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-17h. SOIL ANALYTICAL RESULTS, ECA C18
Dioxins/Furans (pg/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Dioxins/Furans (pg/g)																	
				TCDD	PeCDD	1,4-HxCDD	1,6-HxCDD	1,9-HxCDD	1,4,6-HpCDD	OCDD	TCDF	1-PeCDF	4-PeCDF	1,4-HxCDF	1,6-HxCDF	1,9-HxCDF	4,6-HxCDF	1,4,6-HpCDF	1,4,9-HpCDF	OCDF	Total Dioxin/Furan TEQ (Calculated)
			HSSL:	26.7	--	--	--	581	--	--	--	--	--	--	--	--	--	--	--	--	2,700
Phase B	RSAP8	2 - 3.5	10/23/2009	<0.52	<2.6	<2.6	<2.6	<2.6	<2.6	**1.8 J**	**0.38 JK**	**0.35 J**	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	**2.1 JK**	--
	RSAQ8	1.5 - 3	10/22/2009	**1.7**	**5.0**	**3.8**	**7.5**	**8.0**	**34**	**280**	**45**	**73**	**39**	**140**	**92**	**16**	**20**	**380**	**120**	**970**	--
	SA-140	1.5 - 3	10/27/2009	**0.63**	**2.0 J**	**1.2 JK**	**2.7**	**2.6 J**	**13**	**25 J**	**15**	**27**	**14**	**49**	**34**	**6.2**	**8.8**	**130**	**48**	**330**	--
Phase 1 RI	M-186D	0.5 - 1	12/08/2014	**0.53 J**	**1.4 J**	**0.91 J**	**2.6 J**	**2.7 J**	**17**	**100 J**	**14**	**19**	**9.2**	**46**	**26**	**2.8 J**	**5.6**	**120**	**37**	**700 J**	**17**
			12/08/2014 (FD)	<0.19	**2.0 J**	**1.3 J**	**3.2 J**	**3.2 J**	**23**	**200 J**	**18**	**25**	**12**	**55**	**32**	<2.8	**7.2 J**	**150**	**49**	**6,500 J**	**23**
		5 - 5.5	12/08/2014	**0.15 J**	**0.32 J**	**0.082 J**	**0.51 J**	**0.41 J**	**3.3 J**	**19**	**2.5**	**3.1 J**	**1.6 J**	**7.4**	**4.0 J**	<0.33	**0.86 J**	**17**	**6.4 J**	**85**	**2.9**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pg/g: picograms per gram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-17i. SOIL ANALYTICAL RESULTS, ECA C18
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)																		
				Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	Chlordane (total)	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	2,4'-DDE	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor
			HSSL:	205	274,000	54,700	333,000	11,100	--	500,000	500,000	14,700	--	10,300	10,600	220	--	--	4,900,000	274,000	--	--	696
Phase A	SA-13	0.5 - 2	11/17/2006	<2.0	<2.0	<2.0	<2.0	<2.0	<12	<2.0	<2.0	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
			11/17/2006 (FD)	<1.9	<1.9	<1.9	<1.9	<1.9	<11	<1.9	<1.9	<1.9	--	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Phase B	RSAP8	2 - 3.5	10/23/2009	<0.91	<0.91	<0.91	<0.91	<0.91	<4.5	<0.91	<0.91	<1.8	--	<1.8	<1.8	<1.8	<0.91	<1.8	<1.8	<1.8	1.8 UJ	<1.8	<0.91
	RSAQ8	1.5 - 3	10/22/2009	<9.0	<9.0	**9.5 J**	<9.0	<9.0	<45	<9.0	<9.0	<18	--	<18	<18	<18	<9.0	<18	<18	<18	<18	<18	<9.0
	SA-140	1.5 - 3	10/27/2009	0.94 UJ	0.94 UJ	0.94 UJ	0.94 UJ	0.94 UJ	4.7 UJ	0.94 UJ	0.94 UJ	1.9 UJ	--	**2.0 J-**	**2.1 J-**	1.9 UJ	0.94 UJ	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ	0.94 UJ
Phase 1 RI	M-186D	0.5 - 1	12/08/2014	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.1	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<2.1	<1.6	<1.6	<2.1	<2.1
			12/08/2014 (FD)	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.1	<1.6	<1.6	<1.6	**2.2 J**	**1.7 J**	<1.6	<1.6	<1.6	<2.1	<1.6	<1.6	<2.1	<2.1
		5 - 5.5	12/08/2014	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.1	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<2.1	<1.6	<1.6	<2.1	<2.1

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-17i. SOIL ANALYTICAL RESULTS, ECA C18
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)			
				Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Toxaphene
			HSSL:	366	231	4,560,000	3,210
Phase A	SA-13	0.5 - 2	11/17/2006	<2.0	--	<3.8	<58
			11/17/2006 (FD)	<1.9	--	**7.6**	<55
Phase B	RSAP8	2 - 3.5	10/23/2009	<0.91	**1.0 J-**	<9.0	<18
	RSAQ8	1.5 - 3	10/22/2009	<9.0	**97**	<90	<180
	SA-140	1.5 - 3	10/27/2009	0.94 UJ	**5.8 J-**	9.3 UJ	19 UJ
Phase 1 RI	M-186D	0.5 - 1	12/08/2014	<2.1	--	<1.6	<52
			12/08/2014 (FD)	<2.1	--	<1.6	<52
		5 - 5.5	12/08/2014	<2.1	--	<1.6	<53

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-17j. SOIL ANALYTICAL RESULTS, ECA C18
Pesticides - OPPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OPPs (µg/kg)																			
				Atrazine	Chlorpyrifos	Coumaphos	Dasanit	Demeton (O + S)	Demeton-O	Demeton-S	Diazinon	Dichlorovos	Dimethoate	Disulfoton	EPN	Ethoprop	Famphur	Fenthion	Guthion	Malathion	Merphos	Methyl parathion	Mevinphos
			HSSL:	15,300	912,000	--	--	36,500	--	--	638,000	12,200	2,010,000	36,500	9,120	--	--	--	2,740,000	18,200,000	1,030	228,000	--
Phase A	SA-13	0.5 - 2	11/17/2006	--	23 UJ	15 UJ	15 UJ	--	45 UJ	17 UJ	26 UJ	27 UJ	26 UJ	56 UJ	15 UJ	17 UJ	15 UJ	38 UJ	15 UJ	17 UJ	35 UJ	23 UJ	17 UJ
			11/17/2006 (FD)	--	<22	14 UJ	<14	--	<43	<17	<24	<25	<24	<53	<14	<17	<14	<37	<14	<17	<33	<22	<17
Phase 1 RI	M-186D	0.5 - 1	12/08/2014	<13	<6.7	<2.9	<8.5	<7.8	<5.5	<5.1	<7.6	<7.7	<7.4	<8.1	<3.8	<5.1	<3.4	<9.1	<3.7	<4.8	<5.4	<6.6	<4.8
			12/08/2014 (FD)	<12	<6.6	<2.9	<8.4	<7.7	<5.4	<5.0	<7.5	<7.6	<7.3	<7.9	<3.8	<5.1	<3.3	<9.0	<3.6	<4.8	<5.3	<6.5	<4.7
		5 - 5.5	12/08/2014	<12	<6.5	<2.8	<8.2	<7.5	<5.3	<4.9	<7.3	<7.4	<7.1	<7.7	<3.7	<4.9	<3.2	<8.7	<3.5	<4.6	<5.1	<6.4	<4.6

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-17j. SOIL ANALYTICAL RESULTS, ECA C18
Pesticides - OPPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OPPs (µg/kg)										
				Naled	Parathion	Phorate	Prothiophos	Ronnel	Simazine	Stirophos	Sulfotepp	Sulprofos	Thionazin	Trichloronate
			HSSL:	1,290	5,470,000	182,000	--	26,800	29,400	147,000	456,000	--	--	--
Phase A	SA-13	0.5 - 2	11/17/2006	38 UJ	21 UJ	23 UJ	23 UJ	21 UJ	--	17 UJ	23 UJ	15 UJ	21 UJ	23 UJ
			11/17/2006 (FD)	37 UJ	<20	<22	22 UJ	<20	--	<17	<22	<14	<20	<22
Phase 1 RI	M-186D	0.5 - 1	12/08/2014	<24	<5.5	<5.9	<4.1	<16	<23	<4.5	<6.5	<4.4	<5.8	<6.5
			12/08/2014 (FD)	<23	<5.4	<5.8	<4.0	<16	<23	<4.5	<6.4	<4.3	<5.7	<6.4
		5 - 5.5	12/08/2014	<23	<5.3	<5.7	<3.9	<15	<22	<4.4	<6.3	<4.2	<5.6	<6.3

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-17k. SOIL ANALYTICAL RESULTS, ECA C18
Petroleum Indicators (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Petroleum Indicators (mg/kg)					
				Gasoline Range Organics	Diesel Range Organics	Petroleum Hydrocarbons	Diesel Range Organics	Petroleum Hydrocarbons	Extractable Fuel Hydrocarbons
			HSSL:	--	--	--	--	--	--
Phase B	RSAP8	2 - 3.5	10/23/2009	--	<43	<43	<43	<43	--
	RSAQ8	1.5 - 3	10/22/2009	--	**170**	**390**	**170**	**390**	--
Phase 1 RI	M-186D	0.5 - 1	12/08/2014	<0.16	**9.1**	<2.6	**9.1**	<2.6	**26**
			12/08/2014 (FD)	<0.15	**9.5**	**5.0 J**	**9.5**	**5.0 J**	**29**
		5 - 5.5	12/08/2014	<0.15	**11**	<2.6	**11**	<2.6	**23**
	RISB-58	0.5 - 1	11/12/2014	<0.16	**110**	**320**	**110**	**320**	**430**
		5 - 5.5	11/13/2014	<0.16	<2.7	<2.7	<2.7	<2.7	**8.3 J**
			11/13/2014 (FD)	<0.15	**22**	**51**	**22**	**51**	**75 J**
		10 - 10.5	11/13/2014	<0.16	**6.6**	<2.7	**6.6**	<2.7	**19**
	RISB-59	0.8 - 1.3	11/05/2014	<0.15	**58**	**800**	**58**	**800**	**1,000**
		5 - 5.5	11/05/2014	<0.16	**11**	**6.8**	**11**	**6.8**	**28 J**
			11/05/2014 (FD)	<0.16	<2.6	<2.6	<2.6	<2.6	**5.3 J**
		10 - 10.5	11/05/2014	<0.16	<2.7	<2.7	<2.7	<2.7	**2.7 J**
	RISB-60	0.5 - 1	11/12/2014	<0.18	**28**	**47**	**28**	**47**	**120**
		5 - 5.5	11/12/2014	<0.17	<7.8	<7.8	<7.8	<7.8	**15 J**
		10 - 10.5	11/12/2014	<0.18	<7.8	<7.8	<7.8	<7.8	**24**
	RISB-61	0.8 - 1.3	11/05/2014	<0.15	**20**	**45**	**20**	**45**	**66**
		5 - 5.5	11/06/2014	<0.15	**12**	**20**	**12**	**20**	**33**
		10 - 10.5	11/06/2014	<0.16	**100**	**140**	**100**	**140**	**250**
	RISB-62	0.8 - 1.3	11/11/2014	<0.15	**8.5**	**11**	**8.5**	**11**	**36**
		5 - 5.5	11/11/2014	<0.15	<2.6	<2.6	<2.6	<2.6	**7.7**
		10 - 10.5	11/11/2014	<0.15	**2.9 J**	<2.6	**2.9 J**	<2.6	**4.6 J**
	RISB-63	0.5 - 1	11/10/2014	<0.15	**230**	**480**	**230**	**480**	**720**
		5 - 5.5	11/10/2014	<0.15	<2.7	<2.7	<2.7	<2.7	**5.8**
		10 - 10.5	11/10/2014	<0.15	**89**	**120**	**89**	**120**	**210**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-17m. SOIL ANALYTICAL RESULTS, ECA C18
Asbestos (s/samp)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Asbestos (s/samp)								
				Long Amphibole Protocol Structures Count	Long Asbestos Protocol Structures Count	Long Chrysotile Protocol Structures Count	Short Amphibole Structures Counts	Short Asbestos Structures Counts	Short Chrysotile Structures Counts	Total Amphibole Protocol Structures Count	Total Asbestos Protocol Structures Count	Total Chrysotile Protocol Structures Count
			HSSL:	0	--	5	--	--	--	--	--	--
Phase B	RSAP8	1.5	8/25/2009	0	0	0	0	0	0	0	0	0
	RSAQ8	1	8/25/2009	0	0	0	0	0	0	0	0	0
			8/25/2009 (FD)	0	0	0	0	0	0	0	0	0
Pre-Excavation	SSAO8-02	0.3 - 0.5	4/14/2010	0	0	0	0	0	0	0	0	0
	SSAP7-02	0	5/18/2010	0	0	0	0	0	0	0	0	0
	SSAP8-01	0.5	5/12/2010	0	0	0	0	0	0	0	0	0
			5/12/2010 (FD)	0	0	0	0	0	0	0	0	0
	SSAP8-02	4 - 4.5	10/28/2010	0	0	0	0	0	0	0	0	0

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-18a. SOIL ANALYTICAL RESULTS, ECA D1
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemist
				Perchlorate
			HSSL:	908
2011 Removal Action	EE-D02-1	0	5/17/2011	**222**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-18b. SOIL ANALYTICAL RESULTS, ECA D1
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals
				Arsenic
			HSSL:	7.2
2011 Removal Action	EE-D02-1	0	5/17/2011	**39.2**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-18e. SOIL ANALYTICAL RESULTS, ECA D1
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)
				Hexachlorobenzene
			HSSL:	231
2011 Removal Action	EE-D02-1	0	5/17/2011	**2,700**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-18h. SOIL ANALYTICAL RESULTS, ECA D1
Dioxins/Furans (pg/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Dioxins/Furans (pg/g)																
				TCDD	PeCDD	1,4-HxCDD	1,6-HxCDD	1,9-HxCDD	1,4,6-HpCDD	OCDD	TCDF	1-PeCDF	4-PeCDF	1,4-HxCDF	1,6-HxCDF	1,9-HxCDF	4,6-HxCDF	1,4,6-HpCDF	1,4,9-HpCDF	OCDF
			HSSL:	26.7	--	--	--	581	--	--	--	--	--	--	--	--	--	--	--	--
2011 Removal Action	EE-D02-1	0	5/17/2011	<110	**590 JK**	**240 J**	**500 J**	**400 J**	**1,400 J**	**2,200 J**	**4,200**	**3,500 J**	**1,900 J**	**4,800 J**	**4,800 J**	**790 J**	**1,100 J**	**18,000**	**7,800**	**46,000**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pg/g: picograms per gram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-19h. SOIL ANALYTICAL RESULTS, ECA D2
Dioxins/Furans (pg/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Dioxins/Furans (pg/g)																	
				TCDD	PeCDD	1,4-HxCDD	1,6-HxCDD	1,9-HxCDD	1,4,6-HpCDD	OCDD	TCDF	1-PeCDF	4-PeCDF	1,4-HxCDF	1,6-HxCDF	1,9-HxCDF	4,6-HxCDF	1,4,6-HpCDF	1,4,9-HpCDF	OCDF	Total Dioxin/Furan TEQ (Calculated)
			HSSL:	26.7	--	--	--	581	--	--	--	--	--	--	--	--	--	--	--	--	2,700
Pre-Excavation	SSAL3-05	0.5 - 1.5	5/04/2010	<0.039	<0.063	<0.055	**0.15 J**	**0.16 JK**	**0.35 J**	**0.44 JK**	**0.48 JK**	**0.80 J**	**0.45 J**	**1.6 J**	**0.99 J**	**0.21 JK**	**0.20 J**	**3.3**	**1.4 JK**	**11**	**0.60**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pg/g: picograms per gram
HSSL: health-based soil screening level

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Detected above the HSSL.

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J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-19i. SOIL ANALYTICAL RESULTS, ECA D2
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)																		
				Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene
			HSSL:	205	274,000	54,700	333,000	11,100	500,000	500,000	14,700	10,300	10,600	220	--	--	4,900,000	274,000	--	--	696	366	231
Pre-Excavation	SSAL3-05	0.5 - 1.5	5/04/2010	<0.29	<0.25	<0.76	<0.46	<0.53	<0.37	<0.30	<0.63	<0.27	<0.68	<0.24	<0.20	<0.33	<0.32	<0.35	<0.20	<0.56	<0.25	<0.49	**0.63 J**
		2.5 - 3.5	5/04/2010	<0.27	<0.23	<0.71	<0.43	<0.50	<0.35	<0.29	<0.59	<0.26	<0.63	<0.23	<0.19	<0.31	<0.30	<0.33	<0.18	<0.53	<0.23	<0.46	**1.1 J**
		4.5 - 5.5	5/04/2010	<0.27	<0.23	<0.71	<0.43	<0.50	<0.35	<0.29	<0.59	<0.26	<0.63	<0.23	<0.19	<0.31	<0.30	<0.33	<0.18	<0.52	<0.23	<0.46	**7.3**
		6.5 - 7.5	5/04/2010	<0.27	<0.23	<0.71	<0.43	<0.49	<0.34	<0.28	<0.58	**0.29 J**	<0.63	<0.22	<0.19	<0.31	<0.29	<0.33	<0.18	<0.52	<0.23	<0.45	**7.3**
		8.5 - 9.5	5/04/2010	<0.38	<0.32	<0.99	<0.60	<0.69	<0.48	<0.40	<0.82	**0.84 J**	<0.88	<0.31	<0.26	<0.43	<0.41	<0.46	<0.26	<0.73	<0.32	<0.64	**16**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
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Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-19i. SOIL ANALYTICAL RESULTS, ECA D2
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)	
				Methoxychlor	Toxaphene
			HSSL:	4,560,000	3,210
Pre-Excavation	SSAL3-05	0.5 - 1.5	5/04/2010	<0.52	<18
		2.5 - 3.5	5/04/2010	<0.48	<17
		4.5 - 5.5	5/04/2010	<0.48	<17
		6.5 - 7.5	5/04/2010	<0.48	<17
		8.5 - 9.5	5/04/2010	<0.67	<24

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated qu

Table A-20a. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)															
				Ammonia	Bicarbonate as HCO_3	Bromide	Carbonate as CO_3	Chlorate	Chloride	Chromium (total)	Chromium VI	Cyanide (total)	Fluoride	Hydroxide	Nitrate (as NO_3)	Nitrate Nitrite as N	Nitrite	Perchlorate	ortho-Phosphate	Sulfate
			HSSL:	27,900	--	--	--	38,900	--	100,000	564	164	51,900	--	100,000	--	120,000	908	--	--
Phase A	SA-23	1 - 2.5	11/09/2006	7.1 UJ	--	<2.9	--	**5.2 J**	**4.2**	**8.5 J-**	<0.23	0.58 UJ	--	--	**0.93 J+**	--	<0.23	**2.76**	**4.8 J**	**6.8**
Phase B	RSAI4	0.5 - 2	7/24/2009	<0.097	--	**0.7 J**	<3	**3.56**	**396 J+**	**4.84**	<0.19	<0.5	--	--	**110 J+**	--	<0.08	**11 J+**	--	**838 J+**
		10 - 11.5	7/24/2009	<0.097	--	<0.2	**75**	**0.174 J**	**643 J+**	**9.2**	<0.19	<0.5	--	--	**7.2 J+**	--	<0.08	**0.296 J+**	--	**372 J+**
	RSAI5	0.5 - 2	7/24/2009	<0.097	--	<0.2	**32**	**0.964**	**17.6 J+**	**6.67**	<0.19	<0.42	--	--	**19 J+**	--	<0.08	**0.677 J+**	--	**56.4 J+**
		10 - 11.5	7/24/2009	<0.097	--	<0.2	**144**	**0.146 J**	**111 J+**	**7.46**	<0.19	<0.5	--	--	**25 J+**	--	<0.08	**0.705 J+**	--	**228 J+**
			7/24/2009 (FD)	<0.061	--	**0.7 J**	**136**	**0.281**	**119 J+**	**8.89**	<0.19	<0.42	--	--	**25 J+**	--	<0.08	**0.843 J+**	--	**243 J+**
	RSAI7	0 - 0.5	7/11/2008	<0.41	--	--	**938**	**0.322 J**	<4.69	**7.4 J**	<0.101	<0.218	--	--	<1.6	--	<0.001	**0.31 J**	--	<0.52
		9.5 - 11	7/11/2008	<0.41	--	--	**2,330**	**2.66**	**81.9**	**8.35 J**	<0.101	<0.218	--	--	<1.6	--	<0.001	**2.83**	--	**102**
	RSAJ5	0.5 - 2	6/02/2009	**0.72 J+**	--	<2	**71**	**9.68 J**	**55 J+**	**9.63**	<0.20	<0.5	--	--	**33 J+**	--	<1.4	**12.2**	--	**236 J+**
		10 - 11.5	7/15/2009	<0.097	--	<0.2	**27**	**1.29**	**19.4 J+**	**5.83**	<0.19	<0.5	--	--	**7.7 J+**	--	<0.08	**1.46**	--	**78.4 J+**
	RSAJ6	5 - 6	6/05/2009	<0.061	--	**2.4**	**4 J**	**141**	**3,280**	**8.7**	<0.19	--	--	--	**150 J+**	--	**0.15**	**11.2**	--	**1,600**
	RSAJ7	0 - 1.5	7/09/2008	<0.41	--	<0.385	**557**	**0.201 J**	**29.6**	**36.9**	**1.41**	<0.218	--	--	<1.6	--	<0.001	**0.273 J**	--	**203**
		9.5 - 11	7/09/2008	<0.41	--	<0.385	**1,420**	**0.349 J**	<4.69	**7.72**	<0.101	<0.218	--	--	<1.6	--	<0.001	**0.275**	--	**28.7**
	RSAK3	6 - 7	7/02/2009	**0.45 J**	--	<0.2	**193**	**1.14**	**189 J+**	**9.76**	<0.20	<0.5	--	--	**14 J+**	--	<0.08	**32.5**	--	**26.2 J+**
	RSAK5	2 - 3.5	6/02/2009	<0.061	--	<2	**19 J**	**2.4 J**	**164 J+**	**11.5**	**0.22 J**	<0.42	--	--	**49 J+**	--	<1.3	**1.27**	--	**438 J+**
	RSAK7	8.5 - 10	7/10/2008	<0.41	--	<0.385	<0.689	**2.71 J**	**43.5 J**	**6.8**	<0.101	<0.218	--	--	<1.6	--	<0.001	**2.91 J**	--	**172 J**
			7/10/2008 (FD)	<0.41	--	<0.385	<0.689	**5.95 J**	**109 J**	**7.82**	<0.101	<0.218	--	--	<1.6	--	<0.001	**6.24 J**	--	**324 J**
	SA-127	0.5 - 1.5	6/05/2009	<0.061	--	<0.2	**124**	**0.873**	**62.6 J+**	**7.26**	<0.19	--	--	--	**27 J+**	--	<0.08	**1.06**	--	**102 J+**
		5 - 6.5	7/31/2009	<0.097	--	**0.9 J**	**11 J**	**3.28**	**246 J+**	**7.58**	<0.19	--	--	--	**59 J+**	--	<0.08	**6.28**	--	**254 J+**
		10 - 11.5	7/31/2009	**1 J+**	--	**0.7 J**	**127**	**4.34**	**1,450**	**7.33**	<0.20	--	--	--	**13 J+**	--	<0.08	**11.6**	--	**52.6 J+**
	SA-202	3.5 - 5	6/25/2009	<0.061	--	<0.2	**7 J**	**5.02**	**1,970**	**6.74 J**	<0.20	<0.5	--	--	**27 J+**	--	<0.08	**11.2 J**	--	**321 J+**
	SA-127 BERM	10 - 11.5	7/31/2009	<0.097	--	**1.1**	<3	**3.11**	**337 J+**	**5.91**	<0.19	--	--	--	**68 J+**	--	<0.08	**5.48**	--	**395 J+**
2011 Removal Action	DS-DB-1	0	4/20/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1.32**	--	--
			4/20/2011 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1.37**	--	--
Phase 1 RI	RISB-39	0.5 - 1	11/21/2014	<2.5	**17,000**	<3.7	**1,200**	**0.078 J**	**16**	**11**	<0.42	--	--	<180	**8.1**	**1.8**	<1.2	**0.014 J**	<4.2	**17**
		5 - 5.5	11/21/2014	<2.6	**18,000**	<3.8	**1,300**	**0.80**	**130**	**13**	<0.44	--	--	<180	**14**	**3.1**	<1.2	**0.037 J**	<4.3	**32**
			11/21/2014 (FD)	<2.6	**19,000**	<3.8	**1,300**	**0.84**	**120**	**13**	<0.43	--	--	<190	**13**	**2.9**	<1.2	**0.032 J**	<4.4	**28**
	RISB-40	0.5 - 1	11/21/2014	<2.5	**19,000**	<3.6	**920**	**0.091 J**	**12**	**16**	<0.42	--	--	<170	**9.9**	**2.2**	<1.1	**0.045**	<4.1	**18**
		5 - 5.5	11/21/2014	<2.7	**43,000**	<3.9	**980**	**1.2**	**100**	**14**	<0.45	--	--	<190	**6.4**	**1.5 J**	<1.2	**0.028 J**	<4.4	**140**
	RISB-41	0.5 - 1	11/21/2014	<2.5	**22,000**	<3.7	**1,200**	<0.052	**14**	**13**	<0.42	--	--	<180	**8.5**	**1.9**	<1.2	**0.079**	<4.2	**55**
			11/21/2014 (FD)	<2.5	**18,000**	<3.6	**940**	<0.052	**14**	**15**	<0.42	--	--	<180	**8.0**	**1.8**	<1.1	**0.079**	<4.1	**58**
		5 - 5.5	11/21/2014	<2.6	**21,000**	<3.8	**1,300**	**1.1**	**150**	**15**	<0.44	--	--	<180	**31**	**7.1**	<1.2	**2.3**	<4.4	**93**
2019 Removal Action	DSPE-8	1.5 - 2	4/01/2019	--	--	--	--	--	**230**	**19**	**0.49**	<0.46	<3.7	--	**31**	--	<1.2	**32**	**3.7 J**	**160 J-**

Notes:
(FD): field duplicate
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Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-20b. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)																	
				Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Niobium	Palladium	Phosphorus (total)
			HSSL:	100,000	3,450	7.2	100,000	6,130	100,000	8,180	--	385	51,900	100,000	800	100,000	100,000	3.13	6,490	50,300	130	--	100,000
Phase A	SA-23	1 - 2.5	11/09/2006	**6,850**	**0.13 J-**	**2.6**	**181 J**	**0.46**	**4.5 J**	**0.14**	**17,500**	**7.1 J-**	**15.2 J**	**11,500**	**9.2**	**6,660 J-**	**439**	**0.020 J**	**0.54 J**	**14.1 J-**	--	--	--
Phase B	RSAI4	0.5 - 2	7/24/2009	**7,230**	0.5 UJ	**1.38**	**171**	**0.327**	**6 J**	<0.04	**18,800**	**7**	**16.6**	**14,200**	**8.5**	**7,760**	**394 J**	**0.009 J**	**0.57**	**19**	--	--	**852**
		10 - 11.5	7/24/2009	**8,300**	0.5 UJ	**5.71**	**142**	**0.535**	**6.8 J**	<0.04	**14,000**	**9.3**	**17.1**	**16,100**	**10**	**10,300**	**343 J**	**0.006 J**	**0.65**	**15.6**	--	--	**406**
	RSAI5	0.5 - 2	7/24/2009	**8,320**	0.5 UJ	**1.82**	**163**	**0.469**	**7.8 J**	<0.04	**27,800**	**7.5**	**18.8**	**16,400**	**9.4**	**8,930**	**447 J**	**0.016**	**0.57**	**17.5**	--	--	**939**
		10 - 11.5	7/24/2009	**6,840**	0.5 UJ	**5.97**	**158**	**0.403**	**5.8 J**	<0.04	**31,800**	**5.7**	**13.1**	**12,400**	**6.9**	**8,730**	**258 J**	**0.006 J**	**0.41**	**10.3**	--	--	**675**
			7/24/2009 (FD)	**9,280**	0.5 UJ	**7.27**	**216**	**0.501**	**7.2 J**	<0.04	**39,400**	**7.8**	**17.3**	**16,000**	**8.4**	**11,200**	**358 J**	**0.005 J**	**0.52**	**15**	--	--	**638**
	RSAI7	0 - 0.5	7/11/2008	**8,250**	**0.17 J-**	**2.25**	**215**	**0.562 J**	<1.1	**0.201 J**	**35,200**	**6.5 J**	**15.9**	**14,700**	**9.75**	**8,420**	**559 J**	**0.013 J**	**0.23**	**13.6 J**	--	--	**908**
		9.5 - 11	7/11/2008	**9,480**	**0.19 J-**	**3.2**	**299**	**0.555 J**	**1.5 J**	**0.116 J**	**26,600**	**7 J**	**14**	**14,700**	**9.84**	**10,100**	**488 J**	**0.008 J**	**0.2**	**12.6 J**	--	--	**660**
	RSAJ5	0.5 - 2	6/02/2009	**6,550**	0.6 UJ	**3.68**	**151**	**0.519**	**108**	**0.11**	**20,600**	**5.1 J**	**15.3**	**10,500**	**9.2**	**76,000**	**475**	**0.039**	**1.67**	**11.7**	--	--	**994**
		10 - 11.5	7/15/2009	**9,140 J**	0.5 UJ	**3.86**	**203**	**0.393**	**8.9 J**	0.04 UJ	**32,900**	**5.7 J**	**18.4**	**14,900**	**7.4 J**	**11,800**	**248**	**0.007 J**	**0.45**	**14.9 J**	--	--	**632**
	RSAJ6	5 - 6	6/05/2009	**9,150**	0.5 UJ	**5.58**	**202**	**0.499**	**17.7**	**0.21**	**34,700 J**	**6.9**	**17.7**	**14,500 J**	**20.9**	**18,600**	**425 J**	**0.036**	**1.16**	**15.5 J**	--	--	**671**
	RSAJ7	0 - 1.5	7/09/2008	**10,400**	**0.32 J-**	**4.71**	**255**	**0.522**	**14.6**	**0.391**	**25,400**	**13.1 J**	**24.9**	**17,300**	**26.9**	**18,600**	**1,990**	**0.059**	**0.91**	**13.8 J**	--	--	**1,240**
		9.5 - 11	7/09/2008	**11,900**	**0.19 J-**	**3.75**	**184**	**0.555**	**7.4 J**	**0.113**	**36,200**	**6.68 J**	**16.8**	**18,200**	**8.45**	**15,300**	**341**	**0.008 J**	**0.2**	**11.8 J**	--	--	**691**
	RSAK3	6 - 7	7/02/2009	**9,160**	<0.5	**2.34**	**148**	**0.517**	**7 J**	<0.04	**60,400**	**5.3**	**14.5**	**12,000**	**5.5**	**13,200**	**235**	**0.004 J**	**0.26 J**	**12.2**	--	--	**573**
	RSAK5	2 - 3.5	6/02/2009	**7,750**	0.5 UJ	**2.68**	**168**	**0.509**	**8.4 J**	<0.04	**22,100**	**7.7 J**	**17.9**	**15,600**	**14.3**	**9,100**	**460**	**0.014 J**	**1.04**	**14.2**	--	--	**1,080**
	RSAK7	8.5 - 10	7/10/2008	**10,300**	**0.16 J-**	**4.26**	**153**	**0.563**	**8.8**	**0.121**	**37,900**	**6.87 J**	**17.2**	**16,200**	**7.38**	**14,000**	**328**	**0.008**	<0.1	**11.1 J**	--	--	**1,100**
			7/10/2008 (FD)	**11,100**	**0.16 J-**	**4.91**	**182**	**0.492**	**8.8**	**0.125**	**42,700**	**6.72 J**	**16.7**	**17,600**	**7.69**	**12,900**	**310**	**0.007**	**0.2**	**11.9 J**	--	--	**888**
	SA-127	0.5 - 1.5	6/05/2009	**9,780**	0.5 UJ	**2.99**	**165**	**0.494**	**7 J**	**0.08 J**	**29,500 J**	**7.1**	**16**	**14,900 J**	**8.3**	**12,200**	**343 J**	**0.007 J**	**0.4**	**13.8 J**	--	--	**653**
		5 - 6.5	7/31/2009	**8,550**	0.5 UJ	**1.82**	**178**	**0.486**	**6.8 J**	**0.06 J**	**19,200**	**7.3**	**19.6**	**15,600**	**12.6**	**9,250**	**466 J-**	**0.005 J**	**0.53**	**15.8**	--	--	**1,140**
		10 - 11.5	7/31/2009	**8,480**	0.5 UJ	**4.03**	**149**	**0.4**	**7.8 J**	<0.04	**30,800**	**6.9**	**16.7**	**13,600**	**7.9**	**11,000**	**278 J-**	**0.02**	**0.34**	**14.4**	--	--	**770**
	SA-202	3.5 - 5	6/25/2009	**9,640**	0.5 UJ	**3.65**	**188**	**0.447**	**7.7 J**	<0.04	**44,600 J**	**6.1**	**17**	**13,900**	**6.1**	**14,400**	**281**	**0.006 J**	**0.56**	**13**	--	--	**735**
	SA-127 BERM	10 - 11.5	7/31/2009	**7,250**	0.3 UJ	**1.87**	**115**	**0.411**	**4.6 J**	**0.06**	**19,200**	**5.9**	**14**	**11,900**	**7.1**	**7,600**	**307 J-**	**0.007 J**	**0.32**	**12.4**	--	--	**1,100**
Pre-Excavation	RSAK7	4.5	4/06/2010	--	--	**5.9**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2011 Removal Action	DS-DB-1	0	4/20/2011	--	--	**6.0 J-**	--	--	--	--	--	**1.8**	--	--	**9.3**	**189,000**	**77.1**	--	--	--	--	--	--
			4/20/2011 (FD)	--	--	**5.3 J-**	--	--	--	--	--	**1.7**	--	--	**10.1**	**173,000**	**77.6**	--	--	--	--	--	--
	EE-D10-1	0	6/07/2011	--	--	--	--	--	--	--	--	--	--	--	--	**169,000**	--	--	--	--	--	--	--
	EE-DB-1	0.5	6/07/2011	--	--	--	--	--	--	--	--	--	--	--	--	**162,000**	--	--	--	--	--	--	--
	EE-DB-2	0	6/07/2011	--	--	--	--	--	--	--	--	--	--	--	--	**162,000**	--	--	--	--	--	--	--
Phase 1 RI	RISB-39	0.5 - 1	11/21/2014	**8,700**	0.52 UJ	**2.3**	**170 J**	--	<2.6	<0.26	--	**7.7**	**19**	**15,000**	**11**	**8,300**	**550**	**0.26 J**	<1.0	**15**	--	<0.054	**1,300 J**
		5 - 5.5	11/21/2014	**9,600**	0.55 UJ	**3.2**	**160 J**	--	2.7 UJ	<0.27	--	**7.5**	**18**	**15,000**	**9.3**	**8,200**	**440**	**0.080 J**	<1.1	**15**	--	<0.057	**1,200 J**
			11/21/2014 (FD)	**9,800**	0.55 UJ	**3.1**	**180 J**	--	**2.7 J**	<0.27	--	**7.6**	**19**	**16,000**	**8.7**	**8,700**	**400**	**0.023 J**	<1.1	**16**	--	<0.052	**1,300 J**
	RISB-40	0.5 - 1	11/21/2014	**10,000**	0.51 UJ	**3.3**	**210 J**	--	**3.6 J**	<0.26	--	**9.1**	**20**	**15,000**	**14**	**9,900**	**980**	**0.028 J**	<1.0	**17**	**2.3 J**	<0.050	**1,100 J**
		5 - 5.5	11/21/2014	**11,000**	0.55 UJ	**3.6**	**190 J**	--	**5.2 J**	<0.27	--	**6.8**	**18**	**15,000**	**8.6**	**9,500**	**380**	**0.014 J**	<1.1	**15**	--	<0.057	**930 J**
	RISB-41	0.5 - 1	11/21/2014	**9,000**	0.52 UJ	**2.3**	**220 J**	--	**3.0 J**	<0.26	--	**7.2**	**18**	**14,000**	**9.4**	**11,000**	**650**	**0.21 J**	<1.0	**14**	--	<0.051	**1,200 J**
			11/21/2014 (FD)	**9,400**	0.52 UJ	**2.4**	**190 J**	--	**3.1 J**	<0.26	--	**7.6**	**18**	**15,000**	**9.6**	**8,800**	**560**	**0.019 J**	<1.0	**16**	--	<0.053	**1,300 J**
		5 - 5.5	11/21/2014	**10,000**	0.55 UJ	**3.7**	**170 J**	--	<2.7	<0.27	--	**7.0**	**18**	**15,000**	**8.3**	**9,100**	**350**	**0.035 J**	<1.1	**15**	--	<0.058	**1,100 J**
2019 Removal Action	DSPE-8	1.5 - 2	4/01/2019	--	--	**5.5 J+**	**180**	--	**3.5 J**	<0.26	--	--	--	**33,000**	**11**	**9,700**	**610**	<0.012	--	--	--	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-20b. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)															
				Platinum	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Sulfur	Thallium	Tin	Titanium	Tungsten	Uranium (total)	Vanadium	Zinc	Zirconium
			HSSL:	5,190	--	6,490	--	100,000	--	100,000	--	13	100,000	100,000	1,040	3,830	100,000	100,000	104
Phase A	SA-23	1 - 2.5	11/09/2006	<0.012	**1,870**	<0.13	--	**0.12 J**	**1,120 J-**	**126 J**	--	**0.083 J**	**0.51**	**410**	**0.36 J-**	**0.73**	**24.3 J-**	**30.5 J-**	--
Phase B	RSAI4	0.5 - 2	7/24/2009	<0.007	**2,640**	<0.7	--	<0.2	**792**	**130**	--	**0.095**	**4.4 J**	**715**	**0.11 J-**	**0.567**	**38.3**	**29.8**	--
		10 - 11.5	7/24/2009	<0.008	**1,810**	<0.8	--	<0.2	**2,920**	**245**	--	**0.104**	**4.7 J**	**807**	**0.23 J-**	**1.62**	**49.9**	**31.5**	--
	RSAI5	0.5 - 2	7/24/2009	<0.007	**3,190**	<0.7	--	<0.2	**624**	**153**	--	**0.1**	**1.9 J**	**809**	**0.16 J-**	**0.664**	**45.4**	**32**	--
		10 - 11.5	7/24/2009	<0.008	**1,790**	<0.8	--	<0.2	**2,470**	**255**	--	**0.066**	**2.1 J**	**661**	**0.41 J-**	**1.01**	**42.9**	**23.9**	--
			7/24/2009 (FD)	<0.008	**2,240**	<0.8	--	<0.2	**3,500**	**387**	--	**0.083**	**2.2 J**	**798**	**0.51 J-**	**1.21**	**54.3**	**30.7**	--
	RSAI7	0 - 0.5	7/11/2008	<0.02	**2,350**	<1	--	**0.036 J**	**1,470**	**221**	--	**0.106 J**	**3 J**	**790**	**0.18 J**	**0.81**	**43.1**	**27.5 J**	--
		9.5 - 11	7/11/2008	<0.02	**2,010**	<0.9	--	0.022 UJ	**3,950**	**442**	--	**0.089 J**	**3.1 J**	**796**	**0.19 J**	**1.9**	**46.3**	**27 J**	--
	RSAJ5	0.5 - 2	6/02/2009	<0.01	**1,570**	<0.8	--	<0.2	**470**	**205**	--	**0.238**	**4.1 J**	**517**	**0.79 J-**	**2.2**	**31**	**42.1 J**	--
		10 - 11.5	7/15/2009	<0.008	**3,560**	<0.8	--	<0.2	**959**	**469**	--	**0.08 J**	**4.7 J**	**825**	**0.1 J**	**2.19**	**44.7**	**29.8 J+**	--
	RSAJ6	5 - 6	6/05/2009	**0.01 J**	**2,090**	<0.7	--	<0.2	**3,420**	**294**	--	**0.152**	**4.4 J**	**829**	**0.78 J-**	**2.53**	**47.3**	**44.1 J**	--
	RSAJ7	0 - 1.5	7/09/2008	<0.02	**2,390**	<0.9	--	**0.165**	**587**	**194 J**	--	**0.257**	**3.7 J**	**867 J**	**0.75 J-**	**1.5**	**41.6 J**	**65.3 J**	--
		9.5 - 11	7/09/2008	<0.02	**2,090**	<0.8	--	**0.041**	**2,950**	**312 J**	--	**0.081**	**3 J**	**983 J**	**0.17 J**	**2**	**49 J**	**32.5 J**	--
	RSAK3	6 - 7	7/02/2009	**0.008 J**	**1,890**	<0.8	--	<0.2	**3,750**	**296**	--	**0.1**	**5.6 J**	**582**	**0.16**	**1.29**	**33.4**	**23.6**	--
	RSAK5	2 - 3.5	6/02/2009	<0.01	**2,060**	<0.7	--	<0.2	**1,080**	**147**	--	**0.116**	**4.3 J**	**758**	**0.45 J-**	**1.36**	**45.4**	**39.8 J**	--
	RSAK7	8.5 - 10	7/10/2008	<0.02	**2,090**	<1	--	<0.024	**977**	**328 J**	--	**0.063**	**3.5 J**	**831 J**	**0.37 J-**	**2.1**	**46.6 J**	**29.1 J**	--
			7/10/2008 (FD)	<0.02	**2,260**	<0.9	--	<0.022	**1,010**	**391 J**	--	**0.085**	**3 J**	**906 J**	**0.28 J-**	**2.3**	**47.4 J**	**29.3 J**	--
	SA-127	0.5 - 1.5	6/05/2009	**0.01 J**	**2,360**	<0.7	--	<0.2	**2,500**	**268**	--	**0.096**	**3.8 J**	**874**	**0.19 J-**	**1.73**	**47.9**	**31.2 J**	--
		5 - 6.5	7/31/2009	**0.007 J**	**2,680**	<0.7	--	<0.2	**600**	**154**	--	**0.123**	**4.6 J**	**886**	**0.48 J-**	**0.791**	**45.1**	**35.5 J**	--
		10 - 11.5	7/31/2009	**0.045 J**	**1,610**	<0.8	--	<0.2	**4,250**	**331**	--	**0.089**	**4.3 J**	**642**	**0.18 J-**	**2.32**	**38.9**	**28.7 J**	--
	SA-202	3.5 - 5	6/25/2009	**0.021 J**	**2,160**	<0.8	--	**2.4**	**2,390**	**246**	--	**0.09**	**4.2 J**	**783**	**0.24 J-**	**1.56**	**43.7**	**28.5 J**	--
	SA-127 BERM	10 - 11.5	7/31/2009	**0.006 J**	**1,630**	<0.4	--	<0.1	**603**	**139**	--	**0.084**	**2.4 J**	**532**	**0.33 J-**	**0.864**	**33.5**	**24.4 J**	--
Pre-Excavation	RSAK7	4.5	4/06/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2011 Removal Action	DS-DB-1	0	4/20/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			4/20/2011 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	EE-D10-1	0	6/07/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	EE-DB-1	0.5	6/07/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	EE-DB-2	0	6/07/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phase 1 RI	RISB-39	0.5 - 1	11/21/2014	--	--	<0.52	**92 J**	<0.78	--	**130**	--	<0.26	--	--	5.2 UJ	**0.92**	--	**37**	**20**
		5 - 5.5	11/21/2014	--	--	<0.55	**110 J**	<0.82	--	**150**	--	<0.27	--	--	5.5 UJ	**1.1**	--	**31**	**20**
			11/21/2014 (FD)	--	--	<0.55	**110 J**	<0.82	--	**170**	**1,000 J**	<0.27	--	--	5.5 UJ	**1.1**	--	**35**	**20**
	RISB-40	0.5 - 1	11/21/2014	--	--	<0.51	**98 J**	<0.77	--	**180**	--	<0.26	--	--	5.1 UJ	**1.2**	--	**47**	**26**
		5 - 5.5	11/21/2014	--	--	<0.55	**110 J**	<0.82	--	**220**	--	<0.27	--	--	5.5 UJ	**1.2**	--	**32**	**23**
	RISB-41	0.5 - 1	11/21/2014	--	--	<0.52	**140 J**	<0.78	--	**170**	--	<0.26	--	--	5.2 UJ	**0.79**	--	**33**	**21**
			11/21/2014 (FD)	--	--	<0.52	**96 J**	<0.78	--	**160**	--	<0.26	--	--	5.2 UJ	**0.77**	--	**38**	**20**
		5 - 5.5	11/21/2014	--	--	<0.55	**120 J**	<0.82	--	**210**	--	<0.27	--	--	5.5 UJ	**0.85**	--	**33**	**21**
2019 Removal Action	DSPE-8	1.5 - 2	4/01/2019	--	--	<1.8	--	<0.94	--	--	--	--	--	--	--	--	--	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-20c. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
Radionuclides (pCi/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Radionuclides (pCi/g)									
				Radium-226	Radium-228	Thorium-228	Thorium-230	Thorium-232	Uranium-234		Uranium-235		Uranium-238
			HSSL:	0.023	0.046	0.026	14	13	--	18	--	0.33	1.5
Phase A	SA-23	1 - 2.5	11/09/2006	**1.11 J+**	**2.06 J+**	--	--	--	--	--	--	--	--
Phase B	RSAI4	0.5 - 2	7/24/2009	**0.956**	**0.672**	**2.13**	**1.19**	**1.84**	--	**0.903**	--	**0.0422 U**	**1.02**
		10 - 11.5	7/24/2009	**0.846**	**0.676**	**1.70**	**1.58**	**1.69**	--	**1.52**	--	**0.0988**	**1.37**
	RSAI5	0.5 - 2	7/24/2009	**0.998**	**1.88**	**2.12**	**1.31 J**	**2.25**	--	**0.914**	--	**0.0576**	**0.943**
		10 - 11.5	7/24/2009	**0.896**	**0.195 UJ**	**1.82**	**1.50**	**1.93**	--	**1.19**	--	**0.0552 U**	**0.928**
			7/24/2009 (FD)	**0.775**	**1.42 J**	**1.71**	**1.04**	**1.54**	--	**1.20**	--	**-0.0242 U**	**0.999**
	RSAI7	0 - 0.5	7/11/2008	**1.74**	**1.06**	**2.08**	**0.879**	**1.55**	--	**1.07**	--	**0.0632 J**	**0.972**
		9.5 - 11	7/11/2008	**1.51**	**0.942**	**1.72**	**1.21**	**1.54**	--	**1.48**	--	**0.124 J**	**1.25**
	RSAJ5	0.5 - 2	6/02/2009	**0.578**	**1.06**	**0.848**	**0.953**	**0.741 J**	--	**0.929**	--	**0.0605**	**0.966**
		10 - 11.5	7/15/2009	**1.89**	**0.545**	**1.87**	**2.61**	**2.00**	--	**1.76**	--	**0.112**	**1.54**
	RSAJ6	5 - 6	6/05/2009	**0.0402 U**	**1.63**	**1.80**	**1.83**	**1.21 J**	--	**1.77**	--	**0.0897**	**1.47**
	RSAJ7	0 - 1.5	7/09/2008	**1.27**	**0.602**	**2.20**	**1.38 J**	**1.21 J**	--	**1.49**	--	**0.0893 J**	**1.23**
		9.5 - 11	7/09/2008	**1.41**	**4.84**	**1.37**	**1.17 J**	**0.711 J**	--	**1.36**	--	**0.108 J**	**1.27**
	RSAK3	6 - 7	7/02/2009	**0.769**	**1.09**	**1.87**	**1.66**	**1.42 J**	--	**1.17**	--	**0.0434**	**0.998**
	RSAK5	2 - 3.5	6/02/2009	**0.496**	**0.904**	**2.11**	**1.26**	**1.61 J**	--	**0.973**	--	**0.0557**	**0.956**
	RSAK7	8.5 - 10	7/10/2008	**1.38**	**0.831 J**	**1.71**	**1.92 J**	**0.762 J**	--	**1.52**	--	**0.0965 J**	**1.35**
			7/10/2008 (FD)	**1.76**	**3.51 J**	**2.03**	**1.22 J**	**2.17 J**	--	**1.50**	--	**0.126 J**	**1.32**
	SA-127	0.5 - 1.5	6/05/2009	**0.854**	**1.79**	**1.72**	**1.90**	**1.38 J**	--	**1.45**	--	**0.0569**	**1.17**
		5 - 6.5	7/31/2009	**0.770**	**1.77 J**	**2.02**	**0.876**	**1.47**	--	**0.828**	--	**0.0583**	**0.842**
		10 - 11.5	7/31/2009	**1.63**	**1.82 J**	**1.73**	**1.75**	**1.22**	--	**1.60**	--	**0.0932**	**1.48**
	SA-202	3.5 - 5	6/25/2009	**0.778**	**1.67**	**1.86**	**1.11 J**	**1.54**	--	**1.35 J**	--	**0.065**	**0.996**
	SA-127 BERM	10 - 11.5	7/31/2009	**0.664**	**2.15 J**	**1.82**	**0.845**	**1.50**	--	**1.11**	--	**0.0614**	**1.01**
Phase 1 RI	RISB-39	0.5 - 1	11/21/2014	**1.06**	**1.06**	**1.76**	**1.11**	**1.47**	**0.686**	--	**0.0458 U**	--	**0.565**
		5 - 5.5	11/21/2014	**1.08**	**1.22**	**1.74**	**1.17**	**1.66**	**0.947**	--	**0.210 J**	--	**0.801**
			11/21/2014 (FD)	**0.974**	**1.27**	**1.39**	**1.08**	**1.79**	**1.05**	--	**0.0210 UJ**	--	**0.846**
	RISB-40	0.5 - 1	11/21/2014	**1.03**	**1.24**	**1.59**	**1.21**	**1.25**	**1.06**	--	**0.0757 U**	--	**1.10**
		5 - 5.5	11/21/2014	**0.902**	**1.35**	**1.97**	**1.23**	**2.15**	**1.03**	--	**0.0889**	--	**0.837**
	RISB-41	0.5 - 1	11/21/2014	**1.21**	**1.23**	**1.94**	**1.17**	**2.05**	**0.807**	--	**0.0587 U**	--	**0.896**
			11/21/2014 (FD)	**1.07**	**1.17**	**1.92**	**1.21**	**1.96**	**0.847**	--	**0.0496 U**	--	**0.938**
		5 - 5.5	11/21/2014	**0.891**	**1.22**	**1.76**	**0.976**	**1.38**	**0.757**	--	**0.0298 U**	--	**0.819**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
pCi/g: picocuries per gram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: result above minimum detectable activity
Value: result below minimum detectable activity
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-20d. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Acetone	t-Amyl methyl ether	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene
			HSSL:	100,000,000	--	5,310	679,000	628,000	1,300	95,300	30,300	28,400,000	108,000	145,000	183,000	2,960	1,370,000	2,120,000	1,390	464,000	907,000	26,000,000	10,400,000
Phase A	SA-23	1 - 2.5	11/09/2006	12 UJ	<5.8	5.8 UJ	<5.8	<5.8	5.8 UJ	<5.8	12 UJ	<12	5.8 UJ	5.8 UJ	5.8 UJ	5.8 UJ	5.8 UJ	5.8 UJ	<5.8	5.8 UJ	<5.8	5.8 UJ	5.8 UJ
Phase B	RSAI4	0.5 - 2	7/24/2009	**5.1 J**	<0.081	<0.16	<0.23	<0.24	<0.16	<0.31	<0.34	<0.56	<0.43	<0.34	<0.24	<0.34	<0.17	<0.32	<0.24	<0.23	<0.33	<0.40	<0.21
		10 - 11.5	7/24/2009	**10 J**	<0.077	<0.15	<0.21	<0.23	<0.15	<0.30	<0.32	<0.53	<0.41	<0.32	<0.23	<0.32	<0.16	<0.30	<0.23	<0.21	<0.31	<0.38	<0.20
	RSAI5	0.5 - 2	7/24/2009	**5.3 J**	<0.089	<0.17	<0.25	<0.26	<0.17	<0.34	<0.37	<0.61	<0.47	<0.37	<0.26	<0.37	<0.18	<0.35	<0.26	<0.25	<0.36	<0.44	<0.23
		10 - 11.5	7/24/2009	**6.6 J**	<0.078	<0.15	<0.22	<0.23	<0.15	<0.30	<0.32	<0.54	<0.42	<0.32	<0.23	<0.32	<0.16	<0.31	**0.50 J**	<0.22	<0.32	<0.39	<0.20
			7/24/2009 (FD)	**7.5 J**	<0.098	<0.19	<0.27	<0.29	<0.19	<0.38	<0.40	<0.68	<0.52	<0.40	<0.29	<0.40	<0.20	<0.39	**0.62 J**	<0.27	<0.39	<0.48	<0.25
	RSAI7	0 - 0.5	7/11/2008	13 UJ	0.30 UJ	0.19 UJ	0.42 UJ	0.34 UJ	0.39 UJ	0.46 UJ	0.50 UJ	1.0 UJ	0.61 UJ	0.32 UJ	0.29 UJ	0.35 UJ	0.24 UJ	0.21 UJ	0.15 UJ	0.44 UJ	0.28 UJ	0.37 UJ	0.40 UJ
		9.5 - 11	7/11/2008	**9.6 J-**	0.30 UJ	0.19 UJ	0.42 UJ	0.34 UJ	0.39 UJ	0.46 UJ	0.50 UJ	1.0 UJ	0.61 UJ	0.32 UJ	0.29 UJ	0.35 UJ	0.24 UJ	0.21 UJ	0.15 UJ	0.44 UJ	0.28 UJ	0.37 UJ	0.40 UJ
	RSAJ5	0.5 - 2	6/02/2009	<1.7	<0.13	<0.24	<0.34	<0.36	<0.24	<0.47	<0.50	<0.84	<0.64	<0.50	<0.36	<0.50	<0.25	<0.48	<0.36	<0.34	<0.49	<0.60	<0.31
		10 - 11.5	7/15/2009	**14 J**	<0.079	<0.16	<0.22	<0.23	<0.16	<0.31	<0.33	**0.77 J**	<0.42	<0.33	<0.23	<0.33	<0.16	<0.31	<0.23	<0.22	<0.32	<0.39	<0.21
	RSAJ6	5 - 6	6/05/2009	**5.3 J**	<0.14	<0.26	<0.37	<0.39	<0.26	<0.52	<0.55	<0.93	<0.71	<0.55	<0.39	<0.55	<0.27	<0.53	<0.39	<0.37	<0.54	<0.66	<0.35
	RSAJ7	0 - 1.5	7/09/2008	**35**	<0.30	<0.19	<0.42	<0.34	<0.39	<0.46	<0.50	<1.0	<0.61	<0.32	<0.29	<0.35	<0.24	<0.21	<0.15	<0.44	<0.28	<0.37	<0.40
		9.5 - 11	7/09/2008	**30 J**	<0.30	<0.19	<0.42	<0.34	<0.39	<0.46	<0.50	<1.0	<0.61	<0.32	<0.29	<0.35	<0.24	<0.21	<0.15	<0.44	<0.28	<0.37	<0.40
	RSAK3	6 - 7	7/02/2009	**6.4 J**	<0.070	<0.14	<0.19	<0.21	<0.14	<0.27	<0.29	<0.48	<0.37	<0.29	<0.21	<0.29	<0.14	<0.28	**1.3 J**	<0.19	<0.28	<0.34	<0.18
	RSAK5	2 - 3.5	6/02/2009	**5.9 J**	<0.11	<0.21	0.30 UJ	<0.32	<0.21	<0.42	<0.45	<0.75	0.57 UJ	0.45 UJ	0.32 UJ	<0.45	<0.22	<0.43	<0.32	<0.30	<0.44	<0.53	<0.28
	RSAK7	8.5 - 10	7/10/2008	**11 J**	<0.30	<0.19	<0.42	<0.34	<0.39	<0.46	<0.50	<1.0	<0.61	<0.32	<0.29	<0.35	<0.24	<0.21	<0.15	<0.44	<0.28	<0.37	<0.40
			7/10/2008 (FD)	**30**	<0.30	<0.19	<0.42	<0.34	<0.39	<0.46	<0.50	<1.0	<0.61	<0.32	<0.29	<0.35	<0.24	<0.21	<0.15	<0.44	<0.28	<0.37	<0.40
	SA-127	0.5 - 1.5	6/05/2009	**4.0 J**	<0.12	<0.22	<0.31	<0.33	<0.22	<0.44	<0.47	<0.79	<0.60	<0.47	<0.33	<0.47	<0.23	<0.45	<0.33	<0.31	<0.46	<0.56	<0.29
		5 - 6.5	7/31/2009	**7.8 J**	<0.073	<0.14	<0.20	<0.22	<0.14	<0.28	<0.30	**0.93 J**	<0.39	<0.30	<0.22	<0.30	<0.15	<0.29	<0.22	<0.20	<0.30	<0.36	<0.19
		10 - 11.5	7/31/2009	**10 J**	<0.074	<0.15	<0.21	<0.22	<0.15	<0.29	<0.31	<0.51	<0.39	<0.31	<0.22	<0.31	<0.15	<0.29	**0.53 J**	<0.21	<0.30	<0.37	<0.19
	SA-202	3.5 - 5	6/25/2009	**7.4 J**	<0.071	<0.14	<0.20	<0.21	<0.14	<0.27	<0.29	**0.57 J**	<0.38	<0.29	<0.21	<0.29	<0.15	<0.28	<0.21	<0.20	<0.29	<0.35	<0.18
	SA-127 BERM	10 - 11.5	7/31/2009	**7.7 J**	<0.077	<0.33	<0.29	<0.29	<0.36	<0.30	<0.55	<0.53	<0.53	<0.46	<0.39	<0.32	<0.34	<0.34	<0.30	<0.40	<0.43	<0.38	<0.35
Phase 1 RI	RISB-39	0.5 - 1	11/21/2014	8.2 UJ	1.0 UJ	0.52 UJ	1.0 UJ	1.0 UJ	0.52 UJ	1.0 UJ	1.0 UJ	5.2 UJ	1.0 UJ	1.0 UJ	1.0 UJ	0.52 UJ	0.52 UJ	1.0 UJ	0.52 UJ	1.0 UJ	1.0 UJ	1.0 UJ	0.52 UJ
			12/02/2014	<7.7	0.96 UJ	<0.48	<0.96	<0.96	<0.48	<0.96	<0.96	<4.8	<0.96	<0.96	<0.96	<0.48	<0.48	<0.96	<0.48	<0.96	<0.96	<0.96	<0.48
		5 - 5.5	11/21/2014	8.5 UJ	1.1 UJ	0.53 UJ	1.1 UJ	1.1 UJ	0.53 UJ	1.1 UJ	1.1 UJ	5.3 UJ	1.1 UJ	1.1 UJ	1.1 UJ	0.53 UJ	0.53 UJ	1.1 UJ	0.53 UJ	1.1 UJ	1.1 UJ	1.1 UJ	0.53 UJ
			11/21/2014 (FD)	8.0 UJ	0.99 UJ	0.50 UJ	0.99 UJ	0.99 UJ	0.50 UJ	0.99 UJ	0.99 UJ	5.0 UJ	0.99 UJ	0.99 UJ	0.99 UJ	0.50 UJ	0.50 UJ	0.99 UJ	0.50 UJ	0.99 UJ	0.99 UJ	0.99 UJ	0.50 UJ
			12/02/2014	<8.3	1.0 UJ	<0.52	<1.0	<1.0	<0.52	<1.0	<1.0	<5.2	<1.0	<1.0	<1.0	<0.52	<0.52	<1.0	<0.52	<1.0	<1.0	<1.0	<0.52
			12/02/2014 (FD)	<7.9	0.99 UJ	<0.49	<0.99	<0.99	<0.49	<0.99	<0.99	<4.9	<0.99	<0.99	<0.99	<0.49	<0.49	<0.99	<0.49	<0.99	<0.99	<0.99	<0.49
	RISB-40	0.5 - 1	11/21/2014	15 UJ	1.9 UJ	0.97 UJ	1.9 UJ	1.9 UJ	0.97 UJ	1.9 UJ	1.9 UJ	9.7 UJ	1.9 UJ	1.9 UJ	1.9 UJ	0.97 UJ	0.97 UJ	1.9 UJ	0.97 UJ	1.9 UJ	1.9 UJ	1.9 UJ	0.97 UJ
			12/02/2014	<7.7	0.96 UJ	<0.48	<0.96	<0.96	<0.48	<0.96	<0.96	<4.8	<0.96	<0.96	<0.96	<0.48	<0.48	<0.96	<0.48	<0.96	<0.96	<0.96	<0.48
		5 - 5.5	11/21/2014	9.2 UJ	1.2 UJ	0.58 UJ	1.2 UJ	1.2 UJ	0.58 UJ	1.2 UJ	1.2 UJ	5.8 UJ	1.2 UJ	1.2 UJ	1.2 UJ	0.58 UJ	0.58 UJ	1.2 UJ	0.58 UJ	1.2 UJ	1.2 UJ	1.2 UJ	0.58 UJ
			12/02/2014	<8.2	1.0 UJ	<0.51	<1.0	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<1.0	<1.0	<0.51	<0.51	<1.0	<0.51	<1.0	<1.0	<1.0	<0.51
	RISB-41	0.5 - 1	11/21/2014	8.8 UJ	1.1 UJ	0.55 UJ	1.1 UJ	1.1 UJ	0.55 UJ	1.1 UJ	1.1 UJ	5.5 UJ	1.1 UJ	1.1 UJ	1.1 UJ	0.55 UJ	0.55 UJ	1.1 UJ	0.55 UJ	1.1 UJ	1.1 UJ	1.1 UJ	0.55 UJ
			11/21/2014 (FD)	7.6 UJ	0.95 UJ	0.48 UJ	0.95 UJ	0.95 UJ	0.48 UJ	0.95 UJ	0.95 UJ	4.8 UJ	0.95 UJ	0.95 UJ	0.95 UJ	0.48 UJ	0.48 UJ	0.95 UJ	0.48 UJ	0.95 UJ	0.95 UJ	0.95 UJ	0.48 UJ
			12/02/2014	<8.1	1.0 UJ	<0.51	<1.0	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<1.0	<1.0	<0.51	<0.51	<1.0	<0.51	<1.0	<1.0	<1.0	<0.51
			12/02/2014 (FD)	<7.7	0.96 UJ	<0.48	<0.96	<0.96	<0.48	<0.96	<0.96	<4.8	<0.96	<0.96	<0.96	<0.48	<0.48	<0.96	<0.48	<0.96	<0.96	<0.96	<0.48
		5 - 5.5	11/21/2014	8.9 UJ	1.1 UJ	0.56 UJ	1.1 UJ	1.1 UJ	0.56 UJ	1.1 UJ	1.1 UJ	5.6 UJ	1.1 UJ	1.1 UJ	1.1 UJ	0.56 UJ	0.56 UJ	1.1 UJ	0.56 UJ	1.1 UJ	1.1 UJ	1.1 UJ	0.56 UJ
			12/02/2014	<8.3	1.0 UJ	<0.52	<1.0	<1.0	<0.52	<1.0	<1.0	<5.2	<1.0	<1.0	<1.0	<0.52	<0.52	<1.0	<0.52	<1.0	<1.0	<1.0	<0.52
2019 Removal Action	DSPE-8	1.5 - 2	4/01/2019	<8.4	<1.0	<0.52	<1.0	<1.0	<0.52	<1.0	<1.0	<5.2	<1.0	<1.0	<1.0	<0.52	<0.52	<1.0	<0.52	1.0 UJ	<1.0	<1.0	<0.52

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-20d. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane	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
			HSSL:	147,000	64.9	43,300	168	98,900	376,000	373,000	11,500	368,000	15,800	2,100	20,000	400,000	304,000	11,700	26,000,000	--	--	--	--
Phase A	SA-23	1 - 2.5	11/09/2006	5.8 UJ	<5.8	<5.8	<5.8	<5.8	5.8 UJ	5.8 UJ	5.8 UJ	5.8 UJ	5.8 UJ	5.8 UJ	5.8 UJ	<5.8	5.8 UJ	<5.8	<5.8	5.8 UJ	<5.8	<5.8	5.8 UJ
Phase B	RSAI4	0.5 - 2	7/24/2009	<0.33	<0.51	<0.25	<0.23	<0.25	<0.25	<0.37	<0.44	<0.39	<0.12	<0.20	<0.24	<0.17	<0.23	<0.20	<0.23	<0.21	<0.30	<0.23	<0.27
		10 - 11.5	7/24/2009	<0.31	<0.49	<0.23	<0.21	<0.23	<0.24	<0.35	<0.42	<0.37	<0.12	<0.19	<0.23	<0.16	<0.22	<0.19	<0.21	<0.20	<0.28	<0.21	<0.26
	RSAI5	0.5 - 2	7/24/2009	<0.36	<0.56	<0.27	<0.25	<0.27	<0.28	<0.40	<0.48	<0.42	<0.13	<0.21	<0.26	<0.18	<0.25	<0.21	<0.25	<0.23	<0.33	<0.25	<0.29
		10 - 11.5	7/24/2009	<0.32	<0.49	<0.24	<0.22	<0.24	<0.25	<0.35	<0.42	<0.37	<0.12	<0.19	<0.23	<0.16	<0.22	<0.19	<0.22	<0.20	<0.29	<0.22	<0.26
			7/24/2009 (FD)	<0.39	<0.62	<0.30	<0.27	<0.30	<0.31	<0.44	<0.53	<0.47	<0.15	<0.24	<0.29	<0.20	<0.28	<0.24	<0.27	<0.25	<0.36	<0.27	<0.32
	RSAI7	0 - 0.5	7/11/2008	0.41 UJ	0.70 UJ	0.32 UJ	0.40 UJ	0.35 UJ	0.23 UJ	0.53 UJ	0.57 UJ	0.35 UJ	0.24 UJ	0.30 UJ	0.48 UJ	0.55 UJ	0.30 UJ	0.47 UJ	0.38 UJ	0.21 UJ	0.43 UJ	0.20 UJ	0.33 UJ
		9.5 - 11	7/11/2008	0.41 UJ	0.70 UJ	0.32 UJ	0.40 UJ	0.35 UJ	0.23 UJ	0.53 UJ	0.57 UJ	0.35 UJ	0.24 UJ	0.30 UJ	0.48 UJ	0.55 UJ	0.30 UJ	0.47 UJ	0.38 UJ	0.21 UJ	0.43 UJ	0.20 UJ	0.33 UJ
	RSAJ5	0.5 - 2	6/02/2009	<0.49	<0.76	<0.37	<0.34	<0.37	<0.38	<0.54	<0.65	<0.58	<0.18	<0.29	<0.36	<0.25	<0.35	<0.29	<0.34	<0.31	<0.45	<0.34	<0.40
		10 - 11.5	7/15/2009	<0.32	<0.50	<0.24	<0.22	<0.24	<0.25	<0.36	<0.43	<0.38	<0.12	<0.19	<0.23	<0.16	<0.23	<0.19	<0.22	<0.21	<0.29	<0.22	<0.26
	RSAJ6	5 - 6	6/05/2009	<0.54	<0.84	<0.41	<0.37	<0.41	<0.42	<0.60	<0.72	<0.64	<0.20	<0.32	<0.39	<0.27	<0.38	<0.32	<0.37	<0.35	<0.49	<0.37	<0.44
	RSAJ7	0 - 1.5	7/09/2008	<0.41	<0.70	<0.32	<0.40	<0.35	<0.23	<0.53	<0.57	<0.35	<0.24	<0.30	<0.48	<0.55	<0.30	<0.47	<0.38	<0.21	<0.43	<0.20	<0.33
		9.5 - 11	7/09/2008	<0.41	<0.70	<0.32	<0.40	<0.35	<0.23	<0.53	<0.57	<0.35	<0.24	<0.30	<0.48	<0.55	<0.30	<0.47	<0.38	<0.21	<0.43	<0.20	<0.33
	RSAK3	6 - 7	7/02/2009	<0.28	<0.44	<0.21	<0.19	<0.21	<0.22	<0.31	<0.38	<0.33	<0.11	<0.17	<0.21	<0.14	<0.20	<0.17	<0.19	<0.18	<0.26	<0.19	<0.23
	RSAK5	2 - 3.5	6/02/2009	0.44 UJ	0.68 UJ	<0.33	<0.30	<0.33	<0.34	0.49 UJ	<0.58	<0.51	<0.16	<0.26	<0.32	<0.22	<0.31	<0.26	<0.30	<0.28	<0.40	<0.30	<0.36
	RSAK7	8.5 - 10	7/10/2008	<0.41	<0.70	<0.32	<0.40	<0.35	<0.23	<0.53	<0.57	<0.35	<0.24	<0.30	<0.48	<0.55	<0.30	<0.47	<0.38	<0.21	<0.43	<0.20	<0.33
			7/10/2008 (FD)	<0.41	<0.70	<0.32	<0.40	<0.35	<0.23	<0.53	<0.57	<0.35	<0.24	<0.30	<0.48	<0.55	<0.30	<0.47	<0.38	<0.21	<0.43	<0.20	<0.33
	SA-127	0.5 - 1.5	6/05/2009	<0.46	<0.71	<0.34	<0.31	<0.34	<0.35	<0.51	<0.61	<0.54	<0.17	<0.27	<0.33	<0.23	<0.32	<0.27	<0.31	<0.29	<0.42	<0.31	<0.38
		5 - 6.5	7/31/2009	<0.30	<0.46	<0.22	<0.20	<0.22	<0.23	<0.33	<0.40	0.35 UJ	<0.11	<0.18	<0.22	<0.15	<0.21	<0.18	<0.20	<0.19	<0.27	<0.20	<0.24
		10 - 11.5	7/31/2009	<0.30	<0.47	<0.23	<0.21	<0.23	<0.23	<0.33	<0.40	0.35 UJ	<0.11	<0.18	<0.22	<0.15	<0.21	<0.18	<0.21	<0.19	<0.27	<0.21	<0.25
	SA-202	3.5 - 5	6/25/2009	<0.29	<0.45	<0.22	<0.20	<0.22	<0.22	<0.32	<0.38	<0.34	<0.11	<0.17	<0.21	<0.15	<0.20	<0.17	<0.20	<0.18	<0.26	<0.20	<0.24
	SA-127 BERM	10 - 11.5	7/31/2009	<0.45	<0.49	<0.23	<0.21	<0.23	<0.28	<0.37	<0.49	0.37 UJ	<0.33	<0.25	<0.26	<0.22	<0.37	<0.28	<0.26	<0.23	<0.28	<0.24	<0.26
Phase 1 RI	RISB-39	0.5 - 1	11/21/2014	0.52 UJ	2.1 UJ	0.52 UJ	0.52 UJ	0.52 UJ	0.52 UJ	0.52 UJ	0.52 UJ	1.0 UJ	0.52 UJ	0.52 UJ	0.52 UJ	0.52 UJ	0.52 UJ	0.52 UJ	0.52 UJ	1.0 UJ	0.52 UJ	0.52 UJ	0.52 UJ
			12/02/2014	<0.48	<1.9	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	0.96 UJ	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	0.96 UJ	<0.48	<0.48	<0.48
		5 - 5.5	11/21/2014	0.53 UJ	2.1 UJ	0.53 UJ	0.53 UJ	0.53 UJ	0.53 UJ	0.53 UJ	0.53 UJ	1.1 UJ	0.53 UJ	0.53 UJ	0.53 UJ	0.53 UJ	0.53 UJ	0.53 UJ	0.53 UJ	1.1 UJ	0.53 UJ	0.53 UJ	0.53 UJ
			11/21/2014 (FD)	0.50 UJ	2.0 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.99 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.99 UJ	0.50 UJ	0.50 UJ	0.50 UJ
			12/02/2014	<0.52	<2.1	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	1.0 UJ	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	1.0 UJ	<0.52	<0.52	<0.52
			12/02/2014 (FD)	<0.49	<2.0	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	0.99 UJ	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	0.99 UJ	<0.49	<0.49	<0.49
	RISB-40	0.5 - 1	11/21/2014	0.97 UJ	3.9 UJ	0.97 UJ	0.97 UJ	0.97 UJ	0.97 UJ	0.97 UJ	0.97 UJ	1.9 UJ	0.97 UJ	0.97 UJ	0.97 UJ	0.97 UJ	0.97 UJ	0.97 UJ	0.97 UJ	1.9 UJ	0.97 UJ	0.97 UJ	0.97 UJ
			12/02/2014	<0.48	<1.9	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	0.96 UJ	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	0.96 UJ	<0.48	<0.48	<0.48
		5 - 5.5	11/21/2014	0.58 UJ	2.3 UJ	0.58 UJ	0.58 UJ	0.58 UJ	0.58 UJ	0.58 UJ	0.58 UJ	1.2 UJ	0.58 UJ	0.58 UJ	0.58 UJ	0.58 UJ	0.58 UJ	0.58 UJ	0.58 UJ	1.2 UJ	0.58 UJ	0.58 UJ	0.58 UJ
			12/02/2014	<0.51	<2.0	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	1.0 UJ	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	1.0 UJ	<0.51	<0.51	<0.51
	RISB-41	0.5 - 1	11/21/2014	0.55 UJ	2.2 UJ	0.55 UJ	0.55 UJ	0.55 UJ	0.55 UJ	0.55 UJ	0.55 UJ	1.1 UJ	0.55 UJ	0.55 UJ	0.55 UJ	0.55 UJ	0.55 UJ	0.55 UJ	0.55 UJ	1.1 UJ	0.55 UJ	0.55 UJ	0.55 UJ
			11/21/2014 (FD)	0.48 UJ	1.9 UJ	0.48 UJ	0.48 UJ	0.48 UJ	0.48 UJ	0.48 UJ	0.48 UJ	0.95 UJ	0.48 UJ	0.48 UJ	0.48 UJ	0.48 UJ	0.48 UJ	0.48 UJ	0.48 UJ	0.95 UJ	0.48 UJ	0.48 UJ	0.48 UJ
			12/02/2014	<0.51	<2.0	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	1.0 UJ	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	1.0 UJ	<0.51	<0.51	<0.51
			12/02/2014 (FD)	<0.48	<1.9	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	0.96 UJ	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	0.96 UJ	<0.48	<0.48	<0.48
		5 - 5.5	11/21/2014	0.56 UJ	2.2 UJ	0.56 UJ	0.56 UJ	0.56 UJ	0.56 UJ	0.56 UJ	0.56 UJ	1.1 UJ	0.56 UJ	0.56 UJ	0.56 UJ	0.56 UJ	0.56 UJ	0.56 UJ	0.56 UJ	1.1 UJ	0.56 UJ	0.56 UJ	0.56 UJ
			12/02/2014	<0.52	<2.1	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	1.0 UJ	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	1.0 UJ	<0.52	<0.52	<0.52
2019 Removal Action	DSPE-8	1.5 - 2	4/01/2019	<0.52	<2.1	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	1.0 UJ	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<1.0	<0.52	<0.52	<0.52

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-20d. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Diisopropyl ether	Ethyl benzene	Ethyl tert-butyl ether	Hexachlorobutadiene	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	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
			HSSL:	2,260,000	26,600	560,000	5,610	1,490,000	217,000	1,130,000	11,300	3,360,000	264,000	867,000	9,070	2,910	107,000	818,000	151,000	125,000	640,000	5,280	6,310
Phase A	SA-23	1 - 2.5	11/09/2006	<5.8	<5.8	<5.8	5.8 UJ	<12	5.8 UJ	5.8 UJ	5.8 UJ	<12	5.8 UJ	5.8 UJ	<5.8	<5.8	5.8 UJ	<5.8	5.8 UJ	5.8 UJ	5.8 UJ	<5.8	5.8 UJ
Phase B	RSAI4	0.5 - 2	7/24/2009	<0.18	<0.65	<0.18	<0.56	<0.52	<0.17	**0.60 J**	<0.67	<0.48	<0.29	<0.21	<0.18	<0.24	<0.37	<0.24	<0.53	<0.56	<0.16	<0.17	<0.30
		10 - 11.5	7/24/2009	<0.17	<0.62	<0.17	<0.53	<0.49	<0.16	**0.57 J**	<0.64	<0.46	<0.28	<0.20	<0.17	<0.23	<0.35	**0.26 J**	<0.51	<0.53	<0.15	<0.16	<0.28
	RSAI5	0.5 - 2	7/24/2009	<0.20	<0.71	<0.20	<0.61	<0.57	<0.18	**0.69 J**	<0.74	<0.53	<0.32	<0.23	<0.20	<0.26	<0.40	<0.26	<0.58	<0.61	<0.17	<0.19	<0.33
		10 - 11.5	7/24/2009	<0.17	<0.63	<0.17	<0.54	<0.50	<0.16	**0.51 J**	<0.65	<0.46	<0.28	<0.20	<0.17	<0.23	<0.35	<0.23	<0.51	<0.54	<0.15	<0.17	<0.29
			7/24/2009 (FD)	<0.22	<0.78	<0.22	<0.67	<0.63	<0.20	**0.38 J**	<0.81	<0.58	<0.35	<0.25	<0.22	<0.29	<0.44	<0.29	<0.64	<0.68	<0.19	<0.21	<0.36
	RSAI7	0 - 0.5	7/11/2008	0.31 UJ	0.37 UJ	0.24 UJ	0.60 UJ	0.72 UJ	0.19 UJ	0.71 UJ	1.1 UJ	0.95 UJ	0.36 UJ	0.16 UJ	0.44 UJ	0.51 UJ	0.24 UJ	0.30 UJ	1.1 UJ	0.94 UJ	0.60 UJ	0.22 UJ	**0.50 J-**
		9.5 - 11	7/11/2008	0.31 UJ	0.37 UJ	0.24 UJ	0.60 UJ	0.72 UJ	0.19 UJ	0.32 UJ	1.1 UJ	0.95 UJ	0.36 UJ	0.16 UJ	0.44 UJ	0.51 UJ	0.24 UJ	0.30 UJ	1.1 UJ	0.94 UJ	0.60 UJ	0.22 UJ	0.28 UJ
	RSAJ5	0.5 - 2	6/02/2009	<0.27	<0.97	<0.27	**1.1 J**	<0.78	<0.25	**0.61 J**	<1.1	<0.72	<0.43	<0.31	<0.27	<0.36	<0.54	<0.36	<0.80	**1.1 J**	<0.24	<0.26	<0.45
		10 - 11.5	7/15/2009	<0.18	<0.63	<0.18	**3.0 J**	<0.51	<0.16	<0.28	<0.66	<0.47	<0.28	<0.21	<0.18	<0.23	<0.36	<0.23	<0.52	**1.4 J**	<0.16	<0.17	<0.29
	RSAJ6	5 - 6	6/05/2009	<0.30	<1.1	<0.30	<0.92	<0.86	<0.27	**1.8 J**	<1.2	<0.79	<0.48	<0.35	<0.30	<0.39	<0.60	**0.74 J**	<0.88	<0.93	<0.26	<0.28	<0.49
	RSAJ7	0 - 1.5	7/09/2008	<0.31	<0.37	<0.24	<0.60	<0.72	<0.19	<0.32	<1.1	**1.6 J**	<0.36	<0.16	<0.44	<0.51	<0.24	**3.2 J**	<1.1	<0.94	<0.60	<0.22	<0.28
		9.5 - 11	7/09/2008	<0.31	<0.37	<0.24	<0.60	<0.72	<0.19	**0.51 J**	<1.1	**3.4 J**	<0.36	<0.16	<0.44	<0.51	<0.24	**3.6 J**	**1.8 J**	**2.0 J**	<0.60	<0.22	<0.28
	RSAK3	6 - 7	7/02/2009	<0.16	<0.56	<0.16	<0.48	<0.44	<0.14	**0.25 J**	<0.58	<0.41	<0.25	<0.18	<0.16	<0.21	<0.31	<0.21	<0.46	<0.48	<0.14	<0.15	<0.26
	RSAK5	2 - 3.5	6/02/2009	<0.24	<0.87	<0.24	0.74 UJ	<0.69	<0.22	**0.85 J**	0.90 UJ	<0.64	0.39 UJ	<0.28	<0.24	0.32 UJ	<0.49	**0.64 J**	0.71 UJ	0.75 UJ	<0.21	<0.23	<0.40
	RSAK7	8.5 - 10	7/10/2008	<0.31	<0.37	<0.24	<0.60	<0.72	<0.19	<0.32	<1.1	<0.95	<0.36	<0.16	<0.44	<0.51	<0.24	**0.68 J**	**3.2 J**	**1.4 J**	<0.60	<0.22	<0.28
			7/10/2008 (FD)	<0.31	<0.37	<0.24	<0.60	<0.72	<0.19	**0.30 J**	<1.1	**0.92 J**	<0.36	<0.16	<0.44	<0.51	<0.24	**1.6 J**	**4.8 J**	**2.4 J**	<0.60	<0.22	<0.28
	SA-127	0.5 - 1.5	6/05/2009	<0.25	<0.91	<0.25	<0.78	<0.72	<0.23	**1.3 J**	<0.94	<0.67	<0.41	<0.29	<0.25	<0.33	<0.51	**0.79 J**	<0.75	<0.79	<0.22	<0.24	<0.42
		5 - 6.5	7/31/2009	<0.16	<0.59	<0.16	<0.50	<0.47	<0.15	<0.26	<0.61	<0.44	<0.26	<0.19	<0.16	<0.22	<0.33	**0.58 J**	<0.48	<0.51	<0.14	<0.16	<0.27
		10 - 11.5	7/31/2009	<0.17	<0.59	<0.17	<0.51	<0.47	<0.15	<0.26	<0.61	<0.44	<0.27	<0.19	<0.17	<0.22	<0.33	**0.34 J**	<0.49	<0.51	<0.15	<0.16	<0.27
	SA-202	3.5 - 5	6/25/2009	<0.16	<0.57	<0.16	<0.48	<0.45	<0.15	**0.65 J**	<0.59	<0.42	<0.25	<0.18	<0.16	<0.21	<0.32	**0.35 J**	<0.47	**0.66 J**	<0.14	<0.15	<0.26
	SA-127 BERM	10 - 11.5	7/31/2009	<0.17	<0.62	<0.17	<0.53	<0.50	<0.22	<0.27	<0.64	<0.46	<0.36	<0.32	<0.20	<0.28	<0.35	**0.65 J**	<0.51	<0.62	<0.15	<0.41	<0.28
	RISB-39	0.5 - 1	11/21/2014	1.0 UJ	0.52 UJ	1.0 UJ	1.0 UJ	5.2 UJ	1.0 UJ	5.2 UJ	1.0 UJ	2.6 UJ	0.52 UJ	0.52 UJ	1.0 UJ	1.0 UJ	0.52 UJ	0.52 UJ	1.0 UJ	1.0 UJ	0.52 UJ	0.52 UJ	0.52 UJ
			12/02/2014	<0.96	<0.48	0.96 UJ	<0.96	<4.8	0.96 UJ	<4.8	<0.96	<2.4	<0.48	<0.48	<0.96	<0.96	<0.48	<0.48	<0.96	<0.96	<0.48	<0.48	<0.48
		5 - 5.5	11/21/2014	1.1 UJ	0.53 UJ	1.1 UJ	1.1 UJ	5.3 UJ	1.1 UJ	5.3 UJ	1.1 UJ	2.6 UJ	0.53 UJ	0.53 UJ	1.1 UJ	1.1 UJ	0.53 UJ	0.53 UJ	1.1 UJ	1.1 UJ	0.53 UJ	0.53 UJ	0.53 UJ
			11/21/2014 (FD)	0.99 UJ	0.50 UJ	0.99 UJ	0.99 UJ	5.0 UJ	0.99 UJ	5.0 UJ	0.99 UJ	2.5 UJ	0.50 UJ	0.50 UJ	0.99 UJ	0.99 UJ	0.50 UJ	0.50 UJ	0.99 UJ	0.99 UJ	0.50 UJ	0.50 UJ	0.50 UJ
			12/02/2014	<1.0	<0.52	1.0 UJ	<1.0	<5.2	1.0 UJ	<5.2	<1.0	<2.6	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<0.52
			12/02/2014 (FD)	<0.99	<0.49	0.99 UJ	<0.99	<4.9	0.99 UJ	<4.9	<0.99	<2.5	<0.49	<0.49	<0.99	<0.99	<0.49	<0.49	<0.99	<0.99	<0.49	<0.49	<0.49
	RISB-40	0.5 - 1	11/21/2014	1.9 UJ	0.97 UJ	1.9 UJ	1.9 UJ	9.7 UJ	1.9 UJ	9.7 UJ	1.9 UJ	4.8 UJ	0.97 UJ	0.97 UJ	1.9 UJ	1.9 UJ	0.97 UJ	0.97 UJ	1.9 UJ	1.9 UJ	0.97 UJ	0.97 UJ	0.97 UJ
			12/02/2014	<0.96	<0.48	0.96 UJ	<0.96	<4.8	0.96 UJ	<4.8	<0.96	<2.4	<0.48	<0.48	<0.96	<0.96	<0.48	<0.48	<0.96	<0.96	<0.48	<0.48	<0.48
		5 - 5.5	11/21/2014	1.2 UJ	0.58 UJ	1.2 UJ	1.2 UJ	5.8 UJ	1.2 UJ	5.8 UJ	1.2 UJ	2.9 UJ	0.58 UJ	0.58 UJ	1.2 UJ	1.2 UJ	0.58 UJ	0.58 UJ	1.2 UJ	1.2 UJ	0.58 UJ	0.58 UJ	0.58 UJ
			12/02/2014	<1.0	<0.51	1.0 UJ	<1.0	<5.1	1.0 UJ	<5.1	<1.0	<2.6	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<0.51
	RISB-41	0.5 - 1	11/21/2014	1.1 UJ	0.55 UJ	1.1 UJ	1.1 UJ	5.5 UJ	1.1 UJ	5.5 UJ	1.1 UJ	2.7 UJ	0.55 UJ	0.55 UJ	1.1 UJ	1.1 UJ	0.55 UJ	0.55 UJ	1.1 UJ	1.1 UJ	0.55 UJ	0.55 UJ	0.55 UJ
			11/21/2014 (FD)	0.95 UJ	0.48 UJ	0.95 UJ	0.95 UJ	4.8 UJ	0.95 UJ	4.8 UJ	0.95 UJ	2.4 UJ	0.48 UJ	0.48 UJ	0.95 UJ	0.95 UJ	0.48 UJ	0.48 UJ	0.95 UJ	0.95 UJ	0.48 UJ	0.48 UJ	0.48 UJ
			12/02/2014	<1.0	<0.51	1.0 UJ	<1.0	<5.1	1.0 UJ	<5.1	<1.0	<2.5	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<0.51
			12/02/2014 (FD)	<0.96	<0.48	0.96 UJ	<0.96	<4.8	0.96 UJ	<4.8	<0.96	<2.4	<0.48	<0.48	<0.96	<0.96	<0.48	<0.48	<0.96	<0.96	<0.48	<0.48	<0.48
		5 - 5.5	11/21/2014	1.1 UJ	0.56 UJ	1.1 UJ	1.1 UJ	5.6 UJ	1.1 UJ	5.6 UJ	1.1 UJ	2.8 UJ	0.56 UJ	0.56 UJ	1.1 UJ	1.1 UJ	0.56 UJ	0.56 UJ	1.1 UJ	1.1 UJ	0.56 UJ	0.56 UJ	0.56 UJ
			12/02/2014	<1.0	<0.52	1.0 UJ	<1.0	<5.2	1.0 UJ	<5.2	<1.0	<2.6	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<0.52
2019 Removal Action	DSPE-8	1.5 - 2	4/01/2019	<1.0	<0.52	<1.0	<1.0	<5.2	<1.0	<5.2	<1.0	<2.6	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<0.52

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-20d. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)								
				Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	Xylenes (total)	tert Butyl alcohol
			HSSL:	1,230,000	121	219,000	182,000	1,870	--	434,000	260,000	7,270,000
Phase A	SA-23	1 - 2.5	11/09/2006	5.8 UJ	<5.8	5.8 UJ	5.8 UJ	<5.8	--	--	12 UJ	5.8 UJ
Phase B	RSAI4	0.5 - 2	7/24/2009	<0.25	<0.39	<0.28	<0.22	<0.17	<0.47	<0.47	--	<5.2
		10 - 11.5	7/24/2009	<0.23	<0.37	<0.26	<0.21	<0.16	<0.44	<0.44	--	<4.9
	RSAI5	0.5 - 2	7/24/2009	<0.27	<0.43	<0.30	<0.24	<0.19	<0.51	<0.51	--	<5.7
		10 - 11.5	7/24/2009	<0.24	<0.38	<0.27	<0.21	<0.17	<0.45	<0.45	--	<5.0
			7/24/2009 (FD)	<0.30	<0.47	<0.33	<0.26	<0.21	<0.56	<0.56	--	<6.3
	RSAI7	0 - 0.5	7/11/2008	0.32 UJ	0.95 UJ	0.42 UJ	0.51 UJ	0.68 UJ	0.78 UJ	0.31 UJ	--	10 UJ
		9.5 - 11	7/11/2008	0.32 UJ	0.95 UJ	0.42 UJ	0.51 UJ	0.68 UJ	0.78 UJ	0.31 UJ	--	10 UJ
	RSAJ5	0.5 - 2	6/02/2009	<0.37	<0.59	<0.41	<0.32	<0.26	<0.70	<0.70	--	<7.8
		10 - 11.5	7/15/2009	<0.24	<0.38	<0.27	<0.21	<0.17	<0.46	<0.46	--	<5.1
	RSAJ6	5 - 6	6/05/2009	<0.41	<0.65	<0.45	<0.36	<0.28	<0.77	<0.77	--	<8.6
	RSAJ7	0 - 1.5	7/09/2008	<0.32	<0.95	<0.42	<0.51	<0.68	<0.78	<0.31	--	<10
		9.5 - 11	7/09/2008	<0.32	<0.95	<0.42	<0.51	<0.68	<0.78	<0.31	--	<10
	RSAK3	6 - 7	7/02/2009	<0.21	<0.34	<0.24	<0.19	<0.15	<0.40	<0.40	--	<4.4
	RSAK5	2 - 3.5	6/02/2009	<0.33	0.52 UJ	0.37 UJ	0.29 UJ	<0.23	<0.62	<0.62	--	<6.9
	RSAK7	8.5 - 10	7/10/2008	<0.32	<0.95	<0.42	<0.51	<0.68	<0.78	<0.31	--	<10
			7/10/2008 (FD)	<0.32	<0.95	<0.42	<0.51	<0.68	<0.78	<0.31	--	<10
	SA-127	0.5 - 1.5	6/05/2009	<0.34	<0.55	<0.39	<0.30	<0.24	<0.65	<0.65	--	<7.2
		5 - 6.5	7/31/2009	<0.22	<0.36	<0.25	<0.20	<0.16	<0.42	<0.42	--	<4.7
		10 - 11.5	7/31/2009	<0.23	<0.36	<0.25	<0.20	<0.16	<0.43	<0.43	--	<4.7
	SA-202	3.5 - 5	6/25/2009	<0.22	<0.34	<0.24	<0.19	<0.15	<0.41	<0.41	--	<4.5
	SA-127 BERM	10 - 11.5	7/31/2009	<0.23	<0.37	<0.44	<0.37	<0.33	<0.65	<0.44	--	<4.9
Phase 1 RI	RISB-39	0.5 - 1	11/21/2014	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	0.52 UJ	--	10 UJ
			12/02/2014	<0.96	0.96 UJ	<0.96	<0.96	<0.96	<0.96	<0.48	--	<9.6
		5 - 5.5	11/21/2014	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	0.53 UJ	--	11 UJ
			11/21/2014 (FD)	0.99 UJ	0.99 UJ	0.99 UJ	0.99 UJ	0.99 UJ	0.99 UJ	0.50 UJ	--	9.9 UJ
			12/02/2014	<1.0	1.0 UJ	<1.0	<1.0	<1.0	<1.0	<0.52	--	<10
			12/02/2014 (FD)	<0.99	0.99 UJ	<0.99	<0.99	<0.99	<0.99	<0.49	--	<9.9
	RISB-40	0.5 - 1	11/21/2014	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ	0.97 UJ	--	19 UJ
			12/02/2014	<0.96	0.96 UJ	<0.96	<0.96	<0.96	<0.96	<0.48	--	<9.6
		5 - 5.5	11/21/2014	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	0.58 UJ	--	12 UJ
			12/02/2014	<1.0	1.0 UJ	<1.0	<1.0	<1.0	<1.0	<0.51	--	<10
	RISB-41	0.5 - 1	11/21/2014	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	0.55 UJ	--	11 UJ
			11/21/2014 (FD)	0.95 UJ	0.95 UJ	0.95 UJ	0.95 UJ	0.95 UJ	0.95 UJ	0.48 UJ	--	9.5 UJ
			12/02/2014	<1.0	1.0 UJ	<1.0	<1.0	<1.0	<1.0	<0.51	--	<10
			12/02/2014 (FD)	<0.96	0.96 UJ	<0.96	<0.96	<0.96	<0.96	<0.48	--	<9.6
		5 - 5.5	11/21/2014	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	0.56 UJ	--	11 UJ
			12/02/2014	<1.0	1.0 UJ	<1.0	<1.0	<1.0	<1.0	<0.52	--	<10
2019 Removal Action	DSPE-8	1.5 - 2	4/01/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.52	--	<10

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-20e. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Acenaphthene	Acenaphthylene	Aniline	Anthracene	Benzidine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	Benzyl alcohol	4-Bromophenyl-phenyl ether	Butylbenzylphthalate	4-Chloroaniline	2-Chloronaphthalene	2-Chlorophenol	4-Chlorophenyl-phenyl ether	Chrysene	Di-n-butylphthalate
			HSSL:	118,000	44,000	619,000	4,260	15.3	9,980	3,500	35,000	25,100,000	350,000	100,000,000	91,200,000	--	1,860,000	17,600	175,000	6,490,000	--	3,500,000	91,200,000
Phase A	SA-23	1 - 2.5	11/09/2006	<380	<380	--	<380	--	<380	<380	<380	<380	<380	--	--	--	<380	--	--	--	--	<380	<380
Phase B	RSAI4	0.5 - 2	7/24/2009	<1.1	<0.75	--	<1.2	--	<0.58	<0.68	<1.2	<1.3	<0.84	--	--	--	<2.4	--	--	--	--	<0.99	**57 J**
		10 - 11.5	7/24/2009	<1.1	<0.79	--	<1.3	--	<0.61	<0.72	<1.2	<1.3	<0.88	--	--	--	<2.5	--	--	--	--	<1.1	**54 J**
	RSAI5	0.5 - 2	7/24/2009	<1.1	<0.77	--	<1.3	--	<0.59	<0.70	<1.2	<1.3	<0.86	--	--	--	<2.4	--	--	--	--	<1.1	**36 J**
		10 - 11.5	7/24/2009	<1.1	<0.79	--	<1.3	--	<0.61	<0.72	<1.2	<1.3	<0.88	--	--	--	<2.5	--	--	--	--	<1.1	<35
			7/24/2009 (FD)	<1.1	<0.79	--	<1.3	--	<0.62	<0.72	<1.2	<1.3	<0.89	--	--	--	<2.5	--	--	--	--	<1.1	<36
	RSAI7	0 - 0.5	7/11/2008	<1.19712	<1.34267	--	<1.345	--	<1.39066	<1.02964	<1.78613	<1.21686	<1.5734	--	--	--	<1.90026	--	--	--	--	<1.4038	<160.159
		0.5 - 1	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		1 - 1.5	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/10/2009 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9.5 - 11	7/11/2008	<1.19712	<1.34267	--	<1.345	--	<1.39066	<1.02964	<1.78613	<1.21686	<1.5734	--	--	--	<1.90026	--	--	--	--	<1.4038	<160.159
	RSAJ5	0.5 - 2	6/02/2009	<22	<17	--	<26	--	<13	<15	<25	<26	<18	--	--	--	<51	--	--	--	--	<22	<720
		1 - 1.5	12/09/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/09/2009 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		1.5 - 2	12/09/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		10 - 11.5	7/15/2009	<1.1	<0.79	--	<1.3	--	<0.61	<0.72	<1.2	<1.3	<0.88	--	--	--	<2.5	--	--	--	--	<1.1	<35
	RSAJ6	5 - 5.5	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5 - 6	6/05/2009	<11	<7.8	--	<13	--	**25 J**	<7.1	**39 J**	<13	**29 J**	--	--	--	<25	--	--	--	--	**90**	<350
		5.5 - 6	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6 - 6.5	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	RSAJ7	0 - 1.5	7/09/2008	<1.19712	<1.34267	--	<1.345	--	**33 J**	<1.02964	**37 J**	**33 J**	**27 J**	--	--	--	<1.90026	--	--	--	--	**72**	<160.159
		0.5 - 1	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		1 - 1.5	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9.5 - 11	7/09/2008	<1.19712	<1.34267	--	<1.345	--	<1.39066	<1.02964	<1.78613	<1.21686	<1.5734	--	--	--	<1.90026	--	--	--	--	<1.4038	<160.159
	RSAK3	6 - 7	7/02/2009	<1.1	<0.80	--	<1.3	--	<0.62	<0.73	<1.3	<1.3	<0.89	--	--	--	**3.7 J**	--	--	--	--	<1.1	**38 J**
	RSAK5	2 - 3.5	6/02/2009	<3.2	<2.4	--	<3.8	--	**8.6 J**	**9.7 J**	**11 J**	**7.5 J**	**7.5 J**	--	--	--	<7.4	--	--	--	--	**16 J**	<110
		2.5 - 3	12/09/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/09/2009 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3 - 3.5	12/09/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	RSAK7	8.5 - 10	7/10/2008	<1.19712	<1.34267	--	<1.345	--	<1.39066	<1.02964	<1.78613	<1.21686	<1.5734	--	--	--	<1.90026	--	--	--	--	<1.4038	<160.159
			7/10/2008 (FD)	<1.19712	<1.34267	--	<1.345	--	<1.39066	<1.02964	<1.78613	<1.21686	<1.5734	--	--	--	<1.90026	--	--	--	--	<1.4038	<160.159
	SA-127	0.5 - 1.5	6/05/2009	<1.1	<0.78	--	<1.3	--	<0.60	<0.71	<1.2	<1.3	<0.87	--	--	--	<2.5	--	--	--	--	<1.1	**96 J**
		1 - 1.5	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		1.5 - 2	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5 - 6.5	7/31/2009	<1.1	<0.77	--	<1.3	--	**1.4 J**	<0.70	**2.8 J**	<1.3	**1.8 J**	--	--	--	<2.5	--	--	--	--	**4.6 J**	<35
		10 - 11.5	7/31/2009	<1.1	<0.79	--	<1.3	--	<0.62	<0.72	<1.2	<1.3	<0.89	--	--	--	<2.5	--	--	--	--	<1.1	**60 J**
	SA-202	3.5 - 5	6/25/2009	<1.1	<0.79	--	<1.3	--	<0.62	<0.72	<1.2	<1.3	<0.89	--	--	--	**6.6 J**	--	--	--	--	<1.1	**43 J**
	SA-127 BERM	10 - 11.5	7/31/2009	<1.1	<0.78	--	<1.3	--	<0.60	<0.71	<1.2	<1.3	<0.87	--	--	--	<2.5	--	--	--	--	<1.1	<35
Pre-Excavation	RSAJ5	7 - 8	5/17/2010	<11	<18	--	<18	--	<22	<22	<28	<17	<43	--	--	--	<47	--	--	--	--	<29	<31
		8 - 9	5/17/2010	<11	<18	--	<18	--	<22	<22	<28	<17	<43	--	--	--	<46	--	--	--	--	<29	<31
		9 - 10	4/21/2010	<11	<18	--	<18	--	<22	<22	<28	<17	<43	--	--	--	<47	--	--	--	--	<29	<32
	RSAJ8	7.5 - 8	4/06/2010	<10	<16	--	<16	--	<19	<19	<25	<15	<39	--	--	--	<42	--	--	--	--	<26	<28
		8 - 9	4/06/2010	<11	<18	--	<18	--	<22	<22	<28	<17	<44	--	--	--	<47	--	--	--	--	<29	<32
		9 - 10	4/06/2010	<11	<18	--	<18	--	<22	<22	<28	<17	<43	--	--	--	<47	--	--	--	--	<29	<31
	RSAK7	4.5	4/06/2010	<11	<18	--	<18	--	<21	<21	<27	<17	<42	--	--	--	<45	--	--	--	--	**29 J**	<30
	SA-127	6 - 7	4/16/2010	<11	<18	--	<18	--	<22	<22	<28	<17	<43	--	--	--	<47	--	--	--	--	<29	<31
	SSAK7-02	9.5 - 10.5	5/19/2010	<12	<19	--	<19	--	<23	<23	**140 J**	<18	<46	--	--	--	<49	--	--	--	--	**40 J**	<33
2011 Removal Action	DS-DB-1	0	4/20/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			4/20/2011 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	EE-D10-1	0	6/07/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table A-20e. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Acenaphthene	Acenaphthylene	Aniline	Anthracene	Benzidine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	Benzyl alcohol	4-Bromophenyl-phenyl ether	Butylbenzylphthalate	4-Chloroaniline	2-Chloronaphthalene	2-Chlorophenol	4-Chlorophenyl-phenyl ether	Chrysene	Di-n-butylphthalate
			HSSL:	118,000	44,000	619,000	4,260	15.3	9,980	3,500	35,000	25,100,000	350,000	100,000,000	91,200,000	--	1,860,000	17,600	175,000	6,490,000	--	3,500,000	91,200,000
2011 Removal Action	EE-DB-1	0.5	6/07/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	EE-DB-2	0	6/07/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phase 1 RI	RISB-39	0.5 - 1	11/21/2014	<69	<73	<88	<83	680 UJ	<73	<69	<73	<110	<73	<350	<160	<78	<83	<140	<69	<73	<88	<78	<93
		5 - 5.5	11/21/2014	<72	<76	<92	<87	710 UJ	<76	<72	<76	<120	<76	<370	<160	<81	<87	<140	<72	<76	<92	<81	<97
			11/21/2014 (FD)	<73	<76	<92	<87	720 UJ	<76	<73	<76	<120	<76	<370	<160	<81	<87	<140	<73	<76	<92	<81	<98
	RISB-40	0.5 - 1	11/21/2014	<69	<72	<87	<82	680 UJ	<72	<69	<72	<110	<72	<350	<150	<77	<82	<140	<69	<72	<87	<77	<92
		5 - 5.5	11/21/2014	<74	<77	<93	<88	720 UJ	<77	<74	<77	<120	<77	<370	<160	<82	<88	<150	<74	<77	<93	<82	<99
	RISB-41	0.5 - 1	11/21/2014	<70	<73	<88	<83	690 UJ	<73	<70	<73	<110	<73	<350	<160	<78	<83	<140	<70	<73	<88	<78	<94
			11/21/2014 (FD)	<70	<73	<88	<83	680 UJ	<73	<70	<73	<110	<73	<350	<160	<78	<83	<140	<70	<73	<88	<78	<93
		5 - 5.5	11/21/2014	<73	<76	<93	<87	720 UJ	<76	<73	<76	<120	<76	<370	<160	<82	<87	<150	<73	<76	<93	<82	<98
2019 Removal Action	DSPE-8	1.5 - 2	4/01/2019	<140	<55	<150	<63	--	<55	<52	<55	<86	<55	<380	<430	<59	<63	<160	<52	<55	<210	<59	<71

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-20e. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Di-n-octylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	3,3'-Dichlorobenzidine	2,4-Dichlorophenol	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,4-Dioxane	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	1-Methylnaphthalene
			HSSL:	9,120,000	3,500	171,000	7,840	2,740,000	100,000,000	18,200,000	100,000,000	1,820,000	11,400	2,350	27,200	33,500,000	93,100	231	7,460	8,470	35,000	3,710,000	770
Phase A	SA-23	1 - 2.5	11/09/2006	<380	<380	--	--	--	<380	--	<380	--	--	--	<380	<380	<380	<380	--	--	<380	--	--
Phase B	RSAI4	0.5 - 2	7/24/2009	<1.1	<0.78	--	--	--	<120	--	<0.90	--	--	--	<5.0	<1.5	<0.70	<0.85	--	--	<0.90	--	--
		10 - 11.5	7/24/2009	<1.2	<0.82	--	--	--	<130	--	<0.95	--	--	--	<5.3	<1.5	<0.73	**11**	--	--	<0.94	--	--
	RSAI5	0.5 - 2	7/24/2009	1.2 UJ	<0.79	--	--	--	<130	--	<0.92	--	--	--	<5.1	<1.5	<0.71	**3.5 J**	--	--	<0.92	--	--
		10 - 11.5	7/24/2009	1.2 UJ	<0.82	--	--	--	<130	--	<0.95	--	--	--	<5.3	<1.5	<0.74	<0.89	--	--	<0.94	--	--
			7/24/2009 (FD)	1.2 UJ	<0.82	--	--	--	<130	--	<0.95	--	--	--	<5.3	<1.5	<0.74	<0.90	--	--	<0.95	--	--
	RSAI7	0 - 0.5	7/11/2008	<0.80807	<1.37408	--	--	--	<8.58299	--	<0.91269	--	--	--	<2.62796	<1.0669	<2.81445	**3.0 J**	--	--	<1.1823	--	--
		0.5 - 1	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.86	--	--	--	--	--
		1 - 1.5	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**9.2**	--	--	--	--	--
			12/10/2009 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**3.2 J**	--	--	--	--	--
		9.5 - 11	7/11/2008	<0.80807	<1.37408	--	--	--	<8.58299	--	<0.91269	--	--	--	<2.62796	<1.0669	<2.81445	<0.91088	--	--	<1.1823	--	--
	RSAJ5	0.5 - 2	6/02/2009	<24	<17	--	--	--	<2,600	--	<20	--	--	--	<110	<31	<15	**4,400**	--	--	<20	--	--
		1 - 1.5	12/09/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**5,500 J**	--	--	--	--	--
			12/09/2009 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**74,000 J**	--	--	--	--	--
		1.5 - 2	12/09/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**53,000**	--	--	--	--	--
		10 - 11.5	7/15/2009	<1.2	<0.82	--	--	--	<130	--	<0.94	--	--	--	<5.3	<1.5	<0.73	**160**	--	--	<0.94	--	--
	RSAJ6	5 - 5.5	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**23,000**	--	--	--	--	--
		5 - 6	6/05/2009	<12	<8.1	--	--	--	<1,300	--	<9.4	--	--	--	<52	**120**	<7.3	**99,000**	--	--	<9.3	--	--
		5.5 - 6	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**250,000**	--	--	--	--	--
		6 - 6.5	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**160,000**	--	--	--	--	--
	RSAJ7	0 - 1.5	7/09/2008	<0.80807	<1.37408	--	--	--	<8.58299	--	<0.91269	--	--	--	<2.62796	**60 J**	<2.81445	**36,000**	--	--	<1.1823	--	--
		0.5 - 1	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**130,000**	--	--	--	--	--
		1 - 1.5	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**31,000**	--	--	--	--	--
		9.5 - 11	7/09/2008	<0.80807	<1.37408	--	--	--	<8.58299	--	<0.91269	--	--	--	<2.62796	<1.0669	<2.81445	**370**	--	--	<1.1823	--	--
	RSAK3	6 - 7	7/02/2009	<1.2	<0.83	--	--	--	<130	--	<0.96	--	--	--	<5.3	<1.5	<0.74	**3.3 J**	--	--	<0.96	--	--
	RSAK5	2 - 3.5	6/02/2009	<3.4	<2.5	--	--	--	<380	--	<2.8	--	--	--	<16	**16 J**	<2.2	**7,400**	--	--	**6.5 J**	--	--
		2.5 - 3	12/09/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**5,500 J**	--	--	--	--	--
			12/09/2009 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2,100 J**	--	--	--	--	--
		3 - 3.5	12/09/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**40,000**	--	--	--	--	--
	RSAK7	8.5 - 10	7/10/2008	<0.80807	<1.37408	--	--	--	<8.58299	--	<0.91269	--	--	--	<2.62796	<1.0669	<2.81445	**5.6 J**	--	--	<1.1823	--	--
			7/10/2008 (FD)	<0.80807	<1.37408	--	--	--	<5.5	--	<0.91269	--	--	--	<2.62796	<1.0669	<2.81445	**12**	--	--	<1.1823	--	--
	SA-127	0.5 - 1.5	6/05/2009	<1.2	<0.81	--	--	--	<130	--	<0.93	--	--	--	<5.2	**1.8 J**	<0.72	**2,700**	--	--	<0.93	--	--
		1 - 1.5	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**300,000**	--	--	--	--	--
		1.5 - 2	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**3,400**	--	--	--	--	--
		5 - 6.5	7/31/2009	<1.2	<0.80	--	--	--	<130	--	<0.93	--	--	--	<5.2	**3.9 J**	<0.72	**1,000**	--	--	**1.4 J**	--	--
		10 - 11.5	7/31/2009	**1.8 J**	<0.82	--	--	--	<130	--	<0.95	--	--	--	<5.3	<1.5	<0.74	**120**	--	--	<0.95	--	--
	SA-202	3.5 - 5	6/25/2009	<1.2	<0.82	--	--	--	<130	--	<0.95	--	--	--	<5.3	<1.5	<0.74	**11**	--	--	<0.95	--	--
	SA-127 BERM	10 - 11.5	7/31/2009	<1.2	<0.81	--	--	--	<130	--	<0.93	--	--	--	<5.2	<1.5	<0.72	**490**	--	--	<0.93	--	--
Pre-Excavation	RSAJ5	7 - 8	5/17/2010	<16	<21	--	--	--	<28	--	<25	--	--	--	<71	<39	<19	<31	--	--	<24	--	--
		8 - 9	5/17/2010	<15	<20	--	--	--	<28	--	<25	--	--	--	<71	<39	<19	<31	--	--	<24	--	--
		9 - 10	4/21/2010	<16	<21	--	--	--	<28	--	<25	--	--	--	<72	<39	<20	**1,100**	--	--	<24	--	--
	RSAJ8	7.5 - 8	4/06/2010	<14	<18	--	--	--	<25	--	<22	--	--	--	<64	<35	<17	**5,300**	--	--	<21	--	--
		8 - 9	4/06/2010	<16	<21	--	--	--	<28	--	<25	--	--	--	<72	<39	<20	**5,800**	--	--	<24	--	--
		9 - 10	4/06/2010	<16	<21	--	--	--	<28	--	<25	--	--	--	<72	<39	<20	**2,900**	--	--	<24	--	--
	RSAK7	4.5	4/06/2010	<15	<20	--	--	--	<27	--	<24	--	--	--	<68	<37	<19	**12,000**	--	--	<23	--	--
	SA-127	6 - 7	4/16/2010	<16	<21	--	--	--	<28	--	<25	--	--	--	<72	<39	<20	**820**	--	--	<24	--	--
	SSAK7-02	9.5 - 10.5	5/19/2010	<16	<22	--	--	--	<30	--	**44 J**	--	--	--	<75	<41	<20	**29,000**	--	--	<25	--	--
2011 Removal Action	DS-DB-1	0	4/20/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1.1 J**
			4/20/2011 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.58
	EE-D10-1	0	6/07/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<120	--	--	--	--	--

Table A-20e. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Di-n-octylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	3,3'-Dichlorobenzidine	2,4-Dichlorophenol	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,4-Dioxane	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	1-Methylnaphthalene
			HSSL:	9,120,000	3,500	171,000	7,840	2,740,000	100,000,000	18,200,000	100,000,000	1,820,000	11,400	2,350	27,200	33,500,000	93,100	231	7,460	8,470	35,000	3,710,000	770
2011 Removal Action	EE-DB-1	0.5	6/07/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**130 J**	--	--	--	--	--
	EE-DB-2	0	6/07/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**280 J**	--	--	--	--	--
Phase 1 RI	RISB-39	0.5 - 1	11/21/2014	<93	<100	<69	<160	<69	<98	<130	<69	<340	<83	<98	--	<73	<73	<73	<140	<140	<130	<69	<160
		5 - 5.5	11/21/2014	<97	<110	<72	<160	<72	<100	<140	<72	<360	<87	<100	--	<76	<76	<76	<140	<140	<140	<72	<160
			11/21/2014 (FD)	<98	<110	<73	<160	<73	<100	<140	<73	<360	<87	<100	--	<76	<76	<76	<140	<140	<140	<73	<160
	RISB-40	0.5 - 1	11/21/2014	<92	<100	<69	<150	<69	<98	<130	<69	<340	<82	<98	--	<72	<72	**280 J**	<140	<140	<130	<69	<150
		5 - 5.5	11/21/2014	<99	<110	<74	<160	<74	<100	<140	<74	<360	<88	<100	--	<77	<77	<77	<150	<150	<140	<74	<160
	RISB-41	0.5 - 1	11/21/2014	<94	<100	<70	<160	<70	<99	<140	<70	<340	<83	<99	--	<73	<73	<73	<140	<140	<140	<70	<160
			11/21/2014 (FD)	<93	<100	<70	<160	<70	<99	<130	<70	<340	<83	<99	--	<73	<73	<73	<140	<140	<130	<70	<160
		5 - 5.5	11/21/2014	<98	<110	<73	<160	<73	<100	<140	<73	<360	<87	<100	--	<76	<76	<76	<150	<150	<140	<73	<160
2019 Removal Action	DSPE-8	1.5 - 2	4/01/2019	<71	<79	<150	<120	<52	<75	<100	<52	<790	<63	<75	--	<170	<55	<55	<330	<73	<100	<52	<120

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-20e. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				2-Methylnaphthalene	2-Methylphenol	3&4-Methylphenol	Naphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Nitrobenzene	2-Nitrophenol	4-Nitrophenol	n-Nitrosodiphenylamine	Octachlorostyrene	Pentachlorophenol	Phenanthrene	Phenol	Phthalic acid	Pyrene	Pyridine	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol
			HSSL:	368,000	45,600,000	16,000,000	11,300	8,840,000	--	176,000	22,500	--	7,290,000	720,000	--	8,450	24,500	100,000,000	100,000,000	44,000	1,300,000	91,200,000	321,000
Phase A	SA-23	1 - 2.5	11/09/2006	<380	--	--	<380	--	--	--	<380	--	--	--	<380	--	<380	--	--	<380	<1,900	--	--
Phase B	RSAI4	0.5 - 2	7/24/2009	<0.57	--	--	<0.85	--	--	--	<1.8	--	--	--	<3.6	--	<1.8	--	--	<0.99	<27	--	--
		10 - 11.5	7/24/2009	<0.60	--	--	<0.90	--	--	--	<1.9	--	--	--	**21**	--	<1.9	--	--	<1.1	<29	--	--
	RSAI5	0.5 - 2	7/24/2009	<0.58	--	--	<0.87	--	--	--	<1.9	--	--	--	<3.6	--	<1.9	--	--	<1.0	<28	--	--
		10 - 11.5	7/24/2009	<0.60	--	--	<0.90	--	--	--	<1.9	--	--	--	<3.7	--	<1.9	--	--	<1.1	<29	--	--
			7/24/2009 (FD)	<0.60	--	--	<0.90	--	--	--	<1.9	--	--	--	<3.8	--	<1.9	--	--	<1.1	<29	--	--
	RSAI7	0 - 0.5	7/11/2008	<2.23683	--	--	<1.17028	--	--	--	<1.22338	--	--	--	<1.96341	--	<1.4	--	--	<0.81337	<16.3531	--	--
		0.5 - 1	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		1 - 1.5	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/10/2009 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9.5 - 11	7/11/2008	<2.23683	--	--	<1.17028	--	--	--	<1.22338	--	--	--	<1.96341	--	<2.1	--	--	<0.81337	<16.3531	--	--
	RSAJ5	0.5 - 2	6/02/2009	<13	--	--	<19	--	--	--	<39	--	--	--	**1,300 J**	--	<39	--	--	<22	<580	--	--
		1 - 1.5	12/09/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/09/2009 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		1.5 - 2	12/09/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		10 - 11.5	7/15/2009	<0.60	--	--	<0.89	--	--	--	<1.9	--	--	--	**39**	--	<1.9	--	--	<1.1	<29	--	--
	RSAJ6	5 - 5.5	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5 - 6	6/05/2009	<5.9	--	--	<8.9	--	--	--	<19	--	--	--	**21,000 J**	--	<19	--	--	**72**	<280	--	--
		5.5 - 6	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6 - 6.5	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	RSAJ7	0 - 1.5	7/09/2008	<2.23683	--	--	<1.17028	--	--	--	<1.22338	--	--	--	**9,300**	--	<25	--	--	**73**	<16.3531	--	--
		0.5 - 1	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		1 - 1.5	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		9.5 - 11	7/09/2008	<2.23683	--	--	<1.17028	--	--	--	<1.22338	--	--	--	**58**	--	<1.09644	--	--	<0.81337	<16.3531	--	--
	RSAK3	6 - 7	7/02/2009	<0.61	--	--	<0.91	--	--	--	<1.9	--	--	--	<3.8	--	<2.0	--	--	<1.1	<29	--	--
	RSAK5	2 - 3.5	6/02/2009	<1.8	--	--	<2.7	--	--	--	<5.6	--	--	--	**1,700 J**	--	<5.6	--	--	**12 J**	<84	--	--
		2.5 - 3	12/09/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/09/2009 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3 - 3.5	12/09/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	RSAK7	8.5 - 10	7/10/2008	<2.23683	--	--	<1.17028	--	--	--	<1.22338	--	--	--	<1.96341	--	<1.5	--	--	<0.81337	<16.3531	--	--
			7/10/2008 (FD)	<2.23683	--	--	<1.17028	--	--	--	<1.22338	--	--	--	<1.96341	--	<1.7	--	--	<0.81337	<16.3531	--	--
	SA-127	0.5 - 1.5	6/05/2009	<0.59	--	--	**1.4 J**	--	--	--	<1.9	--	--	--	**150 J**	--	<1.9	--	--	**2.1 J**	<28	--	--
		1 - 1.5	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		1.5 - 2	12/10/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5 - 6.5	7/31/2009	<0.59	--	--	<0.88	--	--	--	<1.9	--	--	--	**400**	--	<1.9	--	--	**2.8 J**	<28	--	--
		10 - 11.5	7/31/2009	<0.60	--	--	<0.90	--	--	--	<1.9	--	--	--	**36**	--	**2.2 J**	--	--	<1.1	<29	--	--
	SA-202	3.5 - 5	6/25/2009	<0.61	--	--	<0.90	--	--	--	<1.9	--	--	--	<3.8	--	**2.9 J**	--	--	<1.1	<29	--	--
	SA-127 BERM	10 - 11.5	7/31/2009	<0.59	--	--	<0.88	--	--	--	<1.9	--	--	--	**95**	--	<1.9	--	--	<1.1	<28	--	--
Pre-Excavation	RSAJ5	7 - 8	5/17/2010	<21	--	--	<34	--	--	--	<24	--	--	--	<62	--	<18	--	--	<13	<140	--	--
		8 - 9	5/17/2010	<20	--	--	<33	--	--	--	<24	--	--	--	<61	--	<18	--	--	<13	<140	--	--
		9 - 10	4/21/2010	<21	--	--	<34	--	--	--	<24	--	--	--	**310 J**	--	<18	--	--	<13	<140	--	--
	RSAJ8	7.5 - 8	4/06/2010	<18	--	--	<30	--	--	--	<21	--	--	--	**1,500**	--	<16	--	--	**12 J**	<130	--	--
		8 - 9	4/06/2010	<21	--	--	<34	--	--	--	<24	--	--	--	**2,000**	--	<18	--	--	<13	<140	--	--
		9 - 10	4/06/2010	<21	--	--	<34	--	--	--	<24	--	--	--	**1,100**	--	<18	--	--	<13	<140	--	--
	RSAK7	4.5	4/06/2010	<20	--	--	<32	--	--	--	<23	--	--	--	**2,500**	--	<18	--	--	**16 J**	<130	--	--
	SA-127	6 - 7	4/16/2010	<21	--	--	<34	--	--	--	<24	--	--	--	**93 J**	--	<18	--	--	<13	<140	--	--
	SSAK7-02	9.5 - 10.5	5/19/2010	<22	--	--	<35	--	--	--	<25	--	--	--	**5,200**	--	<19	--	--	**25 J**	<150	--	--
2011 Removal Action	DS-DB-1	0	4/20/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			4/20/2011 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	EE-D10-1	0	6/07/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table A-20e. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				2-Methylnaphthalene	2-Methylphenol	3&4-Methylphenol	Naphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Nitrobenzene	2-Nitrophenol	4-Nitrophenol	n-Nitrosodiphenylamine	Octachlorostyrene	Pentachlorophenol	Phenanthrene	Phenol	Phthalic acid	Pyrene	Pyridine	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol
			HSSL:	368,000	45,600,000	16,000,000	11,300	8,840,000	--	176,000	22,500	--	7,290,000	720,000	--	8,450	24,500	100,000,000	100,000,000	44,000	1,300,000	91,200,000	321,000
2011 Removal Action	EE-DB-1	0.5	6/07/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	EE-DB-2	0	6/07/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phase 1 RI	RISB-39	0.5 - 1	11/21/2014	<73	<83	<140	<69	<69	<140	<140	<73	<140	<150	<83	<2,400	<350	<69	<93	<1,300	<83	<160	<130	<78
		5 - 5.5	11/21/2014	<76	<87	<140	<72	<72	<140	<140	<76	<140	<150	<87	<2,500	<370	<72	<97	<1,400	<87	<160	<140	<81
			11/21/2014 (FD)	<76	<87	<140	<73	<73	<140	<140	<76	<140	<150	<87	<2,500	<370	<73	<98	<1,400	<87	<160	<140	<81
	RISB-40	0.5 - 1	11/21/2014	<72	<82	<140	<69	<69	<140	<140	<72	<140	<140	<82	<2,400	<350	<69	<92	<1,300	<82	<150	<130	<77
		5 - 5.5	11/21/2014	<77	<88	<150	<74	<74	<150	<150	<77	<150	<150	<88	<2,500	<370	<74	<99	<1,400	<88	<160	<140	<82
	RISB-41	0.5 - 1	11/21/2014	<73	<83	<140	<70	<70	<140	<140	<73	<140	<150	<83	<2,400	<350	<70	<94	<1,300	<83	<160	<140	<78
			11/21/2014 (FD)	<73	<83	<140	<70	<70	<140	<140	<73	<140	<150	<83	<2,400	<350	<70	<93	<1,300	<83	<160	<130	<78
		5 - 5.5	11/21/2014	<76	<87	<150	<73	<73	<150	<150	<76	<150	<150	<87	<2,500	<370	<73	<98	<1,400	<87	<160	<140	<82
2019 Removal Action	DSPE-8	1.5 - 2	4/01/2019	<55	<63	<100	<52	<180	<100	<100	<55	<100	<520	<170	<130	<270	<160	<71	--	<100	<120	<210	<170

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-20e. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)				
				bis(2-Chloroethoxy) methane	bis(2-Chloroethyl) ether	bis(2-Ethylhexyl)phthalate	4-Chloro-3-methylphenol	n-Nitroso-di-n-propylamine
			HSSL:	2,740,000	1,150	252,000	91,200,000	504
Phase A	SA-23	1 - 2.5	11/09/2006	--	--	<380	--	--
Phase B	RSAI4	0.5 - 2	7/24/2009	--	--	<140	--	--
		10 - 11.5	7/24/2009	--	--	<140	--	--
	RSAI5	0.5 - 2	7/24/2009	--	--	<140	--	--
		10 - 11.5	7/24/2009	--	--	<140	--	--
			7/24/2009 (FD)	--	--	<140	--	--
	RSAI7	0 - 0.5	7/11/2008	--	--	<85.6071	--	--
		0.5 - 1	12/10/2009	--	--	--	--	--
		1 - 1.5	12/10/2009	--	--	--	--	--
			12/10/2009 (FD)	--	--	--	--	--
		9.5 - 11	7/11/2008	--	--	<85.6071	--	--
	RSAJ5	0.5 - 2	6/02/2009	--	--	<2,900	--	--
		1 - 1.5	12/09/2009	--	--	--	--	--
			12/09/2009 (FD)	--	--	--	--	--
		1.5 - 2	12/09/2009	--	--	--	--	--
		10 - 11.5	7/15/2009	--	--	<140	--	--
	RSAJ6	5 - 5.5	12/10/2009	--	--	--	--	--
		5 - 6	6/05/2009	--	--	<1,400	--	--
		5.5 - 6	12/10/2009	--	--	--	--	--
		6 - 6.5	12/10/2009	--	--	--	--	--
	RSAJ7	0 - 1.5	7/09/2008	--	--	<85.6071	--	--
		0.5 - 1	12/10/2009	--	--	--	--	--
		1 - 1.5	12/10/2009	--	--	--	--	--
		9.5 - 11	7/09/2008	--	--	**290 J**	--	--
	RSAK3	6 - 7	7/02/2009	--	--	<140	--	--
	RSAK5	2 - 3.5	6/02/2009	--	--	<410	--	--
		2.5 - 3	12/09/2009	--	--	--	--	--
			12/09/2009 (FD)	--	--	--	--	--
		3 - 3.5	12/09/2009	--	--	--	--	--
	RSAK7	8.5 - 10	7/10/2008	--	--	<85.6071	--	--
			7/10/2008 (FD)	--	--	<85.6071	--	--
	SA-127	0.5 - 1.5	6/05/2009	--	--	<140	--	--
		1 - 1.5	12/10/2009	--	--	--	--	--
		1.5 - 2	12/10/2009	--	--	--	--	--
		5 - 6.5	7/31/2009	--	--	<140	--	--
		10 - 11.5	7/31/2009	--	--	<140	--	--
	SA-202	3.5 - 5	6/25/2009	--	--	<140	--	--
	SA-127 BERM	10 - 11.5	7/31/2009	--	--	<140	--	--
Pre-Excavation	RSAJ5	7 - 8	5/17/2010	--	--	<50	--	--
		8 - 9	5/17/2010	--	--	<50	--	--
		9 - 10	4/21/2010	--	--	**75 J**	--	--
	RSAJ8	7.5 - 8	4/06/2010	--	--	**100 J**	--	--
		8 - 9	4/06/2010	--	--	**120 J**	--	--
		9 - 10	4/06/2010	--	--	**120 J**	--	--
	RSAK7	4.5	4/06/2010	--	--	**110 J**	--	--
	SA-127	6 - 7	4/16/2010	--	--	<50	--	--
	SSAK7-02	9.5 - 10.5	5/19/2010	--	--	**110 J**	--	--
2011 Removal Action	DS-DB-1	0	4/20/2011	--	--	--	--	--
			4/20/2011 (FD)	--	--	--	--	--
	EE-D10-1	0	6/07/2011	--	--	--	--	--

Table A-20e. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)				
				bis(2-Chloroethoxy) methane	bis(2-Chloroethyl) ether	bis(2-Ethylhexyl)phthalate	4-Chloro-3-methylphenol	n-Nitroso-di-n-propylamine
			HSSL:	2,740,000	1,150	252,000	91,200,000	504
2011 Removal Action	EE-DB-1	0.5	6/07/2011	--	--	--	--	--
	EE-DB-2	0	6/07/2011	--	--	--	--	--
Phase 1 RI	RISB-39	0.5 - 1	11/21/2014	<140	<73	<93	<73	<73
		5 - 5.5	11/21/2014	<140	<76	<97	<76	<76
			11/21/2014 (FD)	<140	<76	<98	<76	<76
	RISB-40	0.5 - 1	11/21/2014	<140	<72	<92	<72	<72
		5 - 5.5	11/21/2014	<150	<77	<99	<77	<77
	RISB-41	0.5 - 1	11/21/2014	<140	<73	<94	<73	<73
			11/21/2014 (FD)	<140	<73	<93	<73	<73
		5 - 5.5	11/21/2014	<150	<76	<98	<76	<76
2019 Removal Action	DSPE-8	1.5 - 2	4/01/2019	<100	<55	<71	<160	<55

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-20f. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
PAHs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PAHs (µg/kg)																
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
			HSSL:	118,000	44,000	4,260	9,980	3,500	35,000	25,100,000	350,000	3,500,000	3,500	33,500,000	93,100	35,000	368,000	11,300	24,500	44,000
2011 Removal Action	DS-DB-1	0	4/20/2011	<0.56	<0.39	<0.47	**0.79 J**	<0.48	**1.3 J**	<1.2	<0.91	**1.2 J**	<1.4	**2.2 J**	<0.58	<0.57	**1.3 J**	**1.9 J**	**2.6 J**	**1.7 J**
			4/20/2011 (FD)	<0.61	<0.43	<0.51	**1.6 J**	**1.5 J**	**2.7 J**	<1.3	**1.6 J**	**3.0 J**	<1.5	**3.1 J**	<0.63	**1.2 J**	<0.55	<0.40	**1.9 J**	**3.0 J**
Phase 1 RI	RISB-39	0.5 - 1	11/21/2014	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	--	<4.2	<4.2	<4.2
		5 - 5.5	11/21/2014	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	--	<4.3	<4.3	<4.3
			11/21/2014 (FD)	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	--	<4.4	<4.4	<4.4
	RISB-40	0.5 - 1	11/21/2014	<4.1	<4.1	<4.1	<4.1	<4.1	**4.4 J**	<4.1	<4.1	**4.5 J**	<4.1	**4.7 J**	<4.1	<4.1	--	<4.1	<4.1	<4.1
		5 - 5.5	11/21/2014	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	--	<4.4	<4.4	<4.4
	RISB-41	0.5 - 1	11/21/2014	<4.2	<4.2	<4.2	<4.2	<4.2	**5.3 J**	<4.2	<4.2	<4.2	<4.2	**4.2 J**	<4.2	<4.2	--	<4.2	<4.2	<4.2
			11/21/2014 (FD)	<4.1	<4.1	<4.1	<4.1	<4.1	4.1 UJ	<4.1	<4.1	<4.1	<4.1	4.1 UJ	<4.1	<4.1	--	<4.1	<4.1	<4.1
		5 - 5.5	11/21/2014	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	--	<4.4	<4.4	<4.4
2019 Removal Action	DSPE-8	1.5 - 2	4/01/2019	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	--	<4.2	<4.2	<4.2

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-20g. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
PCBs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PCBs (µg/kg)						
				Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260
			HSSL:	45,200	1,280	1,060	1,550	1,560	1,600	1,650
Phase A	SA-23	1 - 2.5	11/09/2006	<38	<38	<38	<38	<38	<38	<38
Phase 1 RI	RISB-39	0.5 - 1	11/21/2014	--	--	--	--	--	--	<18
		5 - 5.5	11/21/2014	--	--	--	--	--	--	<18
			11/21/2014 (FD)	--	--	--	--	--	--	<19
	RISB-40	0.5 - 1	11/21/2014	--	--	--	--	--	--	<17
		5 - 5.5	11/21/2014	--	--	--	--	--	--	<19
	RISB-41	0.5 - 1	11/21/2014	--	--	--	--	--	--	<18
			11/21/2014 (FD)	--	--	--	--	--	--	<18
		5 - 5.5	11/21/2014	--	--	--	--	--	--	<19
2019 Removal Action	DSPE-8	1.5 - 2	4/01/2019	<18	<18	<18	<18	<18	<18	<18

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-20h. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
Dioxins/Furans (pg/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Dioxins/Furans (pg/g)																	
				TCDD	PeCDD	1,4-HxCDD	1,6-HxCDD	1,9-HxCDD	1,4,6-HpCDD	OCDD	TCDF	1-PeCDF	4-PeCDF	1,4-HxCDF	1,6-HxCDF	1,9-HxCDF	4,6-HxCDF	1,4,6-HpCDF	1,4,9-HpCDF	OCDF	Total Dioxin/Furan TEQ (Calculated)
			HSSL:	26.7	--	--	--	581	--	--	--	--	--	--	--	--	--	--	--	--	2,700
Phase A	SA-23	1 - 2.5	11/09/2006	**5.753**	**28.207**	**18.367**	**51.669**	**55.546**	**208.977**	**213.695 J**	**199.366 J**	**457.566**	**199.983**	**756.882 J**	**489.535 J**	**71.553**	**266.934 J**	**1,955.868 J**	**845.761 J**	**5,039.988 J**	--
Phase B	RSAI4	0.5 - 2	7/24/2009	<0.0898	<0.186	<0.257	**0.561 JK**	**0.648 J**	**1.40 JK**	**3.20 J**	**1.60**	**1.98 J**	**0.956 J**	**5.04**	**3.12**	**0.683 JK**	**1.96 J**	**14.2**	**8.84 JK**	**52.5**	**1.97**
	RSAI5	0.5 - 2	7/24/2009	<0.0755	**0.760 JK**	**0.490 JK**	**1.27 J**	**1.32 J**	**3.79**	**5.40**	**4.96 JK**	**10.5**	**4.62**	**26.0**	**17.8**	**2.40 J**	**8.14**	**55.8**	**26.3 JK**	**152**	**9.61**
	RSAI7	0 - 0.5	7/11/2008	**755**	**1,700**	**1,800 J**	**3,820 J**	**4,130 J**	**15,200 J**	**22,700 J**	**5,860**	**21,900**	**10,600**	**103,000 J**	**65,900 J**	**11,900 J**	**14,900 J**	**222,000 J**	**142,000 J**	**730,000 J**	**31,440.81**
		0.5 - 1	12/10/2009	**0.28 J**	**0.68 J**	<0.42	**1.2**	**0.94 J**	**4.1 J**	**5.4**	**10 J**	**14**	**6.7 J**	**25**	**19 J**	**3.0**	**3.6 J**	**81 J**	**29 J**	**210**	**11**
		1 - 1.5	12/10/2009	**0.55 J**	**1.5 J**	**1.2**	**2.2**	**1.6 J**	**5.4 J**	**8.7**	**10 J**	**14**	**7.0 J**	**24**	**23 J**	**4.5**	**4.4 J**	**85 J**	**35 J**	**240 J+**	**12.6 J**
			12/10/2009 (FD)	**0.62**	**1.5 J**	**0.92**	**1.9**	**1.9 J**	**7.6 J**	**13**	**24**	**31**	**15 J**	**51**	**36 J**	**4.0**	**6.7 J**	**160 J**	**70 J**	**490**	**23 J**
	RSAJ5	0.5 - 2	6/02/2009	**118**	**389**	**251**	**602**	**675**	**1,450**	**1,860**	**1,700**	**2,870**	**1,230**	**10,400**	**6,130**	**439**	**1,570**	**17,100**	**7,600**	**52,900**	**3,416.73**
		1 - 1.5	12/09/2009	**4.9**	**21**	**14**	**44**	**31**	**80 J**	**110**	**150**	**320**	**140 J**	**470**	**300 J**	**60**	**62**	**1,100 J**	**460 J**	**3,800 J**	**210**
		1.5 - 2	12/09/2009	**1,100**	**3,400**	**2,200**	**4,700**	**5,100**	**21,000 J**	**19,000**	**28,000**	**53,000**	**27,000 J**	**100,000**	**72,000 J**	**10,000**	**18,000**	**220,000 J**	**81,000 J**	**640,000**	**42,000**
	RSAJ6	5 - 6	6/05/2009	**990**	**1,590**	**3,440**	**7,090**	**7,840**	**20,500**	**23,000**	**29,600**	**23,000**	**11,400**	**198,000**	**130,000**	**22,400**	**69,000**	**459,000**	**210,000**	**941,000**	**60,611.20**
		5.5 - 6	12/10/2009	**1,400 J**	**4,500 J**	**3,500**	**6,400**	**6,000 J**	**22,000 J**	**19,000**	**33,000 J**	**67,000**	**37,000 J**	**110,000**	**76,000 J**	**13,000**	**20,000 J**	**290,000 J**	**130,000 J**	**740,000**	**50,000**
		6 - 6.5	12/10/2009	**950 J**	**3,200 J**	**2,100**	**4,800**	**3,700 J**	**15,000 J**	**16,000**	**19,000 J**	**46,000**	**23,000 J**	**75,000**	**67,000 J**	**13,000**	**14,000 J**	**260,000 J**	**110,000 J**	**640,000**	**36,000**
	RSAJ7	0 - 1.5	7/09/2008	**1,020**	**2,790**	**2,020**	**4,040**	**4,430**	**15,200**	**14,600 J**	**27,400**	**51,200**	**24,000**	**123,000 J**	**76,000**	**12,800**	**9,340**	**220,000 J**	**91,200**	**725,000 J**	**41,934.88**
		0.5 - 1	12/10/2009	**1,100 J**	**3,900 J**	**3,300**	**6,700**	**4,600 J**	**24,000 J**	**29,000**	**33,000 J**	**73,000**	**37,000 J**	**120,000**	**120,000 J**	**25,000**	**27,000 J**	**440,000 J**	**190,000 J**	**1,400,000 J**	**59,000**
		1 - 1.5	12/10/2009	**860 J**	**3,200 J**	**2,100**	**4,600**	**2,900 J**	**21,000 J**	**21,000**	**23,000 J**	**61,000**	**32,000 J**	**110,000**	**98,000 J**	**20,000**	**21,000 J**	**420,000 J**	**170,000 J**	**910,000**	**50,000**
	RSAK5	2 - 3.5	6/02/2009	**208**	**327 JK**	**508**	**815**	**907**	**2,080**	**2,460**	**2,650**	**3,970 JK**	**1,740 JK**	**17,700**	**10,700**	**1,070**	**2,240**	**30,100**	**14,500**	**88,000**	**5,329.04**
		2.5 - 3	12/09/2009	**160**	**450**	**270**	**570**	**600**	**2,000 J**	**1,800**	**3,100**	**6,700**	**3,500 J**	**12,000**	**8,500 J**	**790**	**2,000**	**27,000 J**	**11,000 J**	**71,000**	**5,000 J**
			12/09/2009 (FD)	**41**	**150**	**110**	**220**	**200**	**810 J**	**820**	**1,000**	**2,500**	**1,200 J**	**6,400**	**4,200 J**	**540**	**780**	**13,000 J**	**5,100 J**	**37,000**	**2,200 J**
		3 - 3.5	12/09/2009	**880 J**	**3,100 J**	**2,200 J**	**4,200 J**	**4,500 J**	**13,000 J**	**13,000 J**	**19,000 J**	**42,000 J**	**22,000 J**	**87,000 J**	**56,000 J**	**13,000 J**	**11,000 J**	**190,000 J**	**82,000 J**	**460,000 J**	**35,000 J**
	SA-127	0.5 - 1.5	6/05/2009	**32.6**	**85.4**	**56.6**	**105**	**129**	**334**	**364**	**615**	**1,420**	**560**	**3,870**	**2,460**	**307**	**532**	**7,270**	**3,460**	**16,100**	**1,231.74**
		1 - 1.5	12/10/2009	**2,100 J**	**6,400 J**	**5,300**	**10,000**	**9,600 J**	**36,000 J**	**38,000**	**47,000 J**	**92,000**	**49,000 J**	**150,000**	**110,000 J**	**28,000**	**29,000 J**	**500,000 J**	**210,000 J**	**1,400,000**	**73,000**
		1.5 - 2	12/10/2009	**85**	**260 J**	**180**	**430**	**290 J**	**1,300 J**	**1,400**	**1,900**	**4,400**	**2,200 J**	**10,000**	**7,000 J**	**990**	**1,300 J**	**23,000 J**	**11,000 J**	**89,000 J**	**3,700**
Pre-Excavation	RSAJ5	7 - 8	5/17/2010	**25**	**93**	**63 J**	**140 J**	**110 J**	**470 J**	**480 J**	**610 J**	**1,400 J**	**740**	**3,100 J**	**1,700 J**	**410 J**	**520 J**	**6,500 J**	**3,600 J**	**21,000 J**	**1,200**
		8 - 9	5/17/2010	**5.5**	**19**	**14**	**29**	**27**	**99 J**	**96 J**	**140**	**320**	**160**	**740**	**400**	**78**	**110**	**1,400 J**	**770 J**	**4,000 J**	**260**
	RSAJ7	9.5 - 10.5	5/19/2010	**3.1**	**9.9**	**7.3**	**13**	**14**	**51 J**	**57 J**	**69**	**160**	**90**	**350**	**230**	**51**	**66**	**860 J**	**530 J**	**2,600 J**	**140**
	RSAK7	8.5 - 9.5	5/19/2010	**5.2**	**16**	**14**	**25**	**27**	**89**	**97 J+**	**120**	**280**	**160**	**690**	**420**	**96**	**130**	**1,700 J**	**870**	**4,500 J**	**260**
	SA-127	6 - 7	4/16/2010	**18**	**56**	**38**	**87**	**79**	**290**	**310**	**470 J**	**890**	**510**	**2,300 J**	**1,400 J**	**270**	**330**	**4,900 J**	**2,300 J**	**12,000 J**	**830**
	SSAK7-02	9.5 - 10.5	5/19/2010	**560**	**1,700**	**1,200**	**2,500**	**2,800**	**9,200**	**10,000**	**12,000 J**	**27,000**	**15,000**	**58,000 J**	**35,000**	**6,800**	**8,400**	**100,000 J**	**47,000**	**430,000 J**	**22,000**
2011 Removal Action	DS-DB-1	0	4/20/2011	**260 J**	**700 J**	**610 J**	**1,100 J**	**990 J**	**3,800 J**	**3,800 J**	**5,000 J**	**7,400 J**	**4,000 J**	**14,000 J**	**7,500 J**	**1,100 J**	**1,700 J**	**27,000 J**	**11,000 J**	**100,000 J**	--
			4/20/2011 (FD)	**35 J**	**170 J**	**99 J**	**350 J**	**350 J**	**1,100 J**	**1,000 J**	**400 J**	**1,100 J**	**650 J**	**1,800 J**	**1,100 J**	**110 J**	**290 J**	**3,200 J**	**830 J**	**12,000 J**	--
	EE-D10-1	0	6/07/2011	**16 J**	**95 J**	**56**	**180**	**150**	**680**	**890**	**230 J**	**610 J**	**410 J**	**1,000**	**750**	**98**	**270**	**3,000 J**	**880**	**14,000 J**	--
	EE-DB-1	0.5	6/07/2011	**28 J**	**140 J**	**80 J**	**220 J**	**190 J**	**780**	**990**	**550 J**	**1,300 J**	**830 J**	**2,400 J**	**1,700 J**	**300 J**	**430 J**	**6,500 J**	**2,400**	**26,000 J**	--
	EE-DB-2	0	6/07/2011	**35 J**	**210 J**	**120 J**	**420 J**	**320 J**	**1,500 J**	**1,700 J**	**590 J**	**1,600 J**	**1,100 J**	**2,800 J**	**2,100 J**	**300 J**	**650 J**	**7,300 J**	**2,400 J**	**28,000 J**	--
Phase 1 RI	RISB-39	0.5 - 1	11/21/2014	**48**	**190**	**160**	**380**	**370**	**1,600**	**1,700**	**1,400**	**3,100 J**	**1,500**	**7,900 J**	**4,500 J**	<370	**980**	**19,000 J**	**6,700 J**	**52,000 J**	**2,700**
		5 - 5.5	11/21/2014	**1.8**	**8.0**	**7.1**	**14**	**15 J**	**61**	**65**	**46**	**130**	**57**	**340 J**	**190**	20 UJ	**44**	**810**	**270**	**1,900**	**110**
			11/21/2014 (FD)	**1.6**	**6.2**	**4.7 J**	**11**	**7.6 J**	**42**	**53**	**65**	**100**	**50**	**200 J**	**140**	**16 J**	**37**	**530**	**180**	**1,300**	**82**
	RISB-40	0.5 - 1	11/21/2014	**48**	**190**	**150**	**340**	**340**	**1,500**	**1,800**	**1,600**	**3,200**	**1,500**	**7,400**	**4,400**	<510	**1,000**	**19,000 J**	**6,900**	**56,000 J**	**2,600**
		5 - 5.5	11/21/2014	**0.23 J**	**0.96 J**	**0.89 J**	**1.8 J**	**2.1 J**	**7.9**	**9.0 J**	**6.5**	**15**	**7.5**	**40**	**11**	<2.5	**4.8 J**	**100**	**35**	**260**	**12**
	RISB-41	0.5 - 1	11/21/2014	**2.1**	**9.3**	**7.9**	**18**	**18**	**75**	**84**	**63**	**170**	**76**	**410**	**240**	<26	**52**	**970**	**330**	**2,600**	**140**
			11/21/2014 (FD)	**2.0**	**8.3**	**7.4**	**17**	**17**	**65**	**72**	**57**	**150**	**68**	**390**	**230**	<24	**51**	**890**	**310**	**2,300**	**130**
		5 - 5.5	11/21/2014	<0.055	<0.11	<0.090	<0.074	<0.070	**0.38 J**	**1.1 J**	**0.33 J**	**0.35 J**	<0.17	**0.81 J**	**0.50 J**	<0.19	<0.17	**2.5 J**	**0.98 J**	**5.8 J**	**0.35**
2019 Removal Action	DSPE-8	1.5 - 2	4/01/2019	<0.44	**1.3 J**	**2.4 J**	**2.8 J**	**2.8 J**	**13 J**	**47 J**	**7.1 J**	**15 J**	**6.9 J**	**37 J**	**22 J**	**8.3 J**	**4.8 J**	**100**	**38 J**	**230**	**14**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pg/g: picograms per gram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-20i. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)																		
				Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	Chlordane (total)	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	2,4'-DDE	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor
			HSSL:	205	274,000	54,700	333,000	11,100	--	500,000	500,000	14,700	--	10,300	10,600	220	--	--	4,900,000	274,000	--	--	696
Phase A	SA-23	1 - 2.5	11/09/2006	<2.0	<2.0	<2.0	<2.0	<2.0	<12	<2.0	<2.0	<2.0	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Phase B	RSAI4	0.5 - 2	7/24/2009	<0.87	<0.87	**1.2 J**	<0.87	<0.87	<4.4	<0.87	<0.87	<1.8	--	<1.8	<1.8	<1.8	<0.87	<1.8	<1.8	<1.8	<1.8	<1.8	<0.87
		10 - 11.5	7/24/2009	<0.92	<0.92	**1.7 J**	<0.92	<0.92	<4.6	<0.92	<0.92	<1.9	--	<1.9	<1.9	<1.9	<0.92	<1.9	<1.9	<1.9	<1.9	<1.9	<0.92
	RSAI5	0.5 - 2	7/24/2009	<0.89	<0.89	**0.97 J**	<0.89	<0.89	<4.5	<0.89	<0.89	<1.8	--	<1.8	<1.8	<1.8	<0.89	<1.8	<1.8	<1.8	<1.8	<1.8	<0.89
		10 - 11.5	7/24/2009	<0.92	<0.92	<0.92	<0.92	<0.92	<4.6	<0.92	<0.92	<1.9	--	<1.9	<1.9	<1.9	<0.92	<1.9	<1.9	<1.9	<1.9	<1.9	<0.92
			7/24/2009 (FD)	<0.92	<0.92	<0.92	<0.92	<0.92	<4.6	<0.92	<0.92	<1.9	--	<1.9	<1.9	<1.9	<0.92	<1.9	<1.9	<1.9	<1.9	<1.9	<0.92
	RSAI7	0 - 0.5	7/11/2008	<0.070	<0.31	<0.25	<0.089	<0.12	<1.9	<0.15	<0.12	<0.19	--	<0.078	<0.17	<0.26	<0.10	<0.091	<0.090	<0.11	<0.83	<0.12	<0.088
		9.5 - 11	7/11/2008	<0.070	<0.31	<0.25	<0.089	<0.12	<1.9	<0.15	<0.12	<0.19	--	<0.078	<0.17	<0.26	<0.10	<0.091	<0.090	<0.11	<0.83	<0.12	<0.088
	RSAJ5	0.5 - 2	6/02/2009	<9.4	<9.4	**220**	<9.4	<9.4	<47	<9.4	<9.4	<19	--	<19	<19	<19	<9.4	<19	<19	<19	<19	<19	<9.4
		10 - 11.5	7/15/2009	<9.2	<9.2	<9.2	<9.2	<9.2	<46	<9.2	**27**	<19	--	<19	<19	<19	<9.2	<19	<19	<19	<19	<19	<9.2
	RSAJ6	5 - 5.5	12/10/2009	--	<46	**460 X**	--	<46	--	--	--	--	--	<91	<91	--	--	--	--	--	--	--	--
		5 - 6	6/05/2009	<9.1	**59**	<4,600	<9.1	<9.1	<45	<9.1	<9.1	<18	--	**320**	**480**	<18	<9.1	<18	<18	<18	<18	<18	<9.1
	RSAJ7	0 - 1.5	7/09/2008	<0.070	<0.31	<0.25	<0.089	<0.12	<1.9	<0.15	<0.12	<0.19	--	<0.078	<0.17	<0.26	<0.10	<0.091	<0.090	<0.11	<0.83	<0.12	<0.088
		9.5 - 11	7/09/2008	<0.070	<0.31	**17 J+**	<0.089	<0.12	<1.9	<0.15	**5.5 J+**	<0.19	--	<0.078	**5.7 J+**	<0.26	<0.10	<0.091	<0.090	<0.11	<0.83	<0.12	<0.088
	RSAK3	6 - 7	7/02/2009	<0.93	<0.93	<0.93	<0.93	<0.93	<4.6	<0.93	<0.93	<1.9	--	<1.9	<1.9	<1.9	<0.93	<1.9	<1.9	<1.9	<1.9	<1.9	<0.93
	RSAK5	2 - 3.5	6/02/2009	<9.1	<9.1	**110**	<9.1	<9.1	<45	<9.1	<9.1	<18	--	**60**	**71**	<18	<9.1	<18	<18	<18	<18	<18	<9.1
	RSAK7	8.5 - 10	7/10/2008	<0.070	<0.31	<0.25	<0.089	<0.12	<1.9	<0.15	<0.12	<0.19	--	<0.078	<0.17	<0.26	<0.10	<0.091	<0.090	<0.11	<0.83	<0.12	<0.088
			7/10/2008 (FD)	<0.070	<0.31	<0.25	<0.089	<0.12	<1.9	<0.15	<0.12	<0.19	--	<0.078	<0.17	<0.26	<0.10	<0.091	<0.090	<0.11	<0.83	<0.12	<0.088
2011 Removal Action	DS-DB-1	0	4/20/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			4/20/2011 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phase 1 RI	RISB-39	0.5 - 1	11/21/2014	<1.6	<1.6	**21 J**	<1.6	<1.6	--	<2.1	<1.6	<1.6	**9.3 J**	**15 J**	**9.9 J**	<1.6	<1.6	<1.6	<2.1	<1.6	<1.6	<2.1	<2.1
		5 - 5.5	11/21/2014	<1.6	<1.6	**4.3 J**	<1.6	<1.6	--	<2.2	<1.6	<1.6	**2.1 J**	**3.0 J**	<1.6	<1.6	<1.6	<1.6	<2.2	<1.6	<1.6	<2.2	<2.2
			11/21/2014 (FD)	<1.6	<1.6	**3.0 J**	<1.6	<1.6	--	<2.2	<1.6	<1.6	**1.6 J**	**2.4 J**	<1.6	<1.6	<1.6	<1.6	<2.2	<1.6	<1.6	<2.2	<2.2
	RISB-40	0.5 - 1	11/21/2014	<1.5	<1.5	**37 J**	<1.5	<1.5	--	<2.1	<1.5	<1.5	**33 J**	**71**	**45**	<1.5	<1.5	<1.5	<2.1	<1.5	<1.5	<2.1	<2.1
		5 - 5.5	11/21/2014	<1.7	<1.7	<1.7	<1.7	<1.7	--	<2.2	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<2.2	<1.7	<1.7	<2.2	<2.2
	RISB-41	0.5 - 1	11/21/2014	<1.6	<1.6	**3.4 J**	<1.6	<1.6	--	<2.1	<1.6	<1.6	**1.8 J**	**3.0 J**	<1.6	<1.6	<1.6	<1.6	<2.1	<1.6	<1.6	<2.1	<2.1
			11/21/2014 (FD)	<1.6	<1.6	**3.1 J**	<1.6	<1.6	--	<2.1	<1.6	<1.6	**1.9 J**	**2.7 J**	<1.6	<1.6	<1.6	<1.6	<2.1	<1.6	<1.6	<2.1	<2.1
		5 - 5.5	11/21/2014	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.2	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<2.2	<1.6	<1.6	<2.2	<2.2
2019 Removal Action	DSPE-8	1.5 - 2	4/01/2019	<1.6	<1.6	**6.4 J+**	<1.6	<1.6	--	<2.1	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<2.1	<1.6	<1.6	<2.1	<2.1

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-20i. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)			
				Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Toxaphene
			HSSL:	366	231	4,560,000	3,210
Phase A	SA-23	1 - 2.5	11/09/2006	<2.0	--	<3.8	<58
Phase B	RSAI4	0.5 - 2	7/24/2009	<0.87	**1.4 J**	<8.7	<18
		10 - 11.5	7/24/2009	<0.92	**6.0**	<9.1	<19
	RSAI5	0.5 - 2	7/24/2009	<0.89	**4.6**	<8.9	<18
		10 - 11.5	7/24/2009	<0.92	<0.92	<9.1	<19
			7/24/2009 (FD)	<0.92	<0.92	<9.2	<19
	RSAI7	0 - 0.5	7/11/2008	<0.11	**3.9 J**	<0.26	<9.7
		9.5 - 11	7/11/2008	<0.11	0.48 UJ	<0.26	<9.7
	RSAJ5	0.5 - 2	6/02/2009	<9.4	**4,600**	<93	<190
		10 - 11.5	7/15/2009	<9.2	**92**	<91	<190
	RSAJ6	5 - 5.5	12/10/2009	--	--	--	--
		5 - 6	6/05/2009	<9.1	**81,000**	<90	<180
	RSAJ7	0 - 1.5	7/09/2008	<0.11	**220,000 J**	<0.26	<9.7
		9.5 - 11	7/09/2008	<0.11	**500 J**	<0.26	<9.7
	RSAK3	6 - 7	7/02/2009	<0.93	**2.2**	<9.2	<19
	RSAK5	2 - 3.5	6/02/2009	<9.1	**6,800**	<90	<180
	RSAK7	8.5 - 10	7/10/2008	<0.11	**11 J**	<0.26	<9.7
			7/10/2008 (FD)	<0.11	**26 J**	<0.26	<9.7
2011 Removal Action	DS-DB-1	0	4/20/2011	--	**120**	--	--
			4/20/2011 (FD)	--	**11 J+**	--	--
Phase 1 RI	RISB-39	0.5 - 1	11/21/2014	<2.1	--	<1.6	<52
		5 - 5.5	11/21/2014	<2.2	--	<1.6	<54
			11/21/2014 (FD)	<2.2	--	1.6 UJ	<55
	RISB-40	0.5 - 1	11/21/2014	<2.1	--	<1.5	<51
		5 - 5.5	11/21/2014	<2.2	--	<1.7	<55
	RISB-41	0.5 - 1	11/21/2014	<2.1	--	<1.6	<52
			11/21/2014 (FD)	<2.1	--	<1.6	<52
		5 - 5.5	11/21/2014	<2.2	--	<1.6	<55
2019 Removal Action	DSPE-8	1.5 - 2	4/01/2019	<2.1	--	<1.6	<53

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-20j. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
Pesticides - OPPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OPPs (µg/kg)																		
				Chlorpyrifos	Coumaphos	Dasanit	Demeton-O	Demeton-S	Diazinon	Dichlorovos	Dimethoate	Disulfoton	EPN	Ethoprop	Famphur	Fenthion	Guthion	Malathion	Merphos	Methyl parathion	Mevinphos	Naled	Parathion
			HSSL:	912,000	--	--	--	--	638,000	12,200	2,010,000	36,500	9,120	--	--	--	2,740,000	18,200,000	1,030	228,000	--	1,290	5,470,000
Phase A	SA-23	1 - 2.5	11/09/2006	<23	<15	<15	<45	<17	<26	<27	<26	<56	15 UJ	<17	<15	<38	<15	<17	<35	<23	<17	38 UJ	21 UJ

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-20j. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
Pesticides - OPPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OPPs (µg/kg)							
				Phorate	Prothiophos	Ronnel	Stirophos	Sulfotepp	Sulprofos	Thionazin	Trichloronate
			HSSL:	182,000	--	26,800	147,000	456,000	--	--	--
Phase A	SA-23	1 - 2.5	11/09/2006	<23	<23	<21	<17	<23	<15	<21	<23

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-20k. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
Petroleum Indicators (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Petroleum Indicators (mg/kg)					
				Gasoline Range Organics	Diesel Range Organics	Petroleum Hydrocarbons	Diesel Range Organics	Petroleum Hydrocarbons	Extractable Fuel Hydrocarbons
			HSSL:	--	--	--	--	--	--
Phase B	RSAI4	0.5 - 2	7/24/2009	--	<41	<41	<41	<41	--
		10 - 11.5	7/24/2009	--	<43	<43	<43	<43	--
	RSAI5	0.5 - 2	7/24/2009	--	<42	<42	<42	<42	--
		10 - 11.5	7/24/2009	--	<44	<44	<44	<44	--
			7/24/2009 (FD)	--	<44	<44	<44	<44	--
	RSAI7	0 - 0.5	7/11/2008	--	<43	<43	<43	<43	--
		9.5 - 11	7/11/2008	--	<44	<44	<44	<44	--
	RSAJ5	0.5 - 2	6/02/2009	--	<44	<44	<44	<44	--
		10 - 11.5	7/15/2009	--	<43	<43	<43	<43	--
	RSAJ6	5 - 6	6/05/2009	--	**75**	<43	**75**	<43	--
	RSAJ7	0 - 1.5	7/09/2008	--	**150**	**53**	**150**	**53**	--
		9.5 - 11	7/09/2008	--	<45	<45	<45	<45	--
	RSAK3	6 - 7	7/02/2009	--	<44	<44	<44	<44	--
	RSAK5	2 - 3.5	6/02/2009	--	<43	<43	<43	<43	--
	RSAK7	8.5 - 10	7/10/2008	--	<44	<44	<44	<44	--
			7/10/2008 (FD)	--	<44	<44	<44	<44	--
	SA-127	0.5 - 1.5	6/05/2009	--	<43	<43	<43	<43	--
		5 - 6.5	7/31/2009	--	<43	<43	<43	<43	--
		10 - 11.5	7/31/2009	--	<44	<44	<44	<44	--
	SA-202	3.5 - 5	6/25/2009	--	<44	<44	<44	<44	--
	SA-127 BERM	10 - 11.5	7/31/2009	--	<43	<43	<43	<43	--
Phase 1 RI	RISB-39	0.5 - 1	11/21/2014	0.16 UJ	<2.6	**2.6 J**	<2.6	**2.6 J**	**4.5 J**
			12/02/2014	<0.15	--	--	--	--	--
		5 - 5.5	11/21/2014	0.16 UJ	<2.7	<2.7	<2.7	<2.7	<2.7
			11/21/2014 (FD)	0.16 UJ	<2.7	<2.7	<2.7	<2.7	<2.7
			12/02/2014	<0.15	--	--	--	--	--
			12/02/2014 (FD)	<0.16	--	--	--	--	--
	RISB-40	0.5 - 1	11/21/2014	0.16 UJ	**3.3 J**	<2.6	**3.3 J**	<2.6	**6.7**
			12/02/2014	<0.14	--	--	--	--	--
		5 - 5.5	11/21/2014	0.16 UJ	<2.8	<2.8	<2.8	<2.8	**2.8 J**
			12/02/2014	<0.16	--	--	--	--	--
	RISB-41	0.5 - 1	11/21/2014	0.16 UJ	<2.6	<2.6	<2.6	<2.6	**4.0 J**
			11/21/2014 (FD)	0.15 UJ	<2.6	<2.6	<2.6	<2.6	**3.6 J**
			12/02/2014	<0.15	--	--	--	--	--
			12/02/2014 (FD)	<0.15	--	--	--	--	--
		5 - 5.5	11/21/2014	0.17 UJ	<2.7	<2.7	<2.7	<2.7	**3.4 J**
			12/02/2014	<0.16	--	--	--	--	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-20m. SOIL ANALYTICAL RESULTS, ECA GROUP D3/D4
Asbestos (s/samp)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Asbestos (s/samp)								
				Long Amphibole Protocol Structures Count	Long Asbestos Protocol Structures Count	Long Chrysotile Protocol Structures Count	Short Amphibole Structures Counts	Short Asbestos Structures Counts	Short Chrysotile Structures Counts	Total Amphibole Protocol Structures Count	Total Asbestos Protocol Structures Count	Total Chrysotile Protocol Structures Count
			HSSL:	0	--	5	--	--	--	--	--	--
Phase B	RSAI4	0 - 0.5	6/11/2008	0	**1**	**1**	--	--	--	0	**1**	**1**
	RSAI5	0 - 0.5	6/11/2008	0	**1**	**1**	--	--	--	0	**1**	**1**
	RSAI7	0	6/17/2008	0	0	0	--	--	--	0	0	0
	RSAJ5	0	6/12/2008	0	**6**	**6**	--	--	--	0	**12**	**12**
	RSAJ6	4.5	6/17/2008	**1**	**3**	**2**	--	--	--	**1**	**5**	**4**
	RSAJ7	0	6/17/2008	0	0	0	--	--	--	0	0	0
	RSAK5	1.5	6/12/2008	**1**	**3**	**2**	--	--	--	**1**	**4**	**3**
	SA-127	0 - 0.5	9/16/2009	0	0	0	0	**1 J**	**1 J**	0	**1 J**	**1 J**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-21a. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)															
				Ammonia	Bicarbonate as HCO_3	Bromide	Carbonate as CO_3	Chlorate	Chloride	Chromium (total)	Chromium VI	Cyanide (total)	Hydroxide	Nitrate (as NO_3)	Nitrate Nitrite as N	Nitrite	Perchlorate	ortho-Phosphate	Sulfate
			HSSL:	27,900	--	--	--	38,900	--	100,000	564	164	--	100,000	--	120,000	908	--	--
Phase A	SA-19	0 - 1.5	11/16/2006	0.74 UJ	--	0.55 UJ	--	**18.4 J-**	**11.8 J-**	**10.3 J-**	<0.11	--	--	**270 J+**	--	**0.31 J-**	**217**	<11.0	**16.4 J+**
		9.5 - 11	11/16/2006	0.73 UJ	--	0.55 UJ	--	1.1 UJ	**6.1 J-**	**8.4 J-**	**9.0**	--	--	**22 J+**	--	**0.33 J-**	**67.7**	<1.1	**22.1 J+**
	SA-20	0 - 1.5	11/16/2006 (FD)	0.83 UJ	--	0.62 UJ	--	1.2 UJ	**4.8 J-**	**12.6 J-**	<0.12	--	--	<0.22	--	0.050 UJ	**0.158**	<1.2	**27.3 J+**
			11/16/2006	0.74 UJ	--	0.56 UJ	--	1.1 UJ	**1.5 J-**	**10.7 J-**	<0.11	--	--	**2.3 J+**	--	**0.95 J-**	**0.15**	1.1 UJ	**19.7 J+**
		9.5 - 11	11/16/2006	0.79 UJ	--	0.59 UJ	--	1.2 UJ	**3.4 J-**	**9.3 J-**	<0.12	--	--	**4.9 J+**	--	**0.30 J-**	**0.855**	<1.2	**325**
Phase B	SA-72	0.5 - 2	7/27/2009	**160 J+**	--	<0.2	**10 J**	**6.0**	**516 J+**	**8.61**	<0.19	<0.42	--	**360 J+**	--	**3.51**	**4,470**	--	**296 J+**
		10 - 11.5	7/27/2009	**3.4 J+**	--	**0.7 J**	**4 J**	<0.046	**487 J+**	**10**	<0.20	<0.5	--	**280 J+**	--	**0.92**	**1,320**	--	**875 J+**
	SA-167	1 - 2.5	8/19/2009	**0.34 J**	--	**0.7 J**	**5 J**	<0.041	**8.8 J**	**9.31**	<0.18	<0.42	--	**23 J**	--	**0.09 J**	**4.12 J+**	--	**33.4 J**
	SA-173	0.5 - 2	7/27/2009	<0.061	--	<0.2	**8 J**	**2.44 J**	**4.8 J+**	**8.67**	<0.18	<0.5	--	**4.6 J+**	--	<0.08	**3.01**	--	**16.2 J+**
			7/27/2009 (FD)	<0.061	--	<0.2	**5 J**	0.043 UJ	**2.2 J+**	**7.59**	<0.19	<0.5	--	**3.4 J+**	--	<0.08	**3.28**	--	**12.7 J+**
		10 - 11.5	7/27/2009	<0.061	--	<0.2	**7 J**	<0.044	**3.6 J+**	**7.17**	<0.19	<0.5	--	**4.3 J+**	--	<0.08	**0.973**	--	**108 J+**
	SA-179	0.5 - 2	7/28/2009	<0.097	--	<0.2	**3 J**	<0.045	**10.8 J+**	**9.18**	<0.20	<0.5	--	**270 J+**	--	<0.08	**46.8**	--	**96.1 J+**
		10 - 11.5	7/28/2009	<0.097	--	**1 J**	**17 J**	**0.069 J**	**14.7 J+**	**6.99**	<0.20	<0.5	--	**26 J+**	--	<0.08	**2,160**	--	**63.5 J+**
Pre-Excavation	SA-72	4 - 5	4/15/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**3,900**	--	--
		6 - 7	4/15/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**2,200**	--	--
		8 - 9	4/15/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**3,000**	--	--
	SA-179	3 - 4	6/23/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**22**	--	--
		5 - 6	6/23/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**370**	--	--
		7 - 8	6/23/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**110**	--	--
		9 - 10	6/23/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**130**	--	--
	SSAL5-05	2.5 - 3.5	4/16/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**880**	--	--
		3.5 - 4.5	5/17/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,100**	--	--
		4.5 - 5.5	4/16/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**290**	--	--
		6.5 - 7.5	4/16/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**360**	--	--
		8.5 - 9.5	4/16/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**210**	--	--
	SSAL6-01	0.5 - 1.5	5/18/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**40**	--	--
		4.5 - 5.5	5/18/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**8.8**	--	--
	SSAL6-02	1 - 2	5/18/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**5.7**	--	--
		5 - 6	5/18/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**9.8**	--	--
	SSAM5-01	2 - 3	4/15/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.9**	--	--
		4 - 5	4/15/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.7**	--	--
		6 - 7	4/15/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**3.1**	--	--
		8 - 9	4/15/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**8.2**	--	--
		10 - 11	4/15/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	**6.6**	--	--
Phase 1 RI	RISB-25	0.5 - 1	10/23/2014	--	--	--	--	**0.11 J**	--	**14**	--	--	--	--	--	--	**5.8**	--	--
		5 - 5.5	10/23/2014	--	--	--	--	**0.088 J**	--	**13**	--	--	--	--	--	--	**4.4**	--	--
		10 - 10.5	10/23/2014	--	--	--	--	**0.16 J**	--	**15**	--	--	--	--	--	--	**7.3**	--	--
Phase 2 RI	RIDB-8	1 - 1.5	2/22/2017	--	--	--	--	**24**	--	--	**0.47 J-**	--	--	**62**	**14**	<1.2	**19**	--	--
		5 - 5.5	2/22/2017	--	--	--	--	**170**	--	--	0.17 UJ	--	--	**43**	**9.7**	<1.2	**110**	--	--
		10 - 10.5	2/22/2017	--	--	--	--	**140**	--	--	0.17 UJ	--	--	**40**	**9.1**	<1.2	**110**	--	--
	RIDB-34	1 - 1.5	12/12/2018	--	--	--	--	**2.2 J+**	--	**21**	<0.16	--	--	**490**	**110**	<1.2	**93**	--	--
		5 - 5.5	12/12/2018	--	--	--	--	**0.17 J**	--	**21**	<0.17	--	--	**710**	**220**	**64**	**80**	--	--
		10 - 10.5	12/13/2018	--	--	--	--	**1.3 J+**	--	**11**	<0.16	--	--	**55 J+**	**39 J+**	**27**	**410**	--	--
	RIDB-35	1 - 1.5	12/12/2018	--	--	--	--	**0.12 J+**	--	**12**	<0.16	--	--	**20**	**4.6**	<1.2	**5.0**	--	--
		5 - 5.5	12/12/2018	--	--	--	--	**0.078 J+**	--	**16**	<0.16	--	--	**31**	**7.0**	<1.2	**5.3**	--	--
		10 - 10.5	12/12/2018	--	--	--	--	**5.1 J+**	--	**16**	<0.17	--	--	**17**	**3.9**	<1.2	**3.5**	--	--
	RIDB-36	1 - 1.5	12/13/2018	--	--	--	--	<0.021	--	**9.4**	<0.16	--	--	**42 J+**	**9.4 J+**	<1.1	**21**	--	--
		5 - 5.5	12/13/2018	--	--	--	--	**0.067 J+**	--	**10**	<0.16	--	--	**31 J+**	**6.9 J+**	<1.2	**8.2**	--	--
		10 - 10.5	12/13/2018	--	--	--	--	**1.4 J+**	--	**14**	<0.17	--	--	**32 J+**	**7.3 J+**	<1.2	**460**	--	--
	RISB-01	0.5 - 1	12/18/2018	**42**	**32,000**	<3.8	**320**	**28**	**1,400 J+**	**16**	<0.16	--	<180	**240**	**54**	<1.2	**800**	**40 J-**	**680**

Table A-21a. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
General Chemistry and Chromium (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	General Chemistry and Chromium (mg/kg)															
				Ammonia	Bicarbonate as HCO_3	Bromide	Carbonate as CO_3	Chlorate	Chloride	Chromium (total)	Chromium VI	Cyanide (total)	Hydroxide	Nitrate (as NO_3)	Nitrate Nitrite as N	Nitrite	Perchlorate	ortho-Phosphate	Sulfate
			HSSL:	27,900	--	--	--	38,900	--	100,000	564	164	--	100,000	--	120,000	908	--	--
Phase 2 RI	RISB-01	5 - 5.5	12/18/2018	**15**	**29,000**	<3.7	<320	**9.0**	**300 J+**	**17**	<0.16	--	<180	**43**	**9.7**	<1.2	**93**	**11 J-**	**150**
		10 - 10.5	12/18/2018	**11 J**	**2,100**	<3.9	<330	**1.9**	**670 J+**	**16**	<0.16	--	<180	**8.2**	**1.9**	<1.2	**6.0**	4.4 UJ	**280**
	RISB-02	0.5 - 1	12/18/2018	**5.9 J**	**2,200**	<3.6	<310	**0.044 J**	**65 J+**	**7.0**	<0.15	--	<170	**26**	**5.9**	<1.1	**0.33**	4.1 UJ	**47**
		5 - 5.5	12/18/2018	**6.1 J**	**14,000**	<3.7	**630**	**1.0**	**110 J+**	**17**	<0.16	--	<180	**35**	**7.8**	<1.2	**17**	4.2 UJ	**310**
		10 - 10.5	12/18/2018	**6.1 J**	**48,000**	**3.8 J**	**650**	**3.8**	**470 J+**	**15**	<0.17	--	<180	**27**	**6.1**	<1.2	**51**	**5.0 J-**	**320**
			12/18/2018 (FD)	**6.3 J**	**50,000**	<3.8	**650**	**3.8**	**450 J+**	**15**	<0.16	--	<190	**27**	**6.2**	<1.2	**52**	**5.2 J-**	**310**
	RISB-03	0.5 - 1	12/18/2018	**6.3 J**	**6,700**	<3.6	**300**	**6.1**	**150 J+**	**9.4**	<0.15	--	<170	**66**	**15**	<1.1	**71**	**6.0 J-**	**180**
		5 - 5.5	12/18/2018	**6.7 J**	**15,000**	<3.6	**620**	**37**	**310 J+**	**16**	<0.16	--	<180	**100**	**23**	<1.1	**78**	**44 J-**	**130**
		10 - 10.5	12/18/2018	**5.9 J**	**36,000**	**4.2 J**	**330**	**13**	**480 J+**	**15**	<0.17	--	<190	**44**	**10**	<1.2	**58**	**18 J-**	**370**
	RISB-04	0.5 - 1	12/18/2018	**16**	**5,300**	<3.7	**310**	**0.039 J**	**28**	**9.7**	<0.16	--	<180	**15**	**3.3**	<1.1	**0.86**	--	**66**
		5 - 5.5	12/18/2018	**14**	**4,500**	<3.7	**630**	**0.32**	**68**	**13**	<0.16	--	<180	**49**	**11**	<1.2	**13**	--	**110**
		10 - 10.5	12/18/2018	**15**	**90,000**	<3.9	**330**	**4.3**	**700**	**12**	<0.17	--	<190	**11**	**2.4**	<1.2	**8.3**	--	**7,600**
	RISB-05	0.5 - 1	12/18/2018	**16**	**1,300 J+**	<3.6	**930**	**0.43**	**61 J**	**7.8**	<0.16	--	<180	**34**	**7.7**	<1.1	**15 J**	--	**150 J**
			12/18/2018 (FD)	**15**	**1,300 J+**	<3.6	**930**	**0.43**	**27 J**	**9.7**	<0.15	--	<180	**25**	**5.6**	<1.1	**5.4 J**	--	**75 J**
		5 - 5.5	12/18/2018	**34**	**2,500 J+**	<3.7	**630**	**0.16 J+**	**32**	**17**	<0.16	--	<180	**26**	**5.8**	<1.1	**14**	--	**61**
		10 - 10.5	12/18/2018	**2,300**	**69,000**	<3.8	**330**	**23**	**5,000**	**13**	<0.16	--	<180	**16**	**3.6**	<1.2	**13,000**	**32 J**	**950**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-21b. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)																		
				Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Niobium	Phosphorus (total)	Platinum
			HSSL:	100,000	3,450	7.2	100,000	6,130	100,000	8,180	--	385	51,900	100,000	800	100,000	100,000	3.13	6,490	50,300	130	100,000	5,190
Phase A	SA-19	0 - 1.5	11/16/2006	**7,090**	**0.17 J-**	**2.2**	**150 J**	**0.46**	**2.8 J-**	**0.094**	**15,000**	**6.2 J-**	**12.4 J-**	**11,800**	**9.0**	**6,680 J-**	**275**	<0.010	**0.45 J**	**12.7 J-**	--	--	**0.013 J**
		9.5 - 11	11/16/2006	**6,620**	**0.15 J-**	**3.9**	**145 J**	**0.44**	**4.1 J-**	**0.065**	**25,900**	**5.0 J-**	**10.7 J-**	**9,700**	**6.8**	**9,230 J-**	**180**	0.0073 UJ	**0.41 J**	**11.0 J-**	--	--	**0.013 J**
	SA-20	0 - 1.5	11/16/2006 (FD)	**9,460**	**0.23 J-**	**3.1**	**221**	**0.62**	**7.7 J**	**0.12**	**21,900**	**8.2**	**14.1 J-**	**14,300**	**11.9**	**8,460 J-**	**396**	<0.028	**0.61 J**	**15.6 J-**	--	--	**0.019 J**
			11/16/2006	**8,090**	**0.19 J-**	**2.7**	**176**	**0.53**	**4.7 J**	**0.091**	**16,600**	**6.5**	**12.0 J-**	**12,100**	**9.7**	**7,500 J-**	**304**	<0.00668	**0.47 J**	**13.4 J-**	--	--	**0.014 J**
		9.5 - 11	11/16/2006	**7,230**	**0.16 J-**	**2.3**	**149 J**	**0.49**	**5.5 J-**	**0.091**	**14,900**	**6.1 J-**	**11.6 J-**	**10,300**	**8.2**	**6,390 J-**	**334**	0.0079 UJ	**0.40 J**	**11.5 J-**	--	--	<0.012
Phase B	SA-72	0.5 - 2	7/27/2009	**7,890**	0.5 UJ	**2.15**	**185**	**0.508**	**4 J**	**0.06 J**	**19,100 J**	**7.3**	**17**	**16,100**	**9.3**	**7,710**	**418 J**	**0.021**	**0.53**	**15.8**	--	**957**	**0.011 J**
		10 - 11.5	7/27/2009	**9,340**	0.6 UJ	**5.7**	**190**	**0.457**	**8 J**	**0.07 J**	**51,600 J**	**7.5**	**15.8**	**14,500**	**7.8**	**16,000**	**303 J**	**0.009 J**	**0.51**	**14**	--	**657**	**0.011 J**
	SA-167	1 - 2.5	8/19/2009	**7,670**	0.5 UJ	**2.38**	**167 J**	**0.505 J**	**4 J**	<0.04	**15,600**	**8.1**	**23.9**	**15,900 J**	**15.4**	**9,100 J**	**655 J**	**0.014 J**	**0.87**	**17.7 J**	--	**1,000**	**0.043 J**
	SA-173	0.5 - 2	7/27/2009	**9,000**	0.5 UJ	**2.72**	**202**	**0.504**	**5.1 J**	**0.11**	**23,700 J**	**8**	**18.5**	**17,500**	**20.1**	**8,990**	**597 J**	**0.015 J**	**0.48**	**16.3**	--	**641**	**0.01 J**
			7/27/2009 (FD)	**8,380**	0.5 UJ	**2.34**	**179**	**0.46**	**4.7 J**	**0.12**	**31,800 J**	**7.7**	**18.9**	**17,300**	**14.6**	**8,610**	**396 J**	**0.021**	**0.46**	**16**	--	**698**	**0.01 J**
		10 - 11.5	7/27/2009	**7,070**	**0.6 J**	**6.06**	**150**	**0.369**	**7.3 J**	**0.06 J**	**62,400 J**	**5.1**	**16.9**	**12,000**	**6.9**	**12,600**	**237 J**	**0.007 J**	**0.43**	**12.5**	--	**634**	**0.009 J**
	SA-179	0.5 - 2	7/28/2009	**8,330**	0.6 UJ	**2.64**	**185**	**0.548**	**4.7 J**	<0.04	**27,400 J**	**7.5**	**64**	**15,800**	**14.3**	**8,170**	**346 J**	**0.017 J**	**0.49**	**15.3**	--	**670**	**0.01 J**
		10 - 11.5	7/28/2009	**6,330**	0.6 UJ	**6**	**146**	**0.374**	**7.9 J**	**0.04 J**	**69,600 J**	**4.2**	**14**	**9,580**	**5.5**	**11,700**	**190 J**	**0.007 J**	**0.24 J**	**10.8**	--	**568**	**0.009 J**
Pre-Excavation	BDT-2-N-10	0 - 0.5	8/25/2010	--	--	**3.4**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			8/25/2010 (FD)	--	--	**3.2**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		1.5 - 2.5	8/25/2010	--	--	**3.7**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3.5 - 4.5	8/25/2010	--	--	**4.6**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5.5 - 6.5	8/25/2010	--	--	**6.4**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		7.5 - 8.5	8/25/2010	--	--	**6.8**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	BDT-2-N-15	0	8/25/2010	--	--	**3.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 1.5	8/25/2010	--	--	**3.2**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2.5 - 3.5	8/25/2010	--	--	**4.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		4.5 - 5.5	8/25/2010	--	--	**4.6**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6.5 - 7.5	8/25/2010	--	--	**5.3**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8.5 - 9.5	8/25/2010	--	--	**7.4**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	BDT-2-N-20	0 - 1	8/25/2010	--	--	**3.0**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2 - 3	8/25/2010	--	--	**3.0**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		4 - 5	8/25/2010	--	--	**3.2**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6 - 7	8/25/2010	--	--	**3.9**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8 - 9	8/25/2010	--	--	**4.6**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			8/25/2010 (FD)	--	--	**4.2**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		10 - 11	8/25/2010	--	--	**6.2**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phase 1 RI	RISB-25	0.5 - 1	10/23/2014	**8,500**	0.53 UJ	**2.0**	**200 J-**	--	**6.3**	<0.26	--	**8.6**	**19**	**17,000**	**11**	**8,500**	**600**	**0.031**	<1.1	**19**	--	--	--
		5 - 5.5	10/23/2014	**9,400**	0.55 UJ	**3.8**	**200 J-**	--	**7.4**	<0.27	--	**7.9**	**16**	**15,000**	**9.4**	**9,200**	**360**	**0.038**	<1.1	**16**	--	--	--
		10 - 10.5	10/23/2014	**10,000**	0.54 UJ	**6.9**	**160 J-**	--	**12**	<0.54	--	**6.8**	**16**	**15,000**	**7.7**	**13,000**	**270**	**0.030**	<2.2	**14**	--	--	--
Phase 2 RI	RIDB-8	1 - 1.5	2/22/2017	--	0.51 UJ	**4.2**	**170 J-**	--	**9.5**	<0.26	--	**6.5**	**21**	**18,000**	**19**	**9,100**	**710**	<0.013	<1.1	**15**	<3.1	**1,100**	--
		5 - 5.5	2/22/2017	--	0.53 UJ	**3.7**	**200 J-**	--	**10**	<0.27	--	**5.8**	**17**	**17,000**	**7.8**	**13,000**	**370**	**0.015 J**	<1.1	**15**	<3.2	**750**	--
		10 - 10.5	2/22/2017	--	0.46 UJ	**8.0**	**210 J-**	--	**10**	<0.28	--	**6.0**	**16**	**17,000**	**7.6**	**13,000**	**360**	<0.013	<1.1	**14**	<2.8	**800**	--
	RIDB-34	1 - 1.5	12/12/2018	--	<0.53	**5.2**	**190 J**	--	**4.5 J**	<0.27	--	**9.1**	**25**	**21,000**	**10**	**8,600**	**450 J**	<0.013	<1.1	**18**	<3.2	**960**	--
		5 - 5.5	12/12/2018	--	<0.53	**5.0**	**150 J**	--	**5.4 J**	<0.28	--	**7.7**	**18**	**17,000**	**7.9**	**11,000**	**330 J**	<0.013	<1.1	**18**	<3.2	**850**	--
		10 - 10.5	12/13/2018	--	<0.51	**9.3**	**140 J+**	--	**7.7**	<0.26	--	**5.3**	**13**	**13,000**	**7.6**	**9,300**	**240 J+**	<0.013	<1.0	**14**	<3.0	**890 J+**	--
	RIDB-35	1 - 1.5	12/12/2018	--	<0.50	**9.8**	**120 J**	--	<2.6	**0.37 J**	--	**3.3**	**63**	**20,000**	**18**	**2,100**	**200 J**	**0.014 J**	**3.2**	**5.6**	<3.0	**370**	--
		5 - 5.5	12/12/2018	--	<0.50	**17**	**140 J**	--	<2.7	<0.27	--	**2.4**	**71**	**19,000**	**17**	**1,600**	**120 J**	**0.022**	**4.4**	**7.6**	<3.0	**410**	--
		10 - 10.5	12/12/2018	--	<0.52	**10**	**200 J**	--	**11**	<0.28	--	**6.8**	**16**	**14,000**	**5.8**	**21,000**	**300 J**	<0.013	<1.1	**13**	<3.1	**850**	--
	RIDB-36	1 - 1.5	12/13/2018	--	<0.50	**14**	**130 J+**	--	<2.6	**0.31 J**	--	**3.1**	**86**	**20,000**	**17**	**2,100**	**190 J+**	<0.013	**3.4**	**5.2**	<3.0	**410 J+**	--
		5 - 5.5	12/13/2018	--	<0.48	**13**	**99 J+**	--	<2.7	<0.27	--	**1.9**	**56**	**16,000**	**16**	**9,000**	**140 J+**	<0.013	**2.9**	**4.5**	<2.9	**390 J+**	--
		10 - 10.5	12/13/2018	--	<0.49	**8.9**	**170 J+**	--	**11**	<0.28	--	**7.7**	**16**	**16,000**	**7.9**	**15,000**	**380 J+**	**0.021 J**	<1.1	**15**	<3.0	**1,200 J+**	--
	RISB-01	0.5 - 1	12/18/2018	--	0.50 UJ	**6.1**	**170**	--	**15**	<0.27	--	**6.7**	**35**	**19,000**	**12**	**11,000**	**440**	**0.017 J**	<1.1	**14**	<3.0	**1,100**	--
		5 - 5.5	12/18/2018	--	0.46 UJ	**6.6**	**150**	--	**14**	<0.27	--	**7.3**	**19**	**19,000**	**8.1**	**9,700**	**340**	**0.031**	<1.1	**16**	<2.8	**970**	--
		10 - 10.5	12/18/2018	--	0.47 UJ	**7.4**	**180**	--	**18**	<0.27	--	**7.9**	**18**	**17,000**	**7.6**	**12,000**	**340**	**0.018 J**	<1.1	**18**	<2.8	**1,100**	--

Table A-21b. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)																		
				Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Niobium	Phosphorus (total)	Platinum
			HSSL:	100,000	3,450	7.2	100,000	6,130	100,000	8,180	--	385	51,900	100,000	800	100,000	100,000	3.13	6,490	50,300	130	100,000	5,190
Phase 2 RI	RISB-02	0.5 - 1	12/18/2018	--	0.20 UJ	**8.3**	**100**	--	**13**	<0.26	--	**1.8**	**75**	**21,000**	**21**	**2,000**	**180**	**0.023**	**3.2**	**2.5**	<1.2	**360**	--
		5 - 5.5	12/18/2018	--	0.45 UJ	**7.8**	**170**	--	**15**	<0.26	--	**5.9**	**40**	**19,000**	**13**	**6,600**	**420**	**0.015 J**	**1.3 J**	**14**	<2.7	**1,100**	--
		10 - 10.5	12/18/2018	--	0.53 UJ	**7.9**	**180**	--	**19**	<0.28	--	**7.2**	**18**	**19,000**	**8.3**	**11,000**	**320**	<0.013	<1.1	**15**	<3.2	**1,100**	--
			12/18/2018 (FD)	--	0.51 UJ	**7.3**	**200**	--	**18**	<0.27	--	**7.6**	**17**	**18,000**	**8.0**	**11,000**	**320**	<0.013	<1.1	**16**	<3.1	**1,200**	--
	RISB-03	0.5 - 1	12/18/2018	--	0.19 UJ	**9.1**	**140**	--	**11**	**0.37 J**	--	**3.2**	**100**	**22,000**	**18**	**2,600**	**260**	**0.020**	**3.3**	**4.5**	<1.1	**380**	--
		5 - 5.5	12/18/2018	--	0.20 UJ	**4.9**	**180**	--	**13**	<0.26	--	**5.8**	**51**	**19,000**	**16**	**7,000**	**420**	**0.022**	**1.5 J**	**12**	<1.2	**870**	--
		10 - 10.5	12/18/2018	--	0.49 UJ	**8.8**	**180**	--	**17**	<0.28	--	**6.9**	**19**	**18,000**	**7.4**	**12,000**	**320**	<0.013	<1.1	**15**	<2.9	**960**	--
	RISB-04	0.5 - 1	12/18/2018	--	<0.47	**18**	**110 J**	--	**13**	**0.40 J**	--	**3.1**	**86**	**29,000**	**18**	**2,200 J**	**260 J**	**0.021**	**4.1**	**3.7**	<2.8	**450**	--
		5 - 5.5	12/18/2018	--	<0.18	**8.5**	**120 J**	--	**9.2**	<0.26	--	**1.6**	**71**	**16,000**	**25**	**1,800 J**	**150 J**	**0.020 J**	**2.9**	**4.2**	<1.1	**310**	--
		10 - 10.5	12/18/2018	--	<1.0	**8.0**	**100 J**	--	**12**	<0.28	--	**4.7**	**15**	**13,000**	**5.4**	**10,000 J**	**190 J**	<0.013	<1.1	**14**	<6.1	**740**	--
	RISB-05	0.5 - 1	12/18/2018	--	<0.18	**6.8 J**	**87 J**	--	**11**	**0.39 J**	--	**2.4**	**49**	**20,000**	**14**	**1,900 J**	**220 J**	<0.012	**2.5**	**3.7**	<1.1	**390**	--
			12/18/2018 (FD)	--	<0.45	**13 J**	**100 J**	--	**10**	**0.43 J**	--	**3.4**	**57**	**22,000**	**15**	**2,300 J**	**270 J**	**0.015 J**	**3.2**	**4.6**	<2.7	**410**	--
		5 - 5.5	12/18/2018	--	<0.52	**7.9**	**110 J**	--	**11**	<0.26	--	**2.1**	**65**	**20,000**	**18**	**1,700 J**	**170 J**	**0.024**	**5.3**	**5.9**	<3.1	**380**	--
		10 - 10.5	12/18/2018	--	<0.53	**8.5**	**150 J**	--	**14**	<0.27	--	**5.2**	**14**	**13,000**	**6.3**	**10,000 J**	**230 J**	<0.013	<1.1	**14**	<3.2	**900**	--

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-21b. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)														
				Potassium	Selenium	Silver	Sodium	Strontium	Sulfur	Thallium	Tin	Titanium	Tungsten	Uranium (total)	Vanadium	Zinc	Zirconium
			HSSL:	--	6,490	100,000	--	100,000	--	13	100,000	100,000	1,040	3,830	100,000	100,000	104
Phase A	SA-19	0 - 1.5	11/16/2006	**1,900**	<0.12	**0.14 J**	**214 J-**	**84.3 J**	--	**0.098 J**	**0.51**	**529 J+**	**0.24 J-**	**0.85**	**30.9 J-**	**24.9 J-**	--
		9.5 - 11	11/16/2006	**1,630**	<0.12	**0.12 J**	**302 J-**	**160 J**	--	**0.077 J**	**0.47**	**464 J+**	**0.28 J-**	**1.4**	**30.5 J-**	**21.6 J-**	--
	SA-20	0 - 1.5	11/16/2006 (FD)	**2,910**	<0.13	**0.17 J**	**420**	**141**	--	**0.25 J**	**0.67**	**572**	**0.47 J-**	**0.97**	**34.8 J-**	**30.4 J-**	--
			11/16/2006	**2,470**	<0.12	**0.15 J**	**362**	**121**	--	**0.12 J**	**0.51**	**507**	**0.33 J-**	**0.81**	**30.5 J-**	**26.8 J-**	--
		9.5 - 11	11/16/2006	**2,260**	<0.13	**0.29**	**298 J-**	**102 J**	--	**0.14 J**	**0.43**	**403 J+**	**0.32 J-**	**0.70**	**23.4 J-**	**22.8 J-**	--
Phase B	SA-72	0.5 - 2	7/27/2009	**2,420**	<0.7	<0.2	**929**	**131**	--	**0.121**	**4.3 J**	**817**	**0.2 J-**	**0.712**	**46.4**	**31.9 J**	--
		10 - 11.5	7/27/2009	**1,810**	<0.8	<0.2	**983**	**526**	--	**0.101**	**4.5 J**	**692**	**0.37 J-**	**2.38**	**46.7**	**29.4 J**	--
	SA-167	1 - 2.5	8/19/2009	**2,010 J**	**0.9 J**	<0.2	**371**	**90.1 J**	--	**0.175**	**5.5 J**	**840**	**0.56 J-**	**1**	**39.1 J**	**54.4 J**	--
	SA-173	0.5 - 2	7/27/2009	**2,660**	<0.7	<0.2	**210**	**143**	--	**0.102**	**4.3 J**	**865**	**0.24 J-**	**0.744**	**51.1**	**36.5 J**	--
			7/27/2009 (FD)	**2,440**	**0.9 J**	<0.2	**197**	**145**	--	**0.1**	**4.6 J**	**825**	**0.22 J-**	**0.695**	**51.4**	**35.2 J**	--
		10 - 11.5	7/27/2009	**1,630**	**1.2 J**	<0.2	**489**	**370**	--	**0.085**	**4.5 J**	**592**	**0.26 J-**	**2.71**	**34.9**	**23.4 J**	--
	SA-179	0.5 - 2	7/28/2009	**2,610**	**0.8 J**	<0.2	**212**	**172**	--	**0.104**	**4.2 J**	**699**	**0.23 J-**	**0.737**	**43.9**	**30.7 J**	--
		10 - 11.5	7/28/2009	**1,520**	<0.8	**1.5**	**520**	**403**	--	**0.084**	**4.6 J**	**528**	**0.23 J-**	**2.71**	**29.9**	**20.3 J**	--
Pre-Excavation	BDT-2-N-10	0 - 0.5	8/25/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			8/25/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		1.5 - 2.5	8/25/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		3.5 - 4.5	8/25/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5.5 - 6.5	8/25/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		7.5 - 8.5	8/25/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	BDT-2-N-15	0	8/25/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		0.5 - 1.5	8/25/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2.5 - 3.5	8/25/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		4.5 - 5.5	8/25/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6.5 - 7.5	8/25/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8.5 - 9.5	8/25/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	BDT-2-N-20	0 - 1	8/25/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		2 - 3	8/25/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		4 - 5	8/25/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6 - 7	8/25/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8 - 9	8/25/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			8/25/2010 (FD)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		10 - 11	8/25/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phase 1 RI	RISB-25	0.5 - 1	10/23/2014	--	<0.53	<0.79	--	--	--	<0.26	--	--	--	--	--	**38**	--
		5 - 5.5	10/23/2014	--	<0.55	<0.82	--	--	--	<0.27	--	--	--	--	--	**35**	--
		10 - 10.5	10/23/2014	--	<0.54	<1.6	--	--	--	<0.27	--	--	--	--	--	**32**	--
Phase 2 RI	RIDB-8	1 - 1.5	2/22/2017	--	--	<0.79	--	**170 J-**	--	<0.51	--	--	0.000011 UJ	--	**52**	--	**19**
		5 - 5.5	2/22/2017	--	--	<0.82	--	**280 J-**	--	<0.53	--	--	0.000011 UJ	--	**48**	--	**24**
		10 - 10.5	2/22/2017	--	--	<0.83	--	**450 J-**	--	<0.46	--	--	0.000011 UJ	--	**52**	--	**25**
	RIDB-34	1 - 1.5	12/12/2018	--	--	<0.96	--	**150**	--	<0.53	--	--	2.7 UJ	--	**64**	--	**15**
		5 - 5.5	12/12/2018	--	--	<0.98	--	**160**	--	<0.53	--	--	2.8 UJ	--	**53**	--	**20**
		10 - 10.5	12/13/2018	--	--	<0.93	--	**440 J+**	--	<0.51	--	--	2.6 UJ	--	**39**	--	**13**
	RIDB-35	1 - 1.5	12/12/2018	--	--	<0.94	--	**100**	--	<0.50	--	--	2.6 UJ	--	**30**	--	<5.3
		5 - 5.5	12/12/2018	--	--	<0.95	--	**96**	--	<0.50	--	--	2.7 UJ	--	**29**	--	<5.3
		10 - 10.5	12/12/2018	--	--	<1.0	--	**320**	--	<0.52	--	--	2.8 UJ	--	**52**	--	**20**
	RIDB-36	1 - 1.5	12/13/2018	--	--	<0.92	--	**79 J+**	--	<0.50	--	--	2.6 UJ	--	**32**	--	<5.2
		5 - 5.5	12/13/2018	--	--	<0.95	--	**80 J+**	--	<0.48	--	--	2.7 UJ	--	**25**	--	<5.3
		10 - 10.5	12/13/2018	--	--	<1.0	--	**380 J+**	--	<0.49	--	--	2.8 UJ	--	**50**	--	**20**
	RISB-01	0.5 - 1	12/18/2018	--	**2.8**	<0.95	--	**170 J+**	**310**	<0.50	--	--	2.7 UJ	--	**50**	--	**14**
		5 - 5.5	12/18/2018	--	**3.4**	<0.94	--	**220 J+**	**110**	<0.46	--	--	2.7 UJ	--	**55**	--	**16**
		10 - 10.5	12/18/2018	--	**2.3**	<0.96	--	**400 J+**	**210**	<0.47	--	--	2.7 UJ	--	**54**	--	**19**

Table A-21b. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals (mg/kg)													
				Potassium	Selenium	Silver	Sodium	Strontium	Sulfur	Thallium	Tin	Titanium	Tungsten	Uranium (total)	Vanadium	Zinc	Zirconium
			HSSL:	--	6,490	100,000	--	100,000	--	13	100,000	100,000	1,040	3,830	100,000	100,000	104
Phase 2 RI	RISB-02	0.5 - 1	12/18/2018	--	**1.8**	<0.93	--	**95 J+**	**490**	<0.20	--	--	2.6 UJ	--	**29**	--	<5.2
		5 - 5.5	12/18/2018	--	**3.7**	<0.93	--	**150 J+**	**350**	<0.45	--	--	2.6 UJ	--	**46**	--	**12**
		10 - 10.5	12/18/2018	--	**3.1**	<0.98	--	**310 J+**	**110**	<0.53	--	--	2.8 UJ	--	**54**	--	**18**
			12/18/2018 (FD)	--	**2.6**	<0.96	--	**380 J+**	**150**	<0.51	--	--	2.7 UJ	--	**52**	--	**20**
	RISB-03	0.5 - 1	12/18/2018	--	**2.0**	<0.91	--	**84 J+**	**420**	<0.19	--	--	2.6 UJ	--	**31**	--	<5.1
		5 - 5.5	12/18/2018	--	**2.1**	<0.92	--	**160 J+**	**250**	<0.20	--	--	2.6 UJ	--	**45**	--	**10**
		10 - 10.5	12/18/2018	--	**3.0**	<0.98	--	**310 J+**	**180**	<0.49	--	--	2.8 UJ	--	**55**	--	**20**
	RISB-04	0.5 - 1	12/18/2018	--	**3.4**	<0.91	--	**100 J**	**390 J+**	<0.47	--	--	2.6 UJ	--	**35**	--	<5.1
		5 - 5.5	12/18/2018	--	**1.9**	<0.93	--	**84 J**	**800 J+**	<0.18	--	--	2.6 UJ	--	**24**	--	<5.2
		10 - 10.5	12/18/2018	--	**1.8 J**	<0.98	--	**790 J**	**3,500 J+**	<1.0	--	--	2.8 UJ	--	**40**	--	**16**
	RISB-05	0.5 - 1	12/18/2018	--	**1.5**	<0.92	--	**79 J**	**290 J+**	<0.18	--	--	2.6 UJ	--	**26**	--	<5.2
			12/18/2018 (FD)	--	**2.5**	<0.92	--	**89 J**	**320 J+**	<0.45	--	--	2.6 UJ	--	**29**	--	<5.2
		5 - 5.5	12/18/2018	--	**2.2**	<0.93	--	**88 J**	**520 J+**	<0.52	--	--	2.6 UJ	--	**29**	--	<5.2
		10 - 10.5	12/18/2018	--	**2.3**	<0.95	--	**350 J**	**340 J+**	<0.53	--	--	2.7 UJ	--	**40**	--	**16**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-21c. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
Radionuclides (pCi/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Radionuclides (pCi/g)							
				Radium-226	Radium-228	Thorium-228	Thorium-230	Thorium-232	Uranium-234	Uranium-235	Uranium-238
			HSSL:	0.023	0.046	0.026	14	13	18	0.33	1.5
Phase A	SA-19	0 - 1.5	11/16/2006	**1.16 J-**	**2 J-**	--	--	--	--	--	--
		9.5 - 11	11/16/2006	**1.43 J-**	**1.63 J-**	--	--	--	--	--	--
	SA-20	0 - 1.5	11/16/2006 (FD)	**0.863 J-**	**1.56 J-**	--	--	--	--	--	--
			11/16/2006	**1 J-**	**1.87 J-**	--	--	--	--	--	--
		9.5 - 11	11/16/2006	**1.31 J-**	**1.63 J-**	--	--	--	--	--	--
Phase B	SA-72	0.5 - 2	7/27/2009	**0.859**	**0.855**	**1.80**	**0.962**	**1.70**	**0.821**	**0.0359**	**0.868**
		10 - 11.5	7/27/2009	**1.44**	**0.950**	**1.75**	**2.12**	**1.82**	**2.01**	**0.0619**	**1.48**
	SA-167	1 - 2.5	8/19/2009	**0.0124 U**	**4.80**	**1.84 J+**	**1.03**	**1.72**	**0.865**	**0.0591**	**0.971**
	SA-173	0.5 - 2	7/27/2009	**0.707**	**0.592**	**1.89**	**1.07**	**2.07**	**1.02**	**0.0331 U**	**0.951**
			7/27/2009 (FD)	**0.844**	**0.485**	**1.72**	**1.28**	**1.57**	**0.865**	**0.0212 U**	**0.961**
		10 - 11.5	7/27/2009	**2.91**	**0.972**	**1.75**	**4.87**	**1.62**	**3.51**	**0.081**	**2.82**
	SA-179	0.5 - 2	7/28/2009	**0.492**	**0.785 J**	**2.06**	**0.936 J**	**1.85**	**1.22 J**	**0.0805**	**1.22 J**
		10 - 11.5	7/28/2009	**2.39**	**2.10 J**	**1.11 J+**	**4.47 J**	**1.26**	**3.98 J**	**0.172**	**3.42 J**
Phase 2 RI	RIDB-8	1 - 1.5	2/22/2017	**1.00**	**1.16**	**1.84**	**1.23**	**1.77**	--	--	--
		5 - 5.5	2/22/2017	**0.911**	**0.873 J**	**1.71**	**1.19**	**1.58**	--	--	--
		10 - 10.5	2/22/2017	**1.71**	**0.862 J**	**1.33**	**2.17**	**1.32**	--	--	--
	RIDB-34	1 - 1.5	12/12/2018	**0.971**	**1.33**	**1.66**	**1.14**	**1.50**	--	--	--
		5 - 5.5	12/12/2018	**0.879**	**1.55**	**1.63**	**0.982**	**1.76**	--	--	--
		10 - 10.5	12/13/2018	**2.16**	**1.49**	**1.46**	**2.31**	**1.63**	--	--	--
	RIDB-35	1 - 1.5	12/12/2018	**1.42**	**3.05**	**3.94**	**1.49**	**3.43**	--	--	--
		5 - 5.5	12/12/2018	**1.41**	**3.15**	**3.82**	**1.90**	**3.44**	--	--	--
		10 - 10.5	12/12/2018	**1.22**	**1.09**	**1.36**	**1.83**	**1.12**	--	--	--
	RIDB-36	1 - 1.5	12/13/2018	**1.50**	**2.86**	**3.62**	**1.83**	**3.94**	--	--	--
		5 - 5.5	12/13/2018	**1.39**	**2.97**	**2.71**	**1.48**	**3.18**	--	--	--
		10 - 10.5	12/13/2018	**0.856**	**1.22**	**1.49**	**1.32**	**1.67**	--	--	--

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
pCi/g: picocuries per gram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: result above minimum detectable activity
Value: result below minimum detectable activity
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-21d. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Acetone	t-Amyl methyl ether	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Cumene
			HSSL:	100,000,000	--	5,310	679,000	628,000	1,300	95,300	30,300	28,400,000	108,000	145,000	183,000	2,960	1,370,000	2,120,000	1,390	464,000	907,000	26,000,000	10,400,000
Phase A	SA-19	0 - 1.5	11/16/2006	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	11 UJ	<11	5.5 UJ	5.5 UJ	<5.5	<5.5	<5.5	5.5 UJ	<5.5	5.5 UJ	<5.5	<5.5	<5.5
		9.5 - 11	11/16/2006	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	11 UJ	<11	5.5 UJ	5.5 UJ	<5.5	<5.5	<5.5	5.5 UJ	<5.5	5.5 UJ	<5.5	<5.5	<5.5
	SA-20	0 - 1.5	11/16/2006 (FD)	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12	<12	<6.2	6.2 UJ	<6.2	<6.2	<6.2	6.2 UJ	<6.2	6.2 UJ	<6.2	<6.2	<6.2
			11/16/2006	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<11	<5.6	5.6 UJ	<5.6	<5.6	<5.6	5.6 UJ	**0.52 J**	5.6 UJ	<5.6	<5.6	<5.6
		9.5 - 11	11/16/2006	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<12	<5.9	5.9 UJ	<5.9	<5.9	<5.9	5.9 UJ	**0.50 J**	5.9 UJ	<5.9	<5.9	<5.9
Phase B	SA-72	0.5 - 2	7/27/2009	**19**	<0.075	<0.15	<0.21	<0.22	<0.15	<0.29	<0.31	<0.52	<0.40	<0.31	<0.22	<0.31	<0.15	<0.30	<0.22	<0.21	<0.30	<0.37	<0.19
		10 - 11.5	7/27/2009	**6.2 J**	<0.11	<0.20	<0.29	<0.30	<0.20	<0.40	<0.43	<0.72	<0.55	<0.43	<0.30	<0.43	<0.21	<0.41	**0.45 J**	<0.29	<0.42	<0.51	<0.27
	SA-167	1 - 2.5	8/19/2009	**19 J**	<0.064	<0.27	<0.24	<0.24	<0.30	<0.25	<0.45	**2.7 J**	<0.44	<0.38	<0.32	<0.26	<0.28	<0.28	<0.25	<0.33	<0.36	<0.32	<0.29
	SA-173	0.5 - 2	7/27/2009	**4.7 J**	<0.11	<0.20	<0.29	<0.31	<0.20	<0.40	<0.43	<0.72	<0.55	<0.43	<0.31	<0.43	<0.21	<0.41	<0.31	<0.29	<0.42	<0.52	<0.27
			7/27/2009 (FD)	**2.5 J**	<0.068	<0.13	<0.19	<0.20	<0.13	<0.26	<0.28	<0.47	<0.36	<0.28	<0.20	<0.28	<0.14	<0.27	<0.20	<0.19	<0.27	<0.34	<0.18
		10 - 11.5	7/27/2009	**7.9 J**	<0.089	<0.17	<0.25	<0.26	<0.17	<0.34	<0.37	**1.4 J**	<0.47	<0.37	<0.26	<0.37	<0.18	<0.35	<0.26	<0.25	<0.36	<0.44	<0.23
	SA-179	0.5 - 2	7/28/2009	**6.5 J**	<0.096	<0.19	<0.27	<0.28	<0.19	<0.37	<0.40	**1.3 J**	<0.51	<0.40	<0.28	<0.40	<0.20	<0.38	<0.28	<0.27	<0.39	<0.47	<0.25
		10 - 11.5	7/28/2009	**20**	<0.066	**0.25 J**	<0.18	<0.20	<0.13	<0.25	<0.27	**2.4 J**	<0.35	<0.27	<0.20	<0.27	<0.14	<0.26	<0.20	<0.18	<0.27	<0.33	<0.17
Phase 2 RI	RIDB-8	1 - 1.5	2/22/2017	<8.4	<1.0	<0.52	<1.0	<1.0	<0.52	<1.0	<1.0	<5.2	<1.0	<1.0	<1.0	<0.52	<0.52	<1.0	<0.52	1.0 UJ	<1.0	<1.0	<0.52
		5 - 5.5	2/22/2017	<8.6	<1.1	<0.53	<1.1	<1.1	<0.53	<1.1	<1.1	<5.3	<1.1	<1.1	<1.1	<0.53	<0.53	<1.1	<0.53	1.1 UJ	<1.1	<1.1	<0.53
		10 - 10.5	2/22/2017	<8.4	<1.1	<0.53	<1.1	<1.1	<0.53	<1.1	<1.1	<5.3	<1.1	<1.1	<1.1	<0.53	<0.53	<1.1	<0.53	1.1 UJ	<1.1	<1.1	<0.53
	RIDB-34	1 - 1.5	12/12/2018	<10	<1.3	<0.65	<1.3	<1.3	<0.65	<1.3	<1.3	<6.5	<1.3	<1.3	<1.3	<0.65	<0.65	<1.3	<0.65	1.3 UJ	<1.3	<1.3	<0.65
		5 - 5.5	12/12/2018	<8.4	<1.1	<0.53	<1.1	<1.1	<0.53	<1.1	<1.1	<5.3	<1.1	<1.1	<1.1	<0.53	<0.53	<1.1	<0.53	<1.1	<1.1	<1.1	<0.53
		10 - 10.5	12/13/2018	<7.4	<0.93	<0.46	<0.93	<0.93	<0.46	<0.93	<0.93	<4.6	<0.93	<0.93	<0.93	<0.46	<0.46	<0.93	**1.7**	<0.93	<0.93	<0.93	<0.46
	RIDB-35	1 - 1.5	12/12/2018	<7.9	<0.99	<0.49	<0.99	<0.99	<0.49	<0.99	<0.99	<4.9	<0.99	<0.99	<0.99	<0.49	<0.49	<0.99	<0.49	<0.99	<0.99	<0.99	<0.49
		5 - 5.5	12/12/2018	<9.4	<1.2	<0.59	<1.2	<1.2	<0.59	<1.2	<1.2	<5.9	<1.2	<1.2	<1.2	<0.59	<0.59	<1.2	**0.68 J**	<1.2	<1.2	<1.2	<0.59
		10 - 10.5	12/12/2018	<9.9	<1.2	<0.62	<1.2	<1.2	<0.62	<1.2	<1.2	<6.2	<1.2	<1.2	<1.2	<0.62	<0.62	<1.2	**2.8**	<1.2	<1.2	<1.2	<0.62
	RIDB-36	1 - 1.5	12/13/2018	<7.5	<0.94	<0.47	<0.94	<0.94	<0.47	<0.94	<0.94	<4.7	<0.94	<0.94	<0.94	<0.47	<0.47	<0.94	<0.47	0.94 UJ	<0.94	<0.94	<0.47
		5 - 5.5	12/13/2018	<8.1	<1.0	<0.51	<1.0	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<1.0	<1.0	<0.51	<0.51	<1.0	<0.51	1.0 UJ	<1.0	<1.0	<0.51
		10 - 10.5	12/13/2018	<8.4	<1.1	<0.53	<1.1	<1.1	<0.53	<1.1	<1.1	<5.3	<1.1	<1.1	<1.1	<0.53	<0.53	<1.1	**1.8**	1.1 UJ	<1.1	<1.1	<0.53

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-21d. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				p-Cymene	1,2-Dibromo-3-chloropropane	Dibromochloro-methane	1,2-Dibromoethane	Dibromomethane	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
			HSSL:	147,000	64.9	43,300	168	98,900	376,000	373,000	11,500	368,000	15,800	2,100	20,000	400,000	304,000	11,700	26,000,000	--	--	--	--
Phase A	SA-19	0 - 1.5	11/16/2006	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	**17**	5.5 UJ	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
		9.5 - 11	11/16/2006	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	**15**	5.5 UJ	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
	SA-20	0 - 1.5	11/16/2006 (FD)	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	**9.1**	6.2 UJ	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2
			11/16/2006	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	**12**	5.6 UJ	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
		9.5 - 11	11/16/2006	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	**14**	5.9 UJ	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
Phase B	SA-72	0.5 - 2	7/27/2009	<0.30	<0.47	<0.23	<0.21	<0.23	<0.23	<0.34	<0.40	<0.36	<0.11	<0.18	<0.22	<0.15	<0.21	<0.18	<0.21	<0.19	<0.28	<0.21	<0.25
		10 - 11.5	7/27/2009	<0.42	<0.65	<0.31	<0.29	<0.31	<0.32	<0.46	<0.56	<0.49	<0.15	<0.25	<0.30	<0.21	<0.29	<0.25	<0.29	<0.27	<0.38	<0.29	<0.34
	SA-167	1 - 2.5	8/19/2009	<0.37	<0.40	<0.20	<0.18	<0.20	<0.23	<0.30	<0.41	<0.30	<0.27	<0.21	<0.22	<0.18	<0.30	<0.23	<0.21	<0.20	<0.24	<0.20	<0.22
	SA-173	0.5 - 2	7/27/2009	<0.42	<0.66	<0.32	<0.29	<0.32	<0.33	<0.47	<0.56	<0.50	<0.16	<0.25	<0.31	<0.21	<0.30	<0.25	<0.29	<0.27	<0.38	<0.29	<0.35
			7/27/2009 (FD)	<0.27	<0.43	<0.21	<0.19	<0.21	<0.21	<0.31	<0.37	<0.32	<0.098	<0.16	<0.20	<0.14	<0.19	<0.16	<0.19	<0.18	<0.25	<0.19	<0.23
		10 - 11.5	7/27/2009	<0.36	<0.56	<0.27	<0.25	<0.27	<0.28	<0.40	<0.48	<0.42	<0.13	<0.21	<0.26	<0.18	<0.25	<0.21	<0.25	<0.23	<0.33	<0.25	<0.29
	SA-179	0.5 - 2	7/28/2009	<0.39	<0.61	<0.29	<0.27	<0.29	<0.30	<0.43	<0.52	<0.46	<0.14	<0.23	<0.28	<0.20	<0.27	<0.23	<0.27	<0.25	<0.35	<0.27	<0.32
		10 - 11.5	7/28/2009	<0.27	<0.42	<0.20	<0.18	<0.20	<0.21	<0.30	<0.36	<0.31	<0.096	<0.16	<0.20	<0.14	<0.19	<0.16	<0.18	<0.17	<0.24	<0.18	<0.22
Phase 2 RI	RIDB-8	1 - 1.5	2/22/2017	<0.52	<2.1	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<1.0	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<1.0	<0.52	<0.52	<0.52
		5 - 5.5	2/22/2017	<0.53	<2.1	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<1.1	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<1.1	<0.53	<0.53	<0.53
		10 - 10.5	2/22/2017	<0.53	<2.1	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<1.1	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<1.1	<0.53	<0.53	<0.53
	RIDB-34	1 - 1.5	12/12/2018	<0.65	<2.6	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	1.3 UJ	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<1.3	<0.65	<0.65	<0.65
		5 - 5.5	12/12/2018	<0.53	<2.1	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	1.1 UJ	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<1.1	<0.53	<0.53	<0.53
		10 - 10.5	12/13/2018	<0.46	<1.9	<0.46	<0.46	<0.46	<0.46	<0.46	**0.49 J**	0.93 UJ	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.93	<0.46	<0.46	<0.46
	RIDB-35	1 - 1.5	12/12/2018	<0.49	<2.0	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	0.99 UJ	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.99	<0.49	<0.49	<0.49
		5 - 5.5	12/12/2018	<0.59	<2.4	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	1.2 UJ	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<1.2	<0.59	<0.59	<0.59
		10 - 10.5	12/12/2018	<0.62	<2.5	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	1.2 UJ	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<1.2	<0.62	<0.62	<0.62
	RIDB-36	1 - 1.5	12/13/2018	<0.47	<1.9	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	0.94 UJ	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.94	<0.47	<0.47	<0.47
		5 - 5.5	12/13/2018	<0.51	<2.0	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	1.0 UJ	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<1.0	<0.51	<0.51	<0.51
		10 - 10.5	12/13/2018	<0.53	<2.1	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	1.1 UJ	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<1.1	<0.53	<0.53	<0.53

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-21d. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)																		
				Diisopropyl ether	Ethyl benzene	Ethyl tert-butyl ether	Hexachlorobutadiene	2-Hexanone	Methyl tert-butyl ether	Methylene Chloride	Naphthalene	4-Methyl-2-pentanone	n-Propylbenzene	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
			HSSL:	2,260,000	26,600	560,000	5,610	1,490,000	217,000	1,130,000	11,300	3,360,000	264,000	867,000	9,070	2,910	107,000	818,000	151,000	125,000	640,000	5,280	6,310
Phase A	SA-19	0 - 1.5	11/16/2006	<5.5	<5.5	<5.5	<5.5	11 UJ	<5.5	<5.5	<5.5	<11	5.5 UJ	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
		9.5 - 11	11/16/2006	<5.5	<5.5	<5.5	<5.5	11 UJ	<5.5	<5.5	<5.5	<11	5.5 UJ	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
	SA-20	0 - 1.5	11/16/2006 (FD)	<6.2	<6.2	<6.2	<6.2	12 UJ	<6.2	<6.2	<6.2	<12	6.2 UJ	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2
			11/16/2006	<5.6	<5.6	<5.6	<5.6	11 UJ	<5.6	<5.6	<5.6	<11	5.6 UJ	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
		9.5 - 11	11/16/2006	<5.9	<5.9	<5.9	<5.9	12 UJ	<5.9	<5.9	<5.9	<12	5.9 UJ	<5.9	<5.9	<5.9	<5.9	**0.48 J**	<5.9	<5.9	<5.9	<5.9	<5.9
Phase B	SA-72	0.5 - 2	7/27/2009	<0.17	<0.60	<0.17	0.51 UJ	<0.48	<0.15	**0.41 J**	<0.62	<0.44	<0.27	<0.19	<0.17	<0.22	<0.34	<0.22	<0.49	<0.52	<0.15	<0.16	<0.28
		10 - 11.5	7/27/2009	<0.23	<0.83	<0.23	0.71 UJ	<0.66	<0.21	**0.50 J**	<0.86	<0.61	<0.37	<0.27	<0.23	<0.30	<0.46	**0.32 J**	<0.68	<0.72	<0.20	<0.22	<0.38
	SA-167	1 - 2.5	8/19/2009	<0.14	<0.51	<0.14	<0.44	<0.41	<0.18	<0.22	<0.53	<0.38	<0.30	<0.26	<0.17	<0.24	<0.29	**0.28 J**	<0.42	<0.52	<0.13	<0.34	<0.24
	SA-173	0.5 - 2	7/27/2009	<0.23	<0.84	<0.23	0.72 UJ	<0.67	<0.21	**0.53 J**	<0.87	<0.62	<0.37	<0.27	<0.23	<0.31	<0.47	<0.31	<0.69	<0.72	<0.20	<0.22	<0.38
			7/27/2009 (FD)	<0.15	<0.54	<0.15	0.46 UJ	<0.43	<0.14	**0.39 J**	<0.56	<0.40	<0.24	<0.18	<0.15	<0.20	<0.31	**0.28 J**	<0.45	<0.47	<0.13	<0.15	<0.25
		10 - 11.5	7/27/2009	<0.20	<0.71	<0.20	0.61 UJ	<0.57	<0.18	**0.57 J**	<0.73	<0.53	<0.32	<0.23	<0.20	<0.26	<0.40	<0.26	<0.58	<0.61	<0.17	<0.19	<0.33
	SA-179	0.5 - 2	7/28/2009	<0.21	<0.77	<0.21	0.66 UJ	<0.61	<0.20	**0.42 J**	<0.80	<0.57	<0.34	<0.25	<0.21	<0.28	<0.43	<0.28	<0.63	<0.67	<0.19	<0.21	<0.35
		10 - 11.5	7/28/2009	<0.15	<0.53	<0.15	0.45 UJ	<0.42	<0.14	**0.33 J**	<0.55	<0.39	<0.24	<0.17	<0.15	<0.20	<0.30	**0.24 J**	<0.43	<0.46	<0.13	<0.14	<0.24
Phase 2 RI	RIDB-8	1 - 1.5	2/22/2017	<1.0	<0.52	<1.0	<1.0	<5.2	<1.0	<5.2	<1.0	<2.6	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<1.0	<1.0	<0.52	<0.52	<0.52
		5 - 5.5	2/22/2017	<1.1	<0.53	<1.1	<1.1	<5.3	<1.1	<5.3	<1.1	<2.7	<0.53	<0.53	<1.1	<1.1	<0.53	<0.53	<1.1	<1.1	<0.53	<0.53	<0.53
		10 - 10.5	2/22/2017	<1.1	<0.53	<1.1	<1.1	<5.3	<1.1	<5.3	<1.1	<2.6	<0.53	<0.53	<1.1	<1.1	<0.53	<0.53	<1.1	<1.1	<0.53	<0.53	<0.53
	RIDB-34	1 - 1.5	12/12/2018	<1.3	<0.65	<1.3	<1.3	<6.5	<1.3	<6.5	<1.3	<3.3	<0.65	<0.65	<1.3	<1.3	<0.65	<0.65	<1.3	<1.3	<0.65	<0.65	<0.65
		5 - 5.5	12/12/2018	<1.1	<0.53	<1.1	<1.1	<5.3	<1.1	<5.3	<1.1	<2.6	<0.53	<0.53	<1.1	<1.1	<0.53	<0.53	<1.1	<1.1	<0.53	<0.53	<0.53
		10 - 10.5	12/13/2018	<0.93	<0.46	<0.93	<0.93	<4.6	<0.93	<4.6	<0.93	<2.3	<0.46	<0.46	<0.93	<0.93	<0.46	<0.46	**1.9**	<0.93	<0.46	<0.46	<0.46
	RIDB-35	1 - 1.5	12/12/2018	<0.99	<0.49	<0.99	<0.99	<4.9	<0.99	<4.9	<0.99	<2.5	<0.49	<0.49	<0.99	<0.99	<0.49	<0.49	<0.99	<0.99	<0.49	<0.49	<0.49
		5 - 5.5	12/12/2018	<1.2	<0.59	<1.2	<1.2	<5.9	<1.2	<5.9	<1.2	<2.9	<0.59	<0.59	<1.2	<1.2	<0.59	<0.59	<1.2	<1.2	<0.59	<0.59	<0.59
		10 - 10.5	12/12/2018	<1.2	<0.62	<1.2	<1.2	<6.2	<1.2	<6.2	<1.2	<3.1	<0.62	<0.62	<1.2	<1.2	<0.62	<0.62	<1.2	<1.2	<0.62	<0.62	<0.62
	RIDB-36	1 - 1.5	12/13/2018	<0.94	<0.47	<0.94	<0.94	<4.7	<0.94	<4.7	<0.94	<2.3	<0.47	<0.47	<0.94	<0.94	<0.47	<0.47	<0.94	<0.94	<0.47	<0.47	<0.47
		5 - 5.5	12/13/2018	<1.0	<0.51	<1.0	<1.0	<5.1	<1.0	<5.1	<1.0	<2.5	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<0.51
		10 - 10.5	12/13/2018	<1.1	<0.53	<1.1	<1.1	<5.3	<1.1	<5.3	<1.1	<2.6	<0.53	<0.53	<1.1	<1.1	<0.53	<0.53	<1.1	<1.1	<0.53	<0.53	<0.53

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-21d. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
VOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	VOCs (µg/kg)								
				Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	Xylenes (total)	tert Butyl alcohol
			HSSL:	1,230,000	121	219,000	182,000	1,870	--	434,000	260,000	7,270,000
Phase A	SA-19	0 - 1.5	11/16/2006	5.5 UJ	<5.5	<5.5	<5.5	<5.5	--	--	<11	5.5 UJ
		9.5 - 11	11/16/2006	5.5 UJ	<5.5	<5.5	<5.5	<5.5	--	--	<11	5.5 UJ
	SA-20	0 - 1.5	11/16/2006 (FD)	6.2 UJ	<6.2	<6.2	<6.2	<6.2	--	--	<12	6.2 UJ
			11/16/2006	5.6 UJ	<5.6	<5.6	<5.6	<5.6	--	--	<11	5.6 UJ
		9.5 - 11	11/16/2006	5.9 UJ	<5.9	<5.9	<5.9	<5.9	--	--	<12	5.9 UJ
Phase B	SA-72	0.5 - 2	7/27/2009	<0.23	<0.36	<0.25	<0.20	<0.16	<0.43	<0.43	--	<4.8
		10 - 11.5	7/27/2009	<0.31	<0.50	<0.35	<0.28	<0.22	<0.59	<0.59	--	<6.6
	SA-167	1 - 2.5	8/19/2009	<0.20	<0.31	<0.36	<0.30	<0.28	<0.54	<0.37	--	<4.1
	SA-173	0.5 - 2	7/27/2009	<0.32	<0.51	<0.36	<0.28	<0.22	<0.60	<0.60	--	<6.7
			7/27/2009 (FD)	<0.21	<0.33	<0.23	<0.18	<0.15	<0.39	<0.39	--	<4.3
		10 - 11.5	7/27/2009	<0.27	<0.43	<0.30	<0.24	<0.19	<0.51	<0.51	--	<5.7
	SA-179	0.5 - 2	7/28/2009	<0.29	<0.47	**0.59 J**	<0.26	<0.21	<0.55	<0.55	--	<6.1
		10 - 11.5	7/28/2009	<0.20	<0.32	**1.2 J**	<0.18	<0.14	<0.38	<0.38	--	<4.2
Phase 2 RI	RIDB-8	1 - 1.5	2/22/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.52	--	<10
		5 - 5.5	2/22/2017	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.53	--	<11
		10 - 10.5	2/22/2017	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.53	--	<11
	RIDB-34	1 - 1.5	12/12/2018	<1.3	<1.3	<1.3	<1.3	1.3 UJ	<1.3	<0.65	--	<13
		5 - 5.5	12/12/2018	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.53	--	<11
		10 - 10.5	12/13/2018	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.46	--	<9.3
	RIDB-35	1 - 1.5	12/12/2018	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.49	--	<9.9
		5 - 5.5	12/12/2018	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<0.59	--	<12
		10 - 10.5	12/12/2018	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<0.62	--	<12
	RIDB-36	1 - 1.5	12/13/2018	<0.94	<0.94	<0.94	<0.94	0.94 UJ	<0.94	<0.47	--	<9.4
		5 - 5.5	12/13/2018	<1.0	<1.0	<1.0	<1.0	1.0 UJ	<1.0	<0.51	--	<10
		10 - 10.5	12/13/2018	<1.1	<1.1	<1.1	<1.1	1.1 UJ	<1.1	<0.53	--	<11

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
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Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-21e. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Acenaphthene	Acenaphthylene	Aniline	Anthracene	Benzidine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	Benzyl alcohol	4-Bromophenyl-phenyl ether	Butylbenzylphthalate	4-Chloroaniline	2-Chloronaphthalene	2-Chlorophenol	4-Chlorophenyl-phenyl ether	Chrysene	Di-n-butylphthalate
			HSSL:	118,000	44,000	619,000	4,260	15.3	9,980	3,500	35,000	25,100,000	350,000	100,000,000	91,200,000	--	1,860,000	17,600	175,000	6,490,000	--	3,500,000	91,200,000
Phase A	SA-19	0 - 1.5	11/16/2006	<360	<360	--	<360	--	<360	<360	<360	<360	<360	--	--	--	<360	--	--	--	--	<360	<360
		9.5 - 11	11/16/2006	<360	<360	--	<360	--	<360	<360	<360	<360	<360	--	--	--	<360	--	--	--	--	<360	<360
	SA-20	0 - 1.5	11/16/2006 (FD)	<410	<410	--	<410	--	<410	<410	<410	<410	<410	--	--	--	<410	--	--	--	--	<410	<410
			11/16/2006	<370	<370	--	<370	--	<370	<370	<370	<370	<370	--	--	--	<370	--	--	--	--	<370	<370
		9.5 - 11	11/16/2006	<390	<390	--	<390	--	<390	<390	<390	<390	<390	--	--	--	<390	--	--	--	--	<390	<390
Pre-Excavation	BDT-2-N-10	0 - 0.5	8/25/2010	<11	<18	--	<18	--	<22	<22	<28	<17	<43	--	--	--	<47	--	--	--	--	<29	<31
			8/25/2010 (FD)	<11	<17	--	<17	--	<21	<21	<27	<16	<41	--	--	--	<44	--	--	--	--	<28	<30
		1.5 - 2.5	8/25/2010	<11	<19	--	<19	--	<22	<22	<29	<17	<44	--	--	--	<47	--	--	--	--	<29	<32
		3.5 - 4.5	8/25/2010	<11	<18	--	<18	--	<21	<21	<28	<17	<42	--	--	--	<45	--	--	--	--	<29	<31
		5.5 - 6.5	8/25/2010	<11	<19	--	<19	--	<22	<22	<29	<18	<44	--	--	--	<47	--	--	--	--	<30	<32
		7.5 - 8.5	8/25/2010	<11	<18	--	<18	--	<21	<21	<28	<17	<43	--	--	--	<46	--	--	--	--	<29	<31
	BDT-2-N-15	0	8/25/2010	<11	<18	--	<18	--	<21	<21	<27	<17	<41	--	--	--	<45	--	--	--	--	<28	<30
		0.5 - 1.5	8/25/2010	<11	<17	--	<17	--	<21	<21	<27	<16	<41	--	--	--	<44	--	--	--	--	<28	<30
		2.5 - 3.5	8/25/2010	<11	<18	--	<18	--	<21	<21	<28	<17	<43	--	--	--	<46	--	--	--	--	<29	<31
		4.5 - 5.5	8/25/2010	<11	<19	--	<19	--	<22	<22	<29	<18	<44	--	--	--	<48	--	--	--	--	<30	<32
		6.5 - 7.5	8/25/2010	<11	<18	--	<18	--	<21	<21	<27	<17	<42	--	--	--	<45	--	--	--	--	<28	<30
		8.5 - 9.5	8/25/2010	<11	<18	--	<18	--	<22	<22	<28	<17	<43	--	--	--	<47	--	--	--	--	<29	<32
	BDT-2-N-20	0 - 1	8/25/2010	<11	<18	--	<18	--	<22	<22	<28	<17	<43	--	--	--	<46	--	--	--	--	<29	<31
		2 - 3	8/25/2010	<11	<18	--	<18	--	<22	<22	<28	<17	<43	--	--	--	<46	--	--	--	--	<29	<31
		4 - 5	8/25/2010	<11	<18	--	<18	--	<21	<21	<27	<17	<42	--	--	--	<45	--	--	--	--	<28	<30
		6 - 7	8/25/2010	<11	<19	--	<19	--	<22	<22	<29	<17	<44	--	--	--	<47	--	--	--	--	<29	<32
		8 - 9	8/25/2010	<11	<18	--	<18	--	<21	<21	<28	<17	<43	--	--	--	<46	--	--	--	--	<29	<31
			8/25/2010 (FD)	<11	<18	--	<18	--	<21	<21	<28	<17	<42	--	--	--	<45	--	--	--	--	<28	<31
		10 - 11	8/25/2010	<11	<18	--	<18	--	<21	<21	<28	<17	<42	--	--	--	<46	--	--	--	--	<29	<31
	SA-167	0.5 - 1	6/17/2010	<10	<17	--	<17	--	<20	<20	<26	<16	<39	--	--	--	<42	--	--	--	--	<26	<28
	SSAK5-04	1 - 2	5/14/2010	<11	<19	--	<19	--	<22	<22	<29	<18	<44	--	--	--	<47	--	--	--	--	<30	<32
		2 - 3	5/14/2010	<11	<18	--	<18	--	<21	<21	<27	<17	<42	--	--	--	<45	--	--	--	--	<28	<30
Phase 2 RI	RIDB-8	1 - 1.5	2/22/2017	<150	<160	<200	<180	1,500 UJ	<160	<150	<160	<250	<160	<780	<340	<170	<180	<310	<150	<160	<200	<170	<210
		5 - 5.5	2/22/2017	<73	<77	<93	<88	720 UJ	<77	<73	<77	<120	<77	<370	<160	<82	<88	<150	<73	<77	<93	<82	<99
		10 - 10.5	2/22/2017	<72	<75	<92	<86	710 UJ	<75	<72	<75	<120	<75	<370	<160	<81	<86	<140	<72	<75	<92	<81	<97
	RIDB-34	1 - 1.5	12/12/2018	<190	<76	<150	<87	<180	<76	<73	<76	<120	<76	<520	<440	<81	<87	160 UJ	<73	<76	<220	<81	<98
		5 - 5.5	12/12/2018	<190	<77	<150	<88	<190	<77	<74	<77	<120	<77	<520	<450	<83	<88	170 UJ	<74	<77	<220	<83	<99
		10 - 10.5	12/13/2018	<190	<75	<150	<85	<180	<75	<71	<75	<120	<75	<510	<440	<80	<85	160 UJ	<71	<75	<210	<80	<96
	RIDB-35	1 - 1.5	12/12/2018	<180	<74	<150	<84	180 UJ	<74	<71	<74	<120	<74	<500	<430	<79	<84	160 UJ	<71	<74	<210	<79	<95
		5 - 5.5	12/12/2018	<190	<74	<150	<85	<180	<74	<71	<74	<120	<74	<500	<430	<79	<85	160 UJ	<71	<74	<210	<79	<95
		10 - 10.5	12/12/2018	<200	<79	<160	<90	<190	<79	<76	<79	<120	<79	<540	<460	<85	<90	170 UJ	<76	<79	<230	<85	<100
	RIDB-36	1 - 1.5	12/13/2018	<180	<73	<150	<83	<180	<73	<70	<73	<110	<73	<500	<430	<78	<83	160 UJ	<70	<73	<210	<78	<94
		5 - 5.5	12/13/2018	<190	<74	<150	<85	<180	<74	<71	<74	<120	<74	<510	<440	<80	<85	160 UJ	<71	<74	<210	<80	<96
		10 - 10.5	12/13/2018	<200	<78	<160	<89	<190	<78	<75	<78	<120	<78	<530	<460	<84	<89	170 UJ	<75	<78	<220	<84	<100

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
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'--' : not analyzed
Bold value: detected result
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Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
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Table A-21e. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				Di-n-octylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	3,3'-Dichlorobenzidine	2,4-Dichlorophenol	Diethylphthalate	2,4-Dimethylphenol	Dimethylphthalate	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,4-Dioxane	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	1-Methylnaphthalene
			HSSL:	9,120,000	3,500	171,000	7,840	2,740,000	100,000,000	18,200,000	100,000,000	1,820,000	11,400	2,350	27,200	33,500,000	93,100	231	7,460	8,470	35,000	3,710,000	770
Phase A	SA-19	0 - 1.5	11/16/2006	<360	<360	--	--	--	<360	--	<360	--	--	--	<360	<360	<360	<360	--	--	<360	--	--
		9.5 - 11	11/16/2006	<360	<360	--	--	--	<360	--	<360	--	--	--	<360	<360	<360	<360	--	--	<360	--	--
	SA-20	0 - 1.5	11/16/2006 (FD)	<410	<410	--	--	--	<410	--	<410	--	--	--	<410	<410	<410	<410	--	--	<410	--	--
			11/16/2006	<370	<370	--	--	--	<370	--	<370	--	--	--	<370	<370	<370	<370	--	--	<370	--	--
		9.5 - 11	11/16/2006	<390	<390	--	--	--	<390	--	<390	--	--	--	<390	<390	<390	<390	--	--	<390	--	--
Pre-Excavation	BDT-2-N-10	0 - 0.5	8/25/2010	<16	<21	--	--	--	<28	--	<25	--	--	--	<71	<39	<19	<31	--	--	<24	--	--
			8/25/2010 (FD)	<15	<20	--	--	--	<27	--	<24	--	--	--	<68	<37	<18	<30	--	--	<23	--	--
		1.5 - 2.5	8/25/2010	<16	<21	--	--	--	<28	--	<25	--	--	--	<72	<39	<20	<32	--	--	<24	--	--
		3.5 - 4.5	8/25/2010	<15	<20	--	--	--	<27	--	<24	--	--	--	<70	<38	<19	<31	--	--	<23	--	--
		5.5 - 6.5	8/25/2010	<16	<21	--	--	--	<29	--	<25	--	--	--	<72	<40	<20	<32	--	--	<24	--	--
		7.5 - 8.5	8/25/2010	<15	<20	--	--	--	<28	--	<25	--	--	--	<71	<39	<19	<31	--	--	<24	--	--
	BDT-2-N-15	0	8/25/2010	<15	<20	--	--	--	<27	--	<24	--	--	--	<68	<37	<19	<30	--	--	<23	--	--
		0.5 - 1.5	8/25/2010	<15	<19	--	--	--	<27	--	<24	--	--	--	<68	<37	<18	<30	--	--	<23	--	--
		2.5 - 3.5	8/25/2010	<15	<20	--	--	--	<28	--	<25	--	--	--	<70	<38	<19	<31	--	--	<23	--	--
		4.5 - 5.5	8/25/2010	<16	<21	--	--	--	<29	--	<25	--	--	--	<73	<40	<20	<32	--	--	<24	--	--
		6.5 - 7.5	8/25/2010	<15	<20	--	--	--	<27	--	<24	--	--	--	<69	<37	<19	<30	--	--	<23	--	--
		8.5 - 9.5	8/25/2010	<16	<21	--	--	--	<28	--	<25	--	--	--	<72	<39	<20	<32	--	--	<24	--	--
	BDT-2-N-20	0 - 1	8/25/2010	<16	<21	--	--	--	<28	--	<25	--	--	--	<71	<39	<19	<31	--	--	<24	--	--
		2 - 3	8/25/2010	<16	<21	--	--	--	<28	--	<25	--	--	--	<71	<39	<19	<31	--	--	<24	--	--
		4 - 5	8/25/2010	<15	<20	--	--	--	<27	--	<24	--	--	--	<69	<38	<19	<30	--	--	<23	--	--
		6 - 7	8/25/2010	<16	<21	--	--	--	<28	--	<25	--	--	--	<72	<39	<20	<32	--	--	<24	--	--
		8 - 9	8/25/2010	<15	<20	--	--	--	<28	--	<25	--	--	--	<71	<39	<19	<31	--	--	<24	--	--
			8/25/2010 (FD)	<15	<20	--	--	--	<27	--	<24	--	--	--	<70	<38	<19	<31	--	--	<23	--	--
		10 - 11	8/25/2010	<15	<20	--	--	--	<28	--	<24	--	--	--	<70	<38	<19	<31	--	--	<23	--	--
	SA-167	0.5 - 1	6/17/2010	<14	<19	--	--	--	<25	--	<23	--	--	--	<65	<35	<18	**250 J**	--	--	<22	--	--
	SSAK5-04	1 - 2	5/14/2010	<16	<21	--	--	--	<29	--	<25	--	--	--	<73	<40	<20	<32	--	--	<24	--	--
		2 - 3	5/14/2010	<15	<20	--	--	--	<27	--	<24	--	--	--	<69	<38	<19	<30	--	--	<23	--	--
Phase 2 RI	RIDB-8	1 - 1.5	2/22/2017	<210	<230	<150	<340	<150	<220	<300	<150	<760	<180	<220	--	<160	<160	<160	310 UJ	<310	<300	<150	<340
		5 - 5.5	2/22/2017	<99	<110	<73	<160	<73	<100	<140	<73	<360	<88	<100	--	<77	<77	<77	150 UJ	<150	<140	<73	<160
		10 - 10.5	2/22/2017	<97	<110	<72	<160	<72	<100	<140	<72	<360	<86	<100	--	<75	<75	<75	140 UJ	<140	<140	<72	<160
	RIDB-34	1 - 1.5	12/12/2018	<98	<110	<150	<160	<73	<100	<140	<73	<1,100	<87	<100	--	<170	<76	<76	<340	<76	<140	<73	<160
		5 - 5.5	12/12/2018	<99	<110	<150	<170	<74	<100	<140	<74	<1,100	<88	<100	--	<180	<77	<77	<340	<77	<140	<74	<170
		10 - 10.5	12/13/2018	<96	<110	<150	<160	<71	<100	<140	<71	<1,100	<85	<100	--	<170	<75	<75	<330	<75	<140	<71	<160
	RIDB-35	1 - 1.5	12/12/2018	<95	<110	<150	<160	<71	<100	<140	<71	<1,100	<84	<100	--	<170	<74	<74	<330	<74	<140	<71	<160
		5 - 5.5	12/12/2018	<95	<110	<150	<160	<71	<100	<140	<71	<1,100	<85	<100	--	<170	<74	<74	<330	<74	<140	<71	<160
		10 - 10.5	12/12/2018	<100	<110	<160	<170	<76	<110	<150	<76	<1,100	<90	<110	--	<180	<79	<79	<350	<79	<150	<76	<170
	RIDB-36	1 - 1.5	12/13/2018	<94	<100	<150	<160	<70	<99	<140	<70	<1,000	<83	<99	--	<170	<73	<73	<320	<73	<140	<70	<160
		5 - 5.5	12/13/2018	<96	<110	<150	<160	<71	<100	<140	<71	<1,100	<85	<100	--	<170	<74	<74	<330	<74	<140	<71	<160
		10 - 10.5	12/13/2018	<100	<110	<160	<170	<75	<110	<150	<75	<1,100	<89	<110	--	<180	<78	<78	<350	<78	<150	<75	<170

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-21e. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)																		
				2-Methylnaphthalene	2-Methylphenol	3&4-Methylphenol	Naphthalene	2-Nitroaniline	3-Nitroaniline	4-Nitroaniline	Nitrobenzene	2-Nitrophenol	4-Nitrophenol	n-Nitrosodiphenylamine	Octachlorostyrene	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	bis(2-Chloroethoxy) methane
			HSSL:	368,000	45,600,000	16,000,000	11,300	8,840,000	--	176,000	22,500	--	7,290,000	720,000	--	8,450	24,500	100,000,000	44,000	1,300,000	91,200,000	321,000	2,740,000
Phase A	SA-19	0 - 1.5	11/16/2006	<360	--	--	<360	--	--	--	<360	--	--	--	<360	--	<360	--	<360	<1,800	--	--	--
		9.5 - 11	11/16/2006	<360	--	--	<360	--	--	--	<360	--	--	--	<360	--	<360	--	<360	<1,700	--	--	--
	SA-20	0 - 1.5	11/16/2006 (FD)	<410	--	--	<410	--	--	--	<410	--	--	--	<410	--	<410	--	<410	<2,000	--	--	--
			11/16/2006	<370	--	--	<370	--	--	--	<370	--	--	--	<370	--	<370	--	<370	<1,800	--	--	--
		9.5 - 11	11/16/2006	<390	--	--	<390	--	--	--	<390	--	--	--	<390	--	<390	--	<390	<1,900	--	--	--
Pre-Excavation	BDT-2-N-10	0 - 0.5	8/25/2010	<21	--	--	<34	--	--	--	<24	--	--	--	<62	--	<18	--	<13	<140	--	--	--
			8/25/2010 (FD)	<20	--	--	<32	--	--	--	<23	--	--	--	<59	--	<17	--	<12	<130	--	--	--
		1.5 - 2.5	8/25/2010	<21	--	--	<34	--	--	--	<24	--	--	--	<62	--	<19	--	<13	<140	--	--	--
		3.5 - 4.5	8/25/2010	<20	--	--	<33	--	--	--	<23	--	--	--	<60	--	<18	--	<13	<140	--	--	--
		5.5 - 6.5	8/25/2010	<21	--	--	<34	--	--	--	<24	--	--	--	<63	--	<19	--	<13	<140	--	--	--
		7.5 - 8.5	8/25/2010	<20	--	--	<33	--	--	--	<24	--	--	--	<61	--	<18	--	<13	<140	--	--	--
	BDT-2-N-15	0	8/25/2010	<20	--	--	<32	--	--	--	<23	--	--	--	<59	--	<18	--	<13	<130	--	--	--
		0.5 - 1.5	8/25/2010	<19	--	--	<32	--	--	--	<23	--	--	--	<58	--	<17	--	<12	<130	--	--	--
		2.5 - 3.5	8/25/2010	<20	--	--	<33	--	--	--	<23	--	--	--	<61	--	<18	--	<13	<140	--	--	--
		4.5 - 5.5	8/25/2010	<21	--	--	<34	--	--	--	<24	--	--	--	<63	--	<19	--	<13	<140	--	--	--
		6.5 - 7.5	8/25/2010	<20	--	--	<32	--	--	--	<23	--	--	--	<59	--	<18	--	<13	<140	--	--	--
		8.5 - 9.5	8/25/2010	<21	--	--	<34	--	--	--	<24	--	--	--	<62	--	<18	--	<13	<140	--	--	--
	BDT-2-N-20	0 - 1	8/25/2010	<21	--	--	<33	--	--	--	<24	--	--	--	<62	--	<18	--	<13	<140	--	--	--
		2 - 3	8/25/2010	<21	--	--	<33	--	--	--	<24	--	--	--	<62	--	<18	--	<13	<140	--	--	--
		4 - 5	8/25/2010	<20	--	--	<32	--	--	--	<23	--	--	--	<60	--	<18	--	<13	<140	--	--	--
		6 - 7	8/25/2010	<21	--	--	<34	--	--	--	<24	--	--	--	<62	--	<19	--	<13	<140	--	--	--
		8 - 9	8/25/2010	<20	--	--	<33	--	--	--	<24	--	--	--	<61	--	<18	--	<13	<140	--	--	--
			8/25/2010 (FD)	<20	--	--	<33	--	--	--	<23	--	--	--	<60	--	<18	--	<13	<140	--	--	--
		10 - 11	8/25/2010	<20	--	--	<33	--	--	--	<23	--	--	--	<60	--	<18	--	<13	<140	--	--	--
	SA-167	0.5 - 1	6/17/2010	<19	--	--	<30	--	--	--	<22	--	--	--	**77 J**	--	<17	--	<12	<130	--	--	--
	SSAK5-04	1 - 2	5/14/2010	<21	--	--	<34	--	--	--	<24	--	--	--	<63	--	<19	--	<13	<140	--	--	--
		2 - 3	5/14/2010	<20	--	--	<32	--	--	--	<23	--	--	--	<60	--	<18	--	<13	<140	--	--	--
Phase 2 RI	RIDB-8	1 - 1.5	2/22/2017	<160	<180	<310	<150	<150	<310	<310	<160	<310	<320	<180	<5,300	<780	<150	<210	<180	<340	<300	<170	<310
		5 - 5.5	2/22/2017	<77	<88	<150	<73	<73	<150	<150	<77	<150	<150	<88	<2,500	<370	<73	<99	<88	<160	<140	<82	<150
		10 - 10.5	2/22/2017	<75	<86	<140	<72	<72	<140	<140	<75	<140	<150	<86	<2,500	<370	<72	<97	<86	<160	<140	<81	<140
	RIDB-34	1 - 1.5	12/12/2018	<76	<87	<140	<73	<180	<140	<140	<76	<140	<540	<170	<130	<370	<160	<98	<150	<160	<290	<170	<140
		5 - 5.5	12/12/2018	<77	<88	<150	<74	<190	<150	<150	<77	<150	<550	<180	<130	<370	<170	<99	<150	<170	<290	<180	<150
		10 - 10.5	12/13/2018	<75	<85	<140	<71	<180	<140	<140	<75	<140	<530	<170	<130	<360	<160	<96	<140	<160	<280	<170	<140
	RIDB-35	1 - 1.5	12/12/2018	<74	<84	<140	<71	<180	140 UJ	<140	<74	<140	<530	<170	<130	<360	<160	<95	<140	<160	<280	<170	<140
		5 - 5.5	12/12/2018	<74	<85	<140	<71	<180	<140	<140	<74	<140	<530	<170	<130	<360	<160	<95	<140	<160	<280	<170	<140
		10 - 10.5	12/12/2018	<79	<90	<150	<76	<190	<150	<150	<79	<150	<560	<180	<140	<380	<170	<100	<150	<170	<300	<180	<150
	RIDB-36	1 - 1.5	12/13/2018	<73	<83	<140	<70	<180	<140	<140	<73	<140	<520	<170	<130	<350	<160	<94	<140	<160	<280	<170	<140
		5 - 5.5	12/13/2018	<74	<85	<140	<71	<180	<140	<140	<74	<140	<530	<170	<130	<360	<160	<96	<140	<160	<280	<170	<140
		10 - 10.5	12/13/2018	<78	<89	<150	<75	<190	<150	<150	<78	<150	<560	<180	<130	<380	<170	<100	<150	<170	<300	<180	<150

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-21e. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
SVOCs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	SVOCs (µg/kg)			
				bis(2-Chloroethyl) ether	bis(2-Ethylhexyl)phthalate	4-Chloro-3-methylphenol	n-Nitroso-di-n-propylamine
			HSSL:	1,150	252,000	91,200,000	504
Phase A	SA-19	0 - 1.5	11/16/2006	--	<360	--	--
		9.5 - 11	11/16/2006	--	<360	--	--
	SA-20	0 - 1.5	11/16/2006 (FD)	--	<410	--	--
			11/16/2006	--	<370	--	--
		9.5 - 11	11/16/2006	--	<390	--	--
Pre-Excavation	BDT-2-N-10	0 - 0.5	8/25/2010	--	<50	--	--
			8/25/2010 (FD)	--	<47	--	--
		1.5 - 2.5	8/25/2010	--	<50	--	--
		3.5 - 4.5	8/25/2010	--	<49	--	--
		5.5 - 6.5	8/25/2010	--	<51	--	--
		7.5 - 8.5	8/25/2010	--	<49	--	--
	BDT-2-N-15	0	8/25/2010	--	<48	--	--
		0.5 - 1.5	8/25/2010	--	<47	--	--
		2.5 - 3.5	8/25/2010	--	<49	--	--
		4.5 - 5.5	8/25/2010	--	<51	--	--
		6.5 - 7.5	8/25/2010	--	<48	--	--
		8.5 - 9.5	8/25/2010	--	<50	--	--
	BDT-2-N-20	0 - 1	8/25/2010	--	<50	--	--
		2 - 3	8/25/2010	--	<50	--	--
		4 - 5	8/25/2010	--	<48	--	--
		6 - 7	8/25/2010	--	<50	--	--
		8 - 9	8/25/2010	--	<49	--	--
			8/25/2010 (FD)	--	<49	--	--
		10 - 11	8/25/2010	--	<49	--	--
	SA-167	0.5 - 1	6/17/2010	--	<45	--	--
	SSAK5-04	1 - 2	5/14/2010	--	<51	--	--
		2 - 3	5/14/2010	--	<48	--	--
Phase 2 RI	RIDB-8	1 - 1.5	2/22/2017	<160	<210	<160	<160
		5 - 5.5	2/22/2017	<77	<99	<77	<77
		10 - 10.5	2/22/2017	<75	<97	<75	<75
	RIDB-34	1 - 1.5	12/12/2018	<76	<98	<220	<76
		5 - 5.5	12/12/2018	<77	<99	<220	<77
		10 - 10.5	12/13/2018	<75	<96	<210	<75
	RIDB-35	1 - 1.5	12/12/2018	<74	<95	<210	<74
		5 - 5.5	12/12/2018	<74	<95	<210	<74
		10 - 10.5	12/12/2018	<79	<100	<230	<79
	RIDB-36	1 - 1.5	12/13/2018	<73	<94	<210	<73
		5 - 5.5	12/13/2018	<74	<96	<210	<74
		10 - 10.5	12/13/2018	<78	<100	<220	<78

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-21f. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
PAHs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PAHs (µg/kg)															
				Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
			HSSL:	118,000	44,000	4,260	9,980	3,500	35,000	25,100,000	350,000	3,500,000	3,500	33,500,000	93,100	35,000	11,300	24,500	44,000
Phase 2 RI	RIDB-8	1 - 1.5	2/22/2017	<4.2	<4.2	<4.2	**28 J**	**18 J**	**40**	**17 J**	**15 J**	**31 J**	**5.0 J**	**70**	<4.2	**21 J-**	<4.2	**37**	**47**
		5 - 5.5	2/22/2017	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	4.4 UJ	<4.4	<4.4	<4.4
		10 - 10.5	2/22/2017	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	4.4 UJ	<4.4	<4.4	<4.4
	RIDB-34	1 - 1.5	12/12/2018	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3
		5 - 5.5	12/12/2018	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4
		10 - 10.5	12/13/2018	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3
	RIDB-35	1 - 1.5	12/12/2018	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2
		5 - 5.5	12/12/2018	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2
		10 - 10.5	12/12/2018	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5
	RIDB-36	1 - 1.5	12/13/2018	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2
		5 - 5.5	12/13/2018	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2
		10 - 10.5	12/13/2018	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-21g. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
PCBs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	PCBs (µg/kg)						
				Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260
			HSSL:	45,200	1,280	1,060	1,550	1,560	1,600	1,650
Phase A	SA-19	0 - 1.5	11/16/2006	<36	<36	<36	<36	<36	<36	<36
		9.5 - 11	11/16/2006	<36	<36	<36	<36	<36	<36	<36
	SA-20	0 - 1.5	11/16/2006 (FD)	<41	<41	<41	<41	<41	<41	<41
			11/16/2006	<37	<37	<37	<37	<37	<37	<37
		9.5 - 11	11/16/2006	<39	<39	<39	<39	<39	<39	<39
Phase 2 RI	RIDB-8	1 - 1.5	2/22/2017	--	--	--	--	--	--	<38
		5 - 5.5	2/22/2017	--	--	--	--	--	--	<39
		10 - 10.5	2/22/2017	--	--	--	--	--	--	<18
	RIDB-34	1 - 1.5	12/12/2018	<18	<18	<18	<18	<18	<18	<18
		5 - 5.5	12/12/2018	<19	<19	<19	<19	<19	<19	<19
		10 - 10.5	12/13/2018	--	--	--	--	--	--	<18
	RIDB-35	1 - 1.5	12/12/2018	<18	<18	<18	<18	<18	<18	<18
		5 - 5.5	12/12/2018	<18	<18	<18	<18	<18	<18	<18
		10 - 10.5	12/12/2018	<19	<19	<19	<19	<19	<19	<19
	RIDB-36	1 - 1.5	12/13/2018	--	--	--	--	--	--	<18
		5 - 5.5	12/13/2018	--	--	--	--	--	--	<18
		10 - 10.5	12/13/2018	--	--	--	--	--	--	<19

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-21h. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
Dioxins/Furans (pg/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Dioxins/Furans (pg/g)																
				TCDD	PeCDD	1,4-HxCDD	1,6-HxCDD	1,9-HxCDD	1,4,6-HpCDD	OCDD	TCDF	1-PeCDF	4-PeCDF	1,4-HxCDF	1,6-HxCDF	1,9-HxCDF	4,6-HxCDF	1,4,6-HpCDF	1,4,9-HpCDF	OCDF	Total Dioxin/Furan TEQ (Calculated)
			HSSL:	26.7	--	--	--	581	--	--	--	--	--	--	--	--	--	--	--	--	2,700
Phase A	SA-19	0 - 1.5	11/16/2006	**7.426**	**24.099**	**17.947**	**32.612**	**37.309**	**145.429**	**157.306 J**	**181.098 J**	**314.428**	**128.463**	**652.232 J**	**425.762**	**52.981**	**216.799**	**1,580.034 J**	**831.444 J**	**4,379.503 J**	--
Phase B	SA-72	0.5 - 2	7/27/2009	**0.375 JK**	**2.22 J**	**4.86**	**11.9**	**12.0**	**279**	**1,590 J**	**7.40**	**17.5**	**8.72**	**47.8**	**34.1**	**3.48 JK**	**21.0**	**284**	**42.2**	**498**	**26.7**
	SA-167	1 - 2.5	8/19/2009	**41.5**	**151**	**143**	**264**	**271**	**850**	**1,040**	**621**	**1,960**	**882**	**6,930**	**4,100**	**432**	**1,140**	**7,580**	**3,100**	**18,800**	--
		1.5 - 2	12/17/2009	**5.1**	**25**	**15**	**35 J**	**29 J**	**110**	**93**	**100**	**310 J**	**150**	**770 J**	**450 J**	**53 J**	**110 J**	**1,300 J**	**680 J**	**3,400 J**	**260**
		2 - 2.5	12/17/2009	**0.20 J**	**0.38**	**0.38**	**0.88**	**0.81 J**	**2.5**	**3.4**	**3.1 J**	**6.5 J**	**3.6**	**15 J**	**7.8 J**	**1.5 J**	**2.5 J**	**30 J**	**15 J**	**90 J**	**5.6**
	SA-173	0.5 - 2	7/27/2009	**4.37**	**11.3**	**6.23**	**13.9**	**15.2**	**52.3**	**73.1**	**555 J**	**266**	**112**	**304**	**191**	**29.8**	**100**	**635 J**	**292**	**2,010 J**	**189**
			7/27/2009 (FD)	**4.72**	**11.7**	**5.30 JK**	**13.7**	**15.8**	**49.9**	**73.8**	**541 J**	**256**	**112**	**296**	**176**	**30.8**	**96.0**	**599 J**	**278**	**1,870 J**	**185**
	SA-179	0.5 - 2	7/28/2009	**2.28**	**6.03**	**5.21**	**10.0**	**11.6**	**41.7**	**44.7 J**	**41.4**	**91.3**	**41.6**	**215**	**134**	**20.4**	**66.9**	**401**	**180**	**1,240 J**	**81**
Pre-Excavation	BDT-2-N-10	0 - 0.5	8/25/2010	**0.64**	**1.9 J**	**1.2 J**	**2.4 JK**	**1.3 J**	**8.0 J**	**24 J**	**12**	**22**	**12 J**	**28**	**25**	**4.8**	**6.5 J**	**87**	**46**	**250 J**	**16**
			8/25/2010 (FD)	**0.78**	**2.6 J**	**1.6 J**	**3.7**	**1.8 JK**	**11 J**	**30 J**	**16**	**29**	**15 J**	**44**	**39**	**5.6**	**11 J**	**120 J**	**61 J**	**340 J**	**23**
		1.5 - 2.5	8/25/2010	**0.65**	**2.9**	**1.7 J**	**3.9**	**2.4 J**	**12 J**	**26 J**	**19**	**32**	**17**	**44**	**42**	**8.8**	**11**	**130 J**	**75 J**	**370 J**	**25**
		3.5 - 4.5	8/25/2010	<0.11	<0.30	**0.17 J**	**0.15 JK**	**0.18 JK**	**0.86 JK**	**5.8 J**	**0.67 JK**	**1.0 JK**	<0.27	**2.4 JK**	**1.4 J**	0.32 UJ	**0.33 JK**	**5.3 J**	**1.9 JK**	**9.1 J**	**0.64**
		5.5 - 6.5	8/25/2010	**9.1**	**17**	**8.5**	**14**	**9.6**	**40 J**	**60 J**	**200**	**250**	**110**	**200**	**180**	**33**	**41**	**460 J**	**270 J**	**860 J**	**140**
		7.5 - 8.5	8/25/2010	**1.6**	**5.0**	**3.0**	**6.1**	**3.7**	**22**	**36 J**	**38**	**55**	**30**	**82**	**74**	**14**	**16**	**250**	**130**	**670 J**	**45**
	BDT-2-N-15	0	8/25/2010	**1.9 J**	**5.3 J**	**3.2 J**	**7.3 J**	**8.3 J**	**26 J**	**45 J**	**34 J**	**62 J**	**29 J**	**130 J**	**87 J**	**15 J**	**19 J**	**310 J**	**160 J**	**860 J**	**53**
		0.5 - 1.5	8/25/2010	**2.7**	**9.4**	**5.1**	**12**	**14**	**42 J**	**49 J**	**62**	**110**	**42**	**240**	**170**	**39**	**34**	**540 J**	**340 J**	**1,500 J**	**96**
		2.5 - 3.5	8/25/2010	**2.3**	**7.7**	**5.3**	**12**	**11**	**36**	**38 J**	**52**	**91**	**38**	**200**	**130**	**29**	**29**	**450 J**	**210 J**	**1,200 J**	**78**
		4.5 - 5.5	8/25/2010	<0.11	**0.30 J**	**0.34 JK**	**0.77 J**	**0.86 J**	**2.7 J**	**5.7 J**	**4.0**	**6.3**	**2.9**	**12**	**7.9**	**1.8 J**	**1.7 J**	**28**	**12**	**69 J**	**4.7**
		6.5 - 7.5	8/25/2010	**0.37 JK**	**1.4 J**	**0.73 JK**	**2.0 J**	**2.0 J**	**5.8 J**	**10 J**	**9.4**	**16**	**6.1**	**31 J**	**21 J**	**6.2 J**	**6.6 J**	**63 J**	**37 J**	**160 J**	**13**
		8.5 - 9.5	8/25/2010	**0.56 JK**	**1.6 J**	**0.93 J**	**2.5 J**	**2.5 J**	**7.5 J**	**10**	**14**	**21**	**10**	**45**	**30**	**6.4**	**6.6**	**95 J**	**46 J**	**230**	**18**
	BDT-2-N-20	0 - 1	8/25/2010	**1.4**	**4.5**	**2.8**	**5.9**	**6.5**	**18**	**20 J**	**31**	**50**	**15**	**100**	**68**	**20**	**16**	**220 J**	**130 J**	**600 J**	**41**
		2 - 3	8/25/2010	**0.68**	**2.3 J**	**1.6 J**	**3.1**	**4.0**	**11**	**16**	**16**	**27**	**10**	**56**	**38**	**8.7**	**9.2**	**130**	**67**	**320**	**23**
		4 - 5	8/25/2010	**0.69**	**2.0 J**	**1.4 J**	**3.0**	**3.0**	**11**	**29 J**	**13**	**23**	**10**	**53**	**34**	**7.1**	**7.6**	**120**	**59**	**300 J**	**21**
		6 - 7	8/25/2010	**0.68**	**2.6 J**	**1.8 J**	**3.6**	**5.0**	**13**	**18**	**15**	**27**	**9.7**	**62**	**42**	**11**	**9.8**	**150**	**70**	**370**	**24**
		8 - 9	8/25/2010	**2.4**	**8.1 J**	**4.9**	**10**	**13 J**	**33 J**	**38 J**	**53**	**88**	**33**	**190**	**120**	**32**	**32**	**390 J**	**220 J**	**960 J**	**75**
			8/25/2010 (FD)	**1.6**	**5.1 J**	**3.3 J**	**7.8 J**	**7.7 J**	**24 J**	**31 J**	**37**	**63**	**26**	**130 J**	**86 J**	**22 J**	**20 J**	**280 J**	**140 J**	**690 J**	**52**
		10 - 11	8/25/2010	**0.38 J**	**1.6 J**	**0.94 J**	**1.7 J**	**1.8 J**	**6.2 J**	**12 J**	**9.1 J**	**14 J**	**5.6 J**	**26 J**	**17 J**	**5.1 JK**	**4.8 J**	**57 J**	**43 J**	**130 J**	**12**
	SA-167	0.5 - 1	6/17/2010	**50**	**180**	**110**	**220**	**130**	**670**	**780**	**880**	**2,200**	**1,100**	**3,000**	**2,900**	**720**	**570**	**9,400**	**4,000**	**20,000**	**1,600**
	SSAK5-04	1 - 2	5/14/2010	**0.084 JK**	<0.074	**0.11 JK**	**0.20 JK**	**0.24 JK**	**1.2 J**	**2.5 J**	<0.42	**1.3 J**	**0.68 J**	**2.6 J**	**1.8 J**	**0.30 JK**	**0.48 J**	**6.0 J**	**2.6 JK**	**17 J**	**1.00**
	SSAL5-03	1.5 - 2.5	4/21/2010	**24**	**85**	**55**	**100**	**110**	**340 J+**	**350**	**450 J**	**1,000**	**530**	**1,800 J**	**1,300 J**	**220**	**310**	**3,900 J**	**1,600 J**	**11,000 J**	**800**
	SSAL5-04	1.5 - 2.5	4/15/2010	**0.75**	**2.2 J**	**1.7 J**	**3.2**	**3.1**	**12 J**	**14 J**	**17**	**30**	**17**	**69**	**44**	**8.0**	**12**	**150 J**	**83 J**	**400 J**	**27**
	SSAL6-01	0.5 - 1.5	5/18/2010	<0.27	<0.63	<0.61	<0.53	**0.66 JK**	**3.6 JK**	**6.8 JK**	**5.6**	**8.0**	**4.0**	**16**	**13**	**2.0 J**	**2.5 J**	**56 J**	**32 J**	**150 J**	**6.4**
Phase 2 RI	RIDB-8	1 - 1.5	2/22/2017	**9.6 J**	**39 J**	**31 J**	**67**	**55**	**260**	**310**	**250**	**640**	**300**	**1,200**	**940**	**120**	**190**	**3,500**	**1,200**	**8,200**	**500**
		5 - 5.5	2/22/2017	<0.51	<0.71	**0.49 J**	**1.4 J**	**1.4 J**	**4.2 J**	**16 J**	**4.4 J**	**6.3 J**	<0.84	**11 J**	**6.1 J**	**1.3 J**	**2.0 J**	**26 J**	**10 J**	**73 J**	**4.2**
		10 - 10.5	2/22/2017	<0.37	<0.52	<0.25	<0.24	**0.51 J**	**1.3 J**	**7.6 J**	<0.26	<0.33	<0.34	**0.68 J**	**0.52 J**	**0.64 J**	<0.47	**2.3 J**	**1.0 J**	**6.7 J**	**0.85**
	RIDB-34	1 - 1.5	12/12/2018	**2.6 J**	**3.3 J**	**5.2 J**	**5.1 J**	**7.3 J**	**26 J**	**62 J**	**21**	**39 J**	**18 J**	**74**	**56**	**12 J**	**15 J**	**270**	**100**	**750**	**36**
		5 - 5.5	12/12/2018	**1.7 J**	<0.35	**2.1 J**	**1.2 J**	**1.4 J**	**3.6 J**	**22 J**	**1.5 J**	**1.9 J**	<0.41	**4.6 J**	**2.8 J**	**2.1 J**	**0.81 J**	**12 J**	**6.2 J**	**34 J**	**3.9**
		10 - 10.5	12/13/2018	**1.2 J**	<0.23	**2.0 J**	**1.4 J**	**3.1 J**	**1.7 J**	**17 J**	<0.091	**3.0 J**	<0.20	<0.30	**0.71 J**	**16 J**	**0.43 J**	**1.4 J**	**3.0 J**	**5.2 J**	**3.9**
	RIDB-35	1 - 1.5	12/12/2018	**1.1 J**	**0.98 J**	**1.9 J**	**1.4 J**	**1.7 J**	**5.5 J**	**14 J**	**5.7 J**	**12 J**	**4.5 J**	**25 J**	**15 J**	**6.5 J**	**3.6 J**	**65**	**29 J**	**170**	**11**
		5 - 5.5	12/12/2018	**0.86 J**	**2.4 J**	**2.9 J**	**3.8 J**	**3.8 J**	**14 J**	**29 J**	**18**	**30 J**	**15 J**	**59**	**41 J**	**11 J**	**8.4 J**	**190**	**74**	**490**	**26**
		10 - 10.5	12/12/2018	**0.36 J**	<0.13	**1.3 J**	**0.38 J**	**0.40 J**	**0.94 J**	**10 J**	**0.39 J**	**0.68 J**	<0.12	**2.5 J**	**0.54 J**	**4.1 J**	<0.14	**4.4 J**	**3.7 J**	**8.7 J**	**1.5**
	RIDB-36	1 - 1.5	12/13/2018	**0.99 J**	**0.48 J**	**1.5 J**	**1.6 J**	**1.3 J**	**7.0 J**	**47 J**	**5.3 J**	**7.7 J**	**2.5 J**	**10 J**	**7.4 J**	**15 J**	**1.7 J**	**32 J**	**12 J**	**78 J**	**7.4**
		5 - 5.5	12/13/2018	**1.5 J**	**2.6 J**	**3.0 J**	**4.1 J**	**4.8 J**	**14 J**	**24 J**	**16**	**32 J**	**14 J**	**62**	**42 J**	**24 J**	**9.5 J**	**180**	**70**	**450**	**29**
		10 - 10.5	12/13/2018	<0.23	<0.22	**1.7 J**	**0.51 J**	**1.0 J**	**2.0 J**	**12 J**	**0.23 J**	**3.5 J**	**0.39 J**	<0.41	**0.95 J**	**17 J**	**0.43 J**	**1.4 J**	**3.0 J**	**7.4 J**	**2.7**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
pg/g: picograms per gram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-21i. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)																		
				Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	Chlordane (total)	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	2,4'-DDE	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor
			HSSL:	205	274,000	54,700	333,000	11,100	--	500,000	500,000	14,700	--	10,300	10,600	220	--	--	4,900,000	274,000	--	--	696
Phase A	SA-19	0 - 1.5	11/16/2006	<1.9	<1.9	<1.9	<1.9	<1.9	<11	<1.9	<1.9	<1.9	--	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
	SA-20	0 - 1.5	11/16/2006 (FD)	<21	<21	**32**	<21	<21	<120	<21	<21	<21	--	<21	<21	<21	<21	<21	<21	<21	<21	<21	<21
			11/16/2006	<1.9	<1.9	**29 J**	<1.9	<1.9	<11	<1.9	<1.9	<1.9	--	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Phase 2 RI	RIDB-8	1 - 1.5	2/22/2017	<1.6	**1.6 J+**	**160**	<1.6	<1.6	--	<2.1	<1.6	**46 J+**	**83**	**200 J-**	**180**	<1.6	<1.6	<1.6	<2.1	<1.6	<1.6	<2.1	<2.1
		5 - 5.5	2/22/2017	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.2	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<2.2	<1.6	<1.6	<2.2	<2.2
		10 - 10.5	2/22/2017	<1.6	<1.6	**4.4 J**	<1.6	<1.6	--	<2.2	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<2.2	<1.6	<1.6	<2.2	<2.2
	RIDB-34	1 - 1.5	12/12/2018	<1.6	<1.6	**11**	<1.6	<1.6	--	<2.1	<1.6	<1.6	**3.0 J**	**4.0 J**	**3.2 J**	<1.6	<1.6	<1.6	<2.1	<1.6	<1.6	<2.1	<2.1
		5 - 5.5	12/12/2018	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.2	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<2.2	<1.6	<1.6	<2.2	<2.2
		10 - 10.5	12/13/2018	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.1	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<2.1	<1.6	<1.6	<2.1	<2.1
	RIDB-35	1 - 1.5	12/12/2018	<1.6	<1.6	**1.9 J**	<1.6	<1.6	--	<2.1	<1.6	<1.6	**31**	**35**	**26**	<1.6	<1.6	<1.6	<2.1	<1.6	<1.6	<2.1	<2.1
		5 - 5.5	12/12/2018	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.1	<1.6	<1.6	**10**	**13**	**11**	<1.6	<1.6	<1.6	<2.1	<1.6	<1.6	<2.1	<2.1
		10 - 10.5	12/12/2018	<1.7	<1.7	<1.7	<1.7	<1.7	--	<2.2	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<2.2	<1.7	<1.7	<2.2	<2.2
	RIDB-36	1 - 1.5	12/13/2018	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.1	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<2.1	<1.6	<1.6	<2.1	<2.1
		5 - 5.5	12/13/2018	<1.6	<1.6	<1.6	<1.6	<1.6	--	<2.1	<1.6	<1.6	**5.5**	**6.5**	**4.4 J**	<1.6	<1.6	<1.6	<2.1	<1.6	<1.6	<2.1	<2.1
		10 - 10.5	12/13/2018	<1.7	<1.7	<1.7	<1.7	<1.7	--	<2.2	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<2.2	<1.7	<1.7	<2.2	<2.2

Notes:
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ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

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Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-21i. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
Pesticides - OCPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OCPs (µg/kg)		
				Heptachlor epoxide	Methoxychlor	Toxaphene
			HSSL:	366	4,560,000	3,210
Phase A	SA-19	0 - 1.5	11/16/2006	<1.9	<3.6	<55
	SA-20	0 - 1.5	11/16/2006 (FD)	<21	<41	<620
			11/16/2006	<1.9	<3.7	<56
Phase 2 RI	RIDB-8	1 - 1.5	2/22/2017	<2.1	<1.6	<53
		5 - 5.5	2/22/2017	<2.2	<1.6	<54
		10 - 10.5	2/22/2017	<2.2	<1.6	<54
	RIDB-34	1 - 1.5	12/12/2018	<2.1	<1.6	<53
		5 - 5.5	12/12/2018	<2.2	<1.6	<55
		10 - 10.5	12/13/2018	<2.1	<1.6	<53
	RIDB-35	1 - 1.5	12/12/2018	<2.1	<1.6	<52
		5 - 5.5	12/12/2018	<2.1	<1.6	<52
		10 - 10.5	12/12/2018	<2.2	<1.7	<56
	RIDB-36	1 - 1.5	12/13/2018	<2.1	<1.6	<52
		5 - 5.5	12/13/2018	<2.1	<1.6	<52
		10 - 10.5	12/13/2018	<2.2	<1.7	<56

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-21j. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
Pesticides - OPPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OPPs (µg/kg)																		
				Chlorpyrifos	Coumaphos	Dasanit	Demeton-O	Demeton-S	Diazinon	Dichlorovos	Dimethoate	Disulfoton	EPN	Ethoprop	Famphur	Fenthion	Guthion	Malathion	Merphos	Methyl parathion	Mevinphos	Naled	Parathion
			HSSL:	912,000	--	--	--	--	638,000	12,200	2,010,000	36,500	9,120	--	--	--	2,740,000	18,200,000	1,030	228,000	--	1,290	5,470,000
Phase A	SA-19	0 - 1.5	11/16/2006	<22	14 UJ	<14	<43	<17	<24	<25	24 UJ	<53	14 UJ	<17	14 UJ	<36	14 UJ	<17	<33	<22	<17	36 UJ	<20
	SA-20	0 - 1.5	11/16/2006 (FD)	<25	16 UJ	<16	<48	<19	<27	<29	27 UJ	<60	16 UJ	<19	16 UJ	<41	16 UJ	<19	<37	<25	<19	41 UJ	<22
			11/16/2006	<22	<14	<14	<43	<17	<24	<26	<24	<53	<14	<17	<14	<37	<14	<17	<33	<22	<17	<37	<20

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-21j. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
Pesticides - OPPs (µg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Pesticides - OPPs (µg/kg)							
				Phorate	Prothiophos	Ronnel	Stirophos	Sulfotepp	Sulprofos	Thionazin	Trichloronate
			HSSL:	182,000	--	26,800	147,000	456,000	--	--	--
Phase A	SA-19	0 - 1.5	11/16/2006	<22	<22	20 UJ	17 UJ	<22	<14	<20	<22
	SA-20	0 - 1.5	11/16/2006 (FD)	<25	<25	22 UJ	19 UJ	<25	<16	<22	<25
			11/16/2006	<22	<22	<20	<17	<22	<14	<20	<22

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
µg/kg: micrograms per kilogram
HSSL: health-based soil screening level
'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.
J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-21m. SOIL ANALYTICAL RESULTS, ECA GROUP D5-D8
Asbestos (s/samp)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Asbestos (s/samp)								
				Long Amphibole Protocol Structures Count	Long Asbestos Protocol Structures Count	Long Chrysotile Protocol Structures Count	Short Amphibole Structures Counts	Short Asbestos Structures Counts	Short Chrysotile Structures Counts	Total Amphibole Protocol Structures Count	Total Asbestos Protocol Structures Count	Total Chrysotile Protocol Structures Count
			HSSL:	0	--	5	--	--	--	--	--	--
Phase B	SA-167	0.5	7/13/2009	0	0	0	**1**	**2**	**1**	**1**	**2**	**1**
	SA-173	0.5	9/11/2009	**6**	**6**	0	**6**	**6**	0	**12**	**12**	0
	SA-179	0 - 0.5	9/11/2009	0	**3**	**3**	0	0	0	0	**3**	**3**
Pre-Excavation	SA-19	0	5/13/2010	0	0	0	0	0	0	0	0	0
			5/13/2010 (FD)	0	0	0	0	0	0	0	0	0
	SA-173	0.5	4/15/2010	0	0	0	0	**2 J**	**2 J**	0	**2 J**	**2 J**
	SSAK5-04	0 - 0.5	5/11/2010	0	1	1	0	1	1	0	2	2
		0 - 1	5/11/2010	0	0	0	0	1	1	0	1	1
			5/11/2010 (FD)	1	1	0	0	0	0	1	1	0
	SSAL5-03	0.5	4/16/2010	0	**2 J**	**2 J**	0	**2 J**	**2 J**	0	**4**	**4**
	SSAL5-07	0	8/25/2010	0	1	1	0	0	0	0	1	1
	SSAL6-01	0	5/18/2010	0	**3 J**	**3 J**	0	2	2	0	**5 J**	**5 J**
		0 - 0.5	5/18/2010	0	**15 J**	**15 J**	0	**18 J**	**18 J**	0	**33 J**	**33 J**
	SSAL6-02	0 - 0.5	5/18/2010	0	0	0	0	0	0	0	0	0
		0.5	5/18/2010	0	0	0	0	0	0	0	0	0
	SSAM5-01	0 - 0.2	4/16/2010	**27 J**	**28 J**	**1 J**	**11**	**13**	**2 J**	**38 J**	**41 J**	**3 J**
			4/16/2010 (FD)	**11 J**	**12 J**	**1 J**	**12**	**20**	**8**	**23 J**	**32 J**	**9 J**
		0.3 - 0.5	4/16/2010	**5**	**6**	**1 J**	**5**	**7**	**2 J**	**10**	**13**	**3**
		0.7 - 1	8/04/2010	**2**	**2**	0	0	0	0	**2**	**2**	0
		1 - 1.2	8/04/2010	2	2	0	0	0	0	2	2	0
		1.5 - 1.7	10/28/2010	0	0	0	0	0	0	0	0	0

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
s/samp: strands per sample
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-22b. SOIL ANALYTICAL RESULTS, ECA D10
Other Metals (mg/kg)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Other Metals
				Arsenic
			HSSL:	7.2
2011 Removal Action	EE-D25A-1	0	5/18/2011	**32.2 J-**

Notes:

(FD): field duplicate
ft bgs: feet below ground surface
mg/kg: milligrams per kilogram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity

Table A-22h. SOIL ANALYTICAL RESULTS, ECA D10
Dioxins/Furans (pg/g)
Nevada Environmental Response Trust Site; Henderson, Nevada

Investigation	Location	Sample Depth (ft bgs)	Date	Dioxins/Furans (pg/g)																
				TCDD	PeCDD	1,4-HxCDD	1,6-HxCDD	1,9-HxCDD	1,4,6-HpCDD	OCDD	TCDF	1-PeCDF	4-PeCDF	1,4-HxCDF	1,6-HxCDF	1,9-HxCDF	4,6-HxCDF	1,4,6-HpCDF	1,4,9-HpCDF	OCDF
			HSSL:	26.7	--	--	--	581	--	--	--	--	--	--	--	--	--	--	--	--
2011 Removal Action	EE-D25A-1	0	5/18/2011	**18**	**70**	**51**	**93**	**100**	**370**	**400**	**420**	**840**	**450**	**2,000**	**1,200**	**170**	**350**	**4,200**	**1,800**	**12,000**

Notes:
(FD): field duplicate
ft bgs: feet below ground surface
pg/g: picograms per gram
HSSL: health-based soil screening level

'--' : not analyzed
Bold value: detected result
< : Not detected above laboratory reporting limits
Detected above the HSSL.

J : Estimated value
J- : Estimated value, potential negative bias
J+ : Estimated value, potential positive bias
UJ : The analyte was not detected, detection limit is an estimated quantity